

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033937.D
 Acq On : 30 Jan 2023 11:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 04:40:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	163142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80674	46.965	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.940%			
35) Dibromofluoromethane	5.379	113	74215	52.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.000%			
50) Toluene-d8	8.647	98	263959	51.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.480%			
62) 4-Bromofluorobenzene	11.079	95	98943	51.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54799	42.505	ug/l	98
3) Chloromethane	1.294	50	64006	44.946	ug/l	98
4) Vinyl Chloride	1.374	62	66857	48.376	ug/l	98
5) Bromomethane	1.611	94	31433	39.585	ug/l	96
6) Chloroethane	1.685	64	42159	49.343	ug/l	99
7) Trichlorofluoromethane	1.886	101	106529	47.532	ug/l	98
8) Diethyl Ether	2.130	74	42049	57.300	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	68272	52.817	ug/l	94
10) Methyl Iodide	2.453	142	90377	49.874	ug/l	92
11) Tert butyl alcohol	2.953	59	67489	226.167	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	63618	47.925	ug/l	89
13) Acrolein	2.233	56	87735	318.660	ug/l	100
14) Allyl chloride	2.660	41	113367	45.279	ug/l	88
15) Acrylonitrile	3.056	53	193489	246.378	ug/l	99
16) Acetone	2.374	43	177626	286.342	ug/l	92
17) Carbon Disulfide	2.514	76	135509	40.689	ug/l	98
18) Methyl Acetate	2.697	43	119866	50.001	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	220499	47.826	ug/l	99
20) Methylene Chloride	2.788	84	72836	48.701	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	68143	43.911	ug/l	96
22) Diisopropyl ether	3.751	45	233696	46.392	ug/l	98
23) Vinyl Acetate	3.715	43	899153	237.107	ug/l	99
24) 1,1-Dichloroethane	3.605	63	125299	45.463	ug/l	100
25) 2-Butanone	4.544	43	261591	233.076	ug/l	96
26) 2,2-Dichloropropane	4.471	77	93237	47.228	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	83184	46.625	ug/l	97
28) Bromochloromethane	4.891	49	57430	45.746	ug/l	91
29) Tetrahydrofuran	4.995	42	168259	237.865	ug/l	97
30) Chloroform	5.086	83	131270	46.503	ug/l	99
31) Cyclohexane	5.464	56	107746	42.627	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	113374	47.041	ug/l	97
36) 1,1-Dichloropropene	5.690	75	93813	45.468	ug/l	99
37) Ethyl Acetate	4.702	43	99911	50.794	ug/l	99
38) Carbon Tetrachloride	5.672	117	102610	48.017	ug/l	97
39) Methylcyclohexane	7.379	83	116205	45.607	ug/l	95
40) Benzene	6.031	78	283609	47.159	ug/l	100

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 Supervised By : Semsettin Yesilyurt 01/31/2023

Quant Time: Jan 31 04:40:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59741	52.543	ug/l	97
42) 1,2-Dichloroethane	6.080	62	98859	46.385	ug/l	97
43) Isopropyl Acetate	6.330	43	161491	49.579	ug/l	98
44) Trichloroethene	7.123	130	84249	50.097	ug/l	95
45) 1,2-Dichloropropane	7.421	63	74803	49.653	ug/l	99
46) Dibromomethane	7.574	93	52064	49.477	ug/l	96
47) Bromodichloromethane	7.818	83	102866	50.724	ug/l	97
48) Methyl methacrylate	7.690	41	82564	50.319	ug/l	96
49) 1,4-Dioxane	7.671	88	32464	894.467	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	508669	254.279	ug/l	98
52) Toluene	8.714	92	185881	47.862	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	107832	53.170	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	120147	52.871	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	79210	51.525	ug/l	98
56) Ethyl methacrylate	9.116	69	116392	53.798	ug/l	96
57) 1,3-Dichloropropane	9.305	76	128147	51.408	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	265996	249.644	ug/l	99
59) 2-Hexanone	9.427	43	371891	267.099	ug/l	97
60) Dibromochloromethane	9.519	129	89377	56.078	ug/l	100
61) 1,2-Dibromoethane	9.610	107	83199	54.229	ug/l	98
64) Tetrachloroethene	9.269	164	76272	53.923	ug/l	97
65) Chlorobenzene	10.079	112	209412	50.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	83151	54.204	ug/l	99
67) Ethyl Benzene	10.189	91	355750	49.708	ug/l	99
68) m/p-Xylenes	10.299	106	284821	101.748	ug/l	97
69) o-Xylene	10.640	106	138655	49.946	ug/l	99
70) Styrene	10.653	104	233864	51.799	ug/l	100
71) Bromoform	10.799	173	71149	55.350	ug/l #	99
73) Isopropylbenzene	10.963	105	368100	52.003	ug/l	100
74) N-amyl acetate	10.842	43	135655	47.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	111674	54.135	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	91469m	46.190	ug/l	
77) Bromobenzene	11.195	156	100112	52.424	ug/l	98
78) n-propylbenzene	11.305	91	407730	46.361	ug/l	99
79) 2-Chlorotoluene	11.366	91	242093	51.015	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	305788	47.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32920	51.665	ug/l	95
82) 4-Chlorotoluene	11.451	91	277633	51.123	ug/l	98
83) tert-Butylbenzene	11.713	119	316202	49.104	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	302554	49.318	ug/l	100
85) sec-Butylbenzene	11.890	105	385081	49.997	ug/l	99
86) p-Isopropyltoluene	12.006	119	333636	50.596	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	181776	49.914	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	185331	49.957	ug/l	99
89) n-Butylbenzene	12.329	91	277074	51.361	ug/l	99
90) Hexachloroethane	12.536	117	56243	51.851	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	179515	51.083	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23573	53.599	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	129726	54.802	ug/l	100
94) Hexachlorobutadiene	13.725	225	61420	52.969	ug/l	99
95) Naphthalene	13.774	128	374364	54.971	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129715	54.764	ug/l	99

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ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

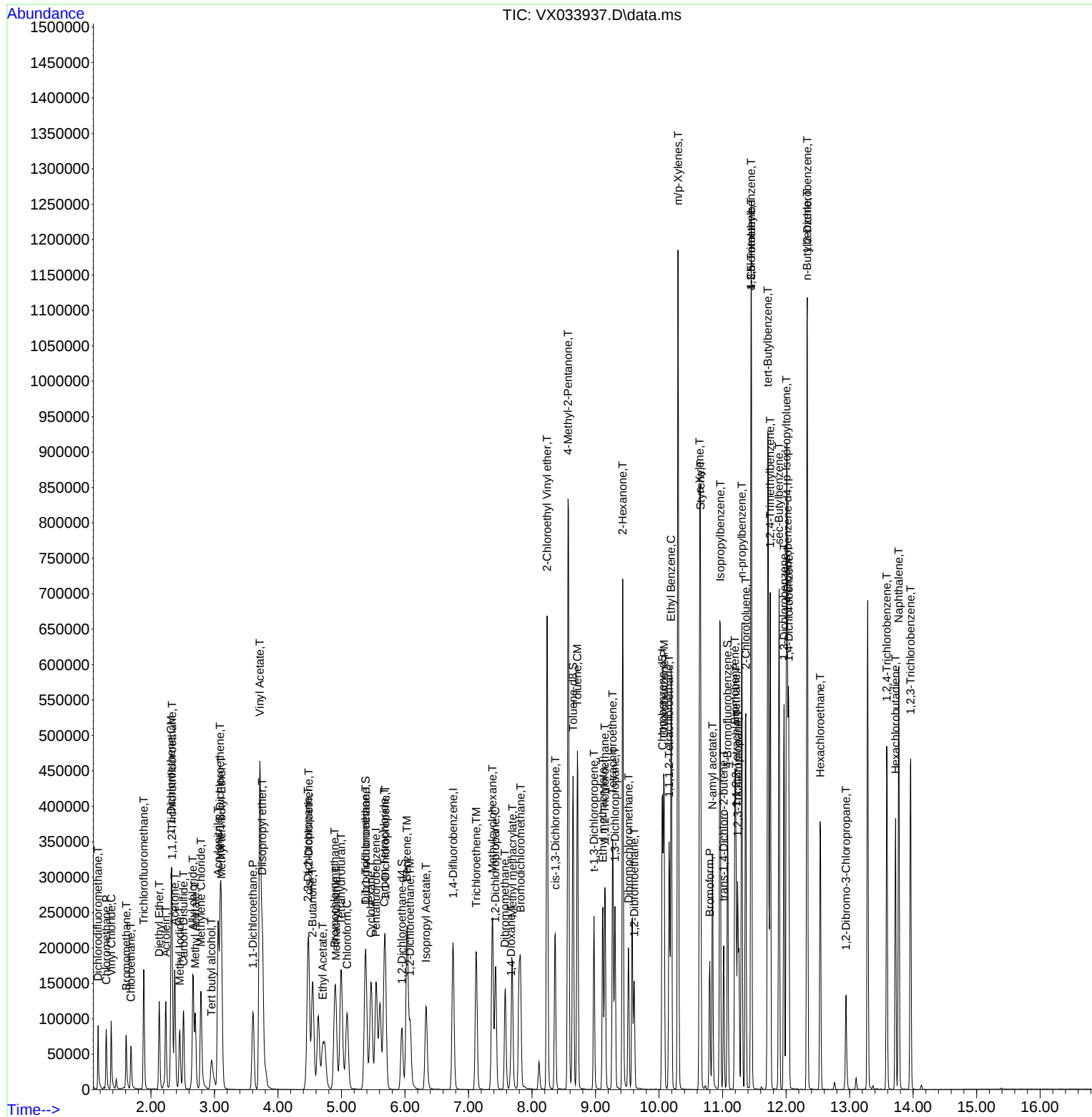
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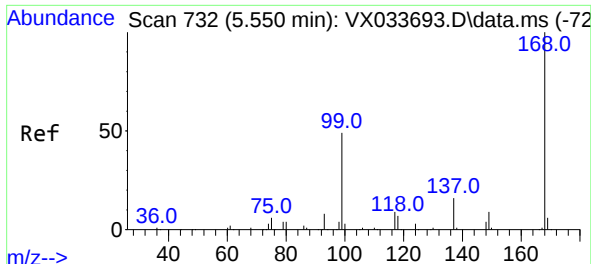
Instrument :
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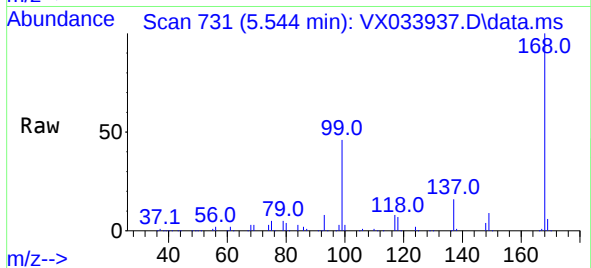
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

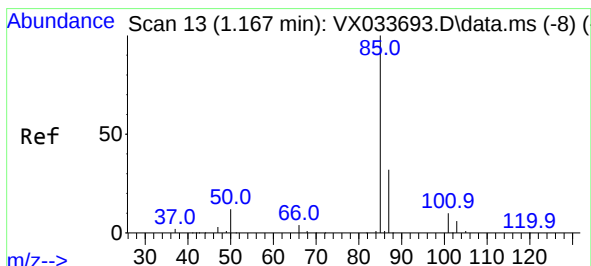
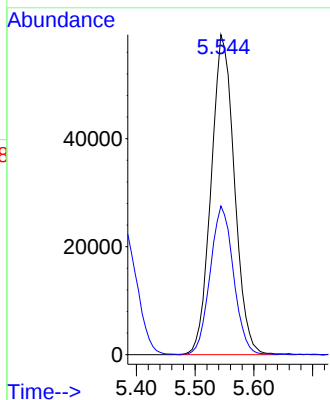
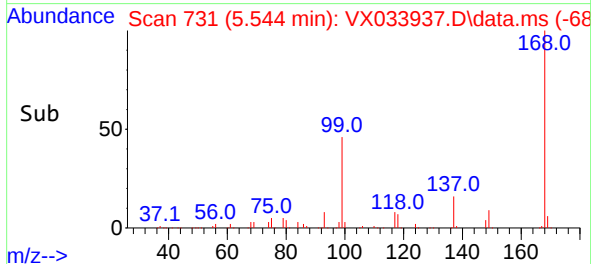
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



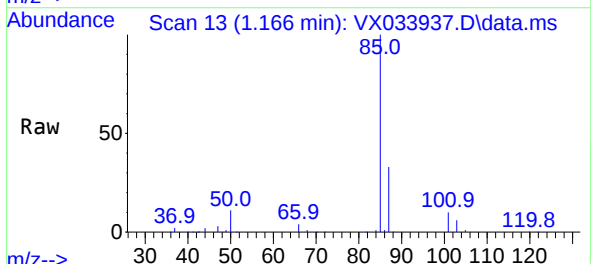
Tgt Ion:168 Resp: 16314
Ion Ratio Lower Upper
168 100
99 46.4 39.6 59.4

Manual Integrations
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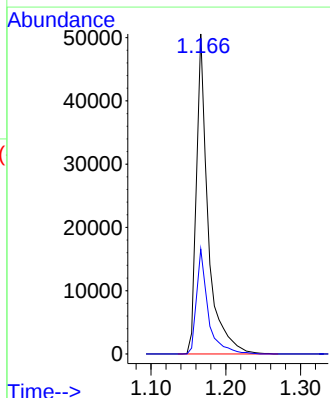
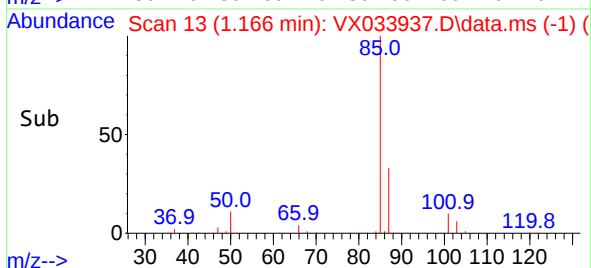
Reviewed By :John Carlone 01/31/2023
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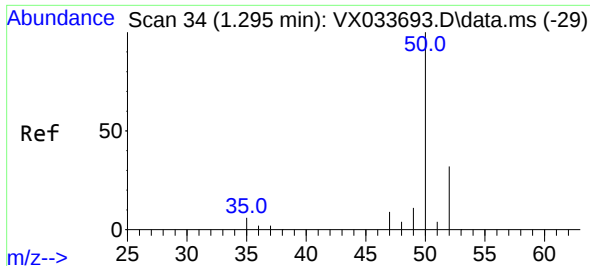


#2
Dichlorodifluoromethane
Concen: 42.505 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



Tgt Ion: 85 Resp: 54799
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





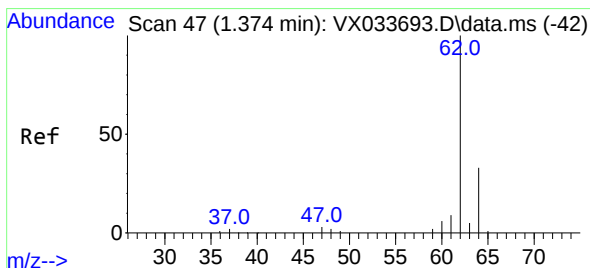
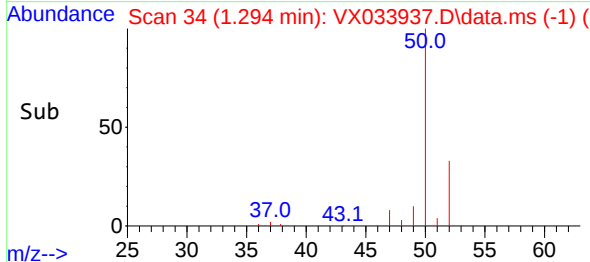
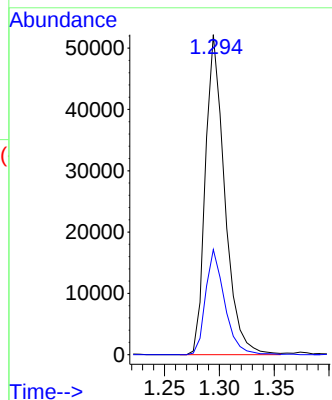
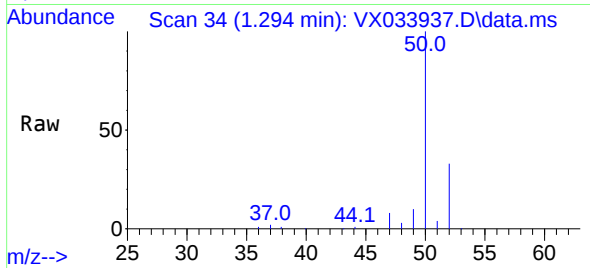
#3
Chloromethane
Concen: 44.946 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 64000
Ion Ratio Lower Upper
50 100
52 32.9 25.2 37.8

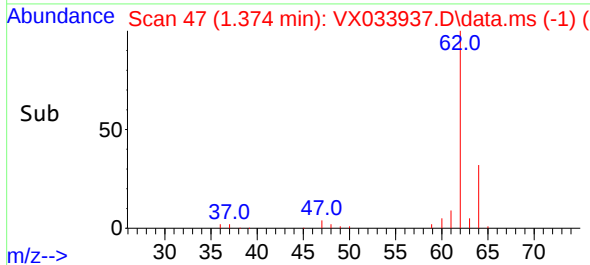
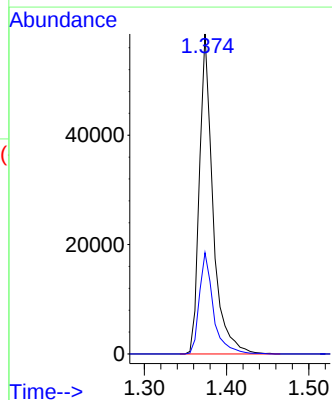
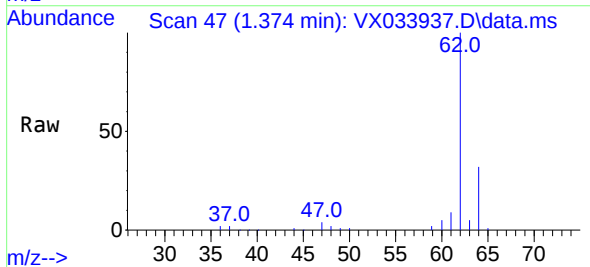
Manual Integrations
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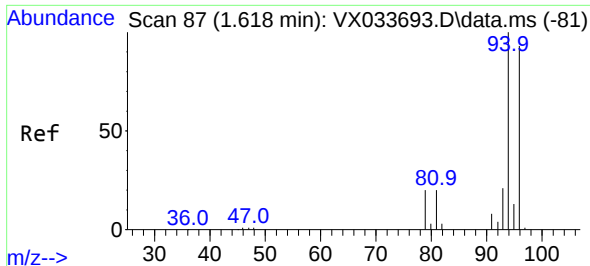
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#4
Vinyl Chloride
Concen: 48.376 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

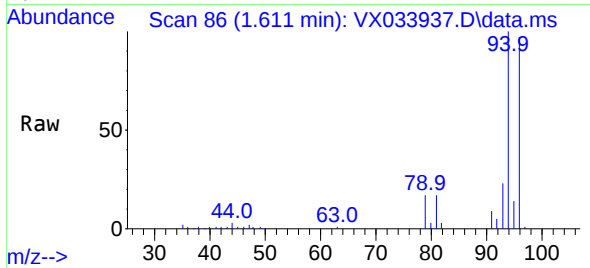
Tgt Ion: 62 Resp: 66857
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.4





#5
Bromomethane
Concen: 39.585 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

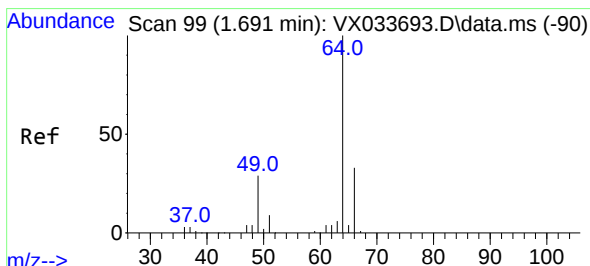
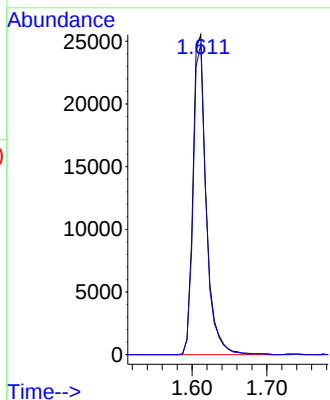
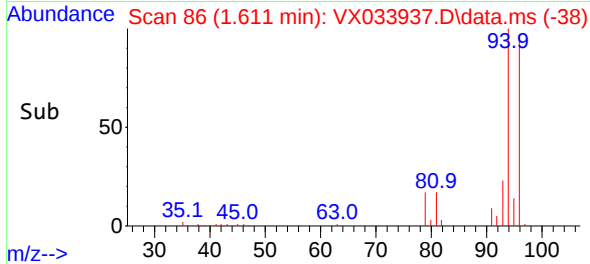
Instrument :
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Tgt Ion: 94 Resp: 3143
Ion Ratio Lower Upper
94 100
96 97.0 74.3 111.5

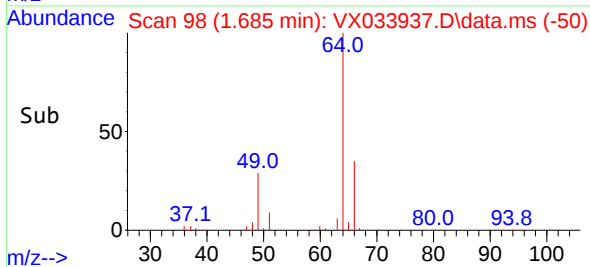
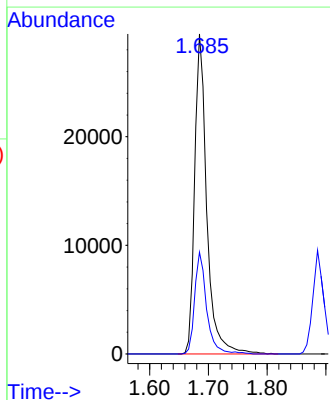
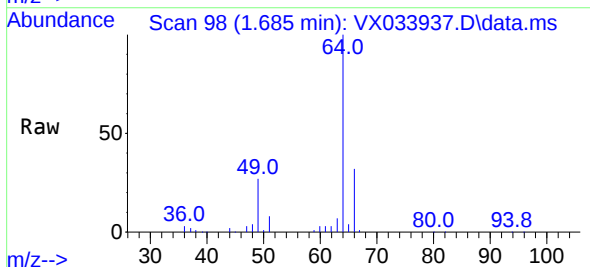
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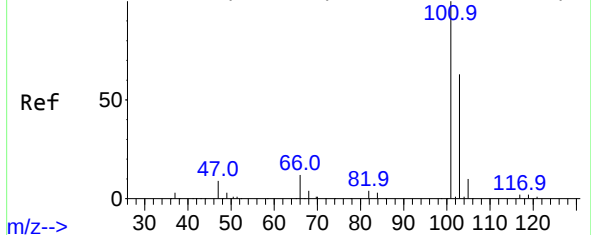


#6
Chloroethane
Concen: 49.343 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 64 Resp: 42159
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1



Abundance Scan 131 (1.886 min): VX033693.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 47.532 ug/l

RT: 1.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 106529

Ion Ratio Lower Upper

101 100

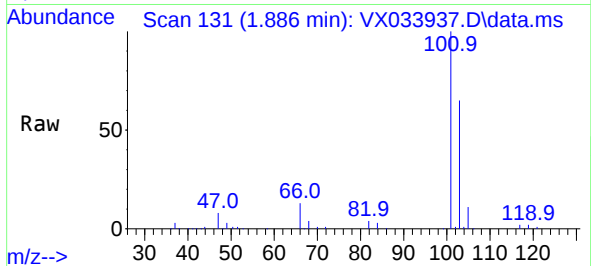
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Manual Integrations

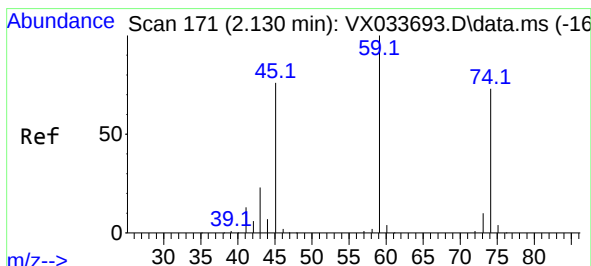
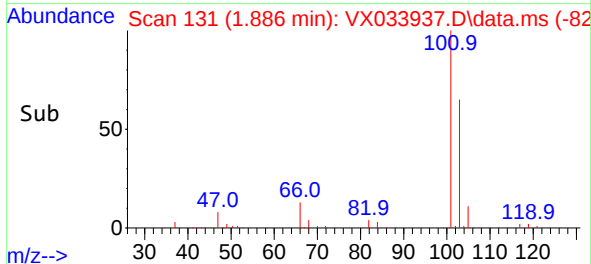
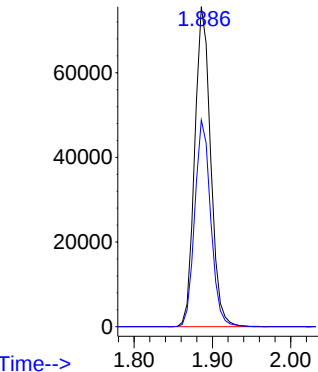
APPROVED

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Abundance



#8

Diethyl Ether

Concen: 57.300 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.000 min

Lab File: VX033937.D

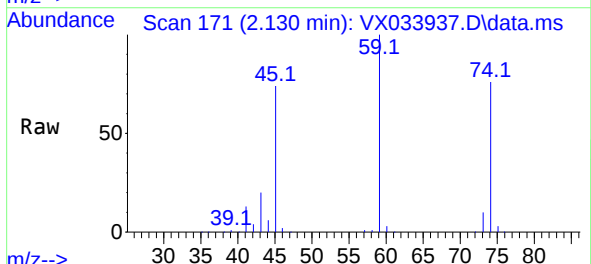
Acq: 30 Jan 2023 11:28

Tgt Ion: 74 Resp: 42049

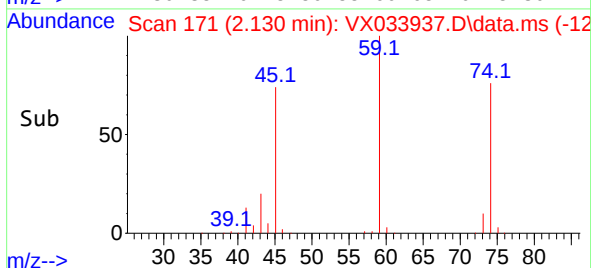
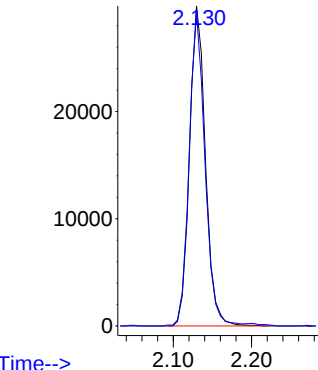
Ion Ratio Lower Upper

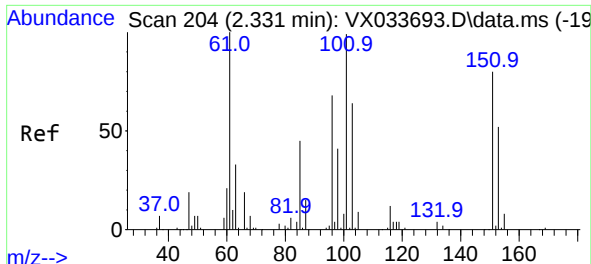
74 100

45 97.4 51.5 154.5



Abundance





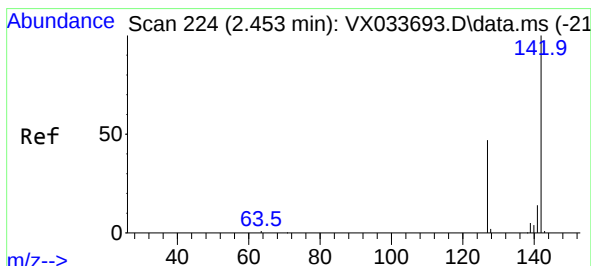
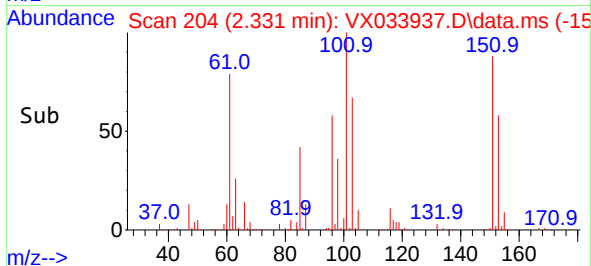
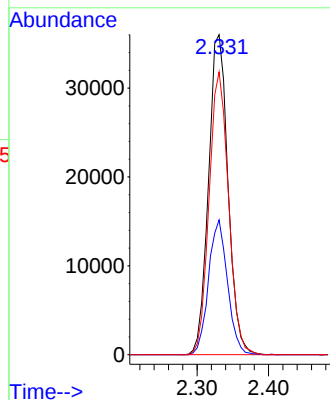
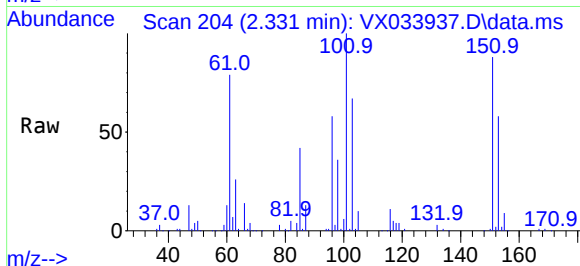
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.817 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 68272
Ion Ratio Lower Upper
101 100
85 40.9 36.7 55.1
151 88.1 66.5 99.7

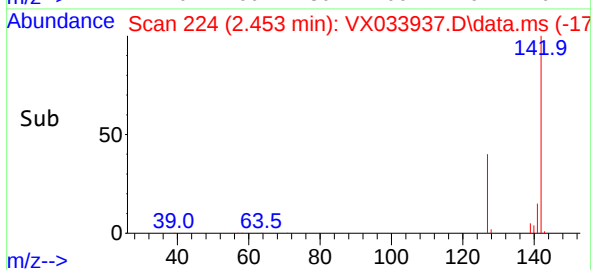
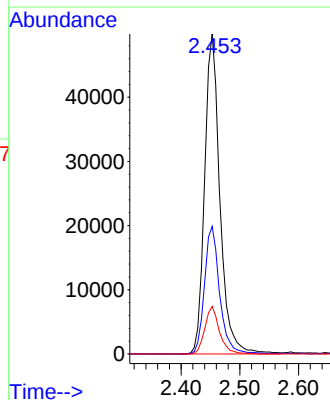
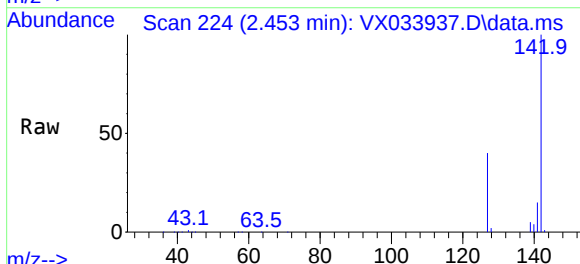
Manual Integrations
APPROVED

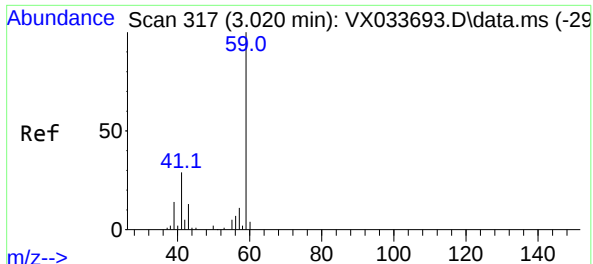
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#10
Methyl Iodide
Concen: 49.874 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion:142 Resp: 90377
Ion Ratio Lower Upper
142 100
127 39.5 37.3 55.9
141 14.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 226.167 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.067 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 67489

Ion Ratio Lower Upper

59 100

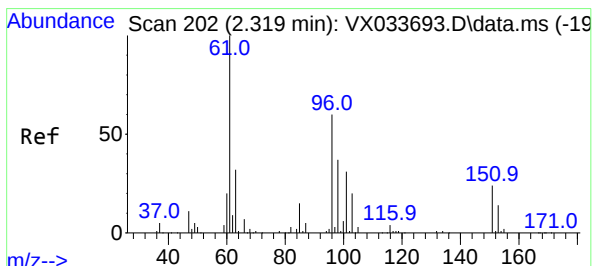
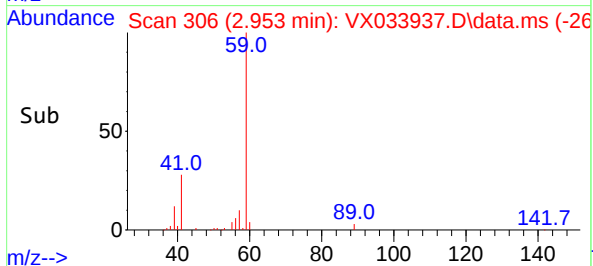
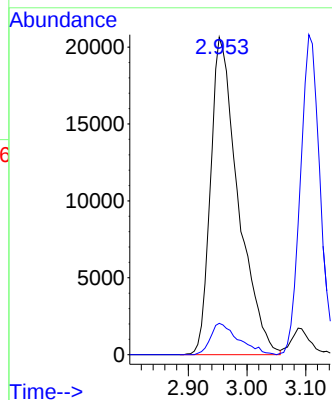
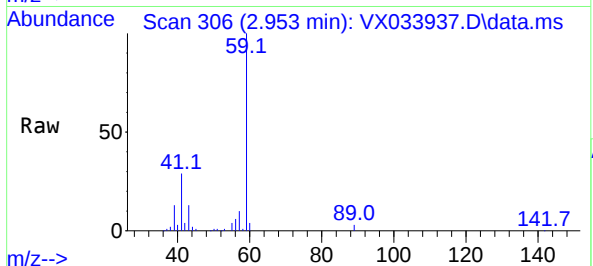
57 10.1 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2023

Supervised By :Semsettin Yesilyurt 01/31/2023



#12

1,1-Dichloroethene

Concen: 47.925 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

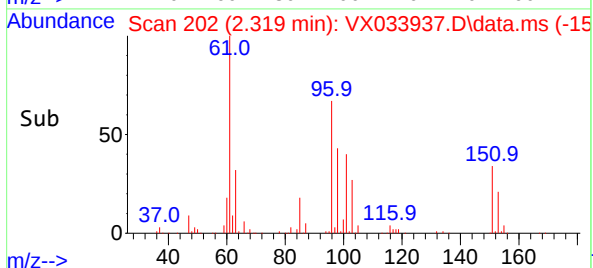
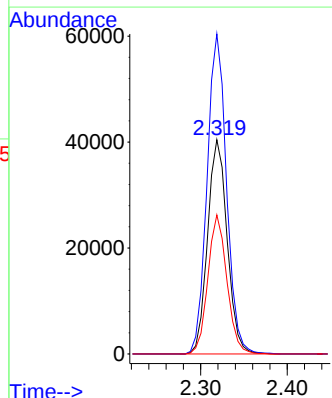
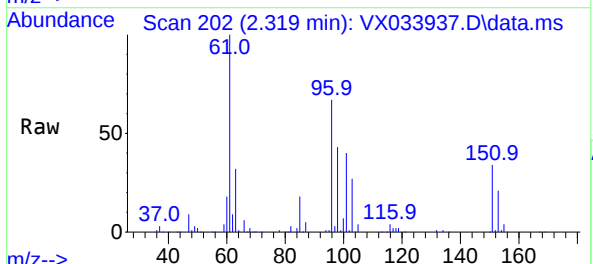
Tgt Ion: 96 Resp: 63618

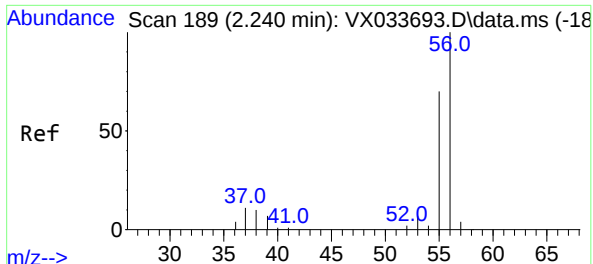
Ion Ratio Lower Upper

96 100

61 149.3 134.2 201.4

98 64.9 50.2 75.2





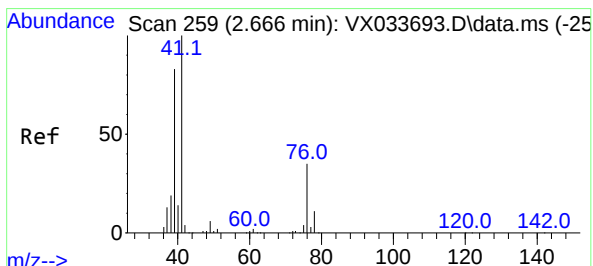
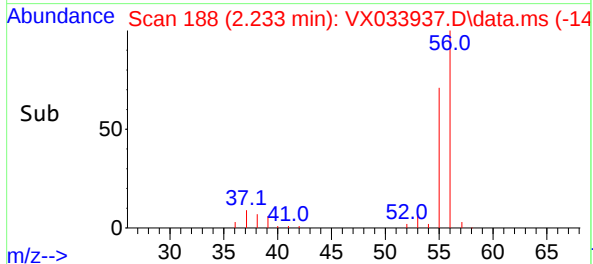
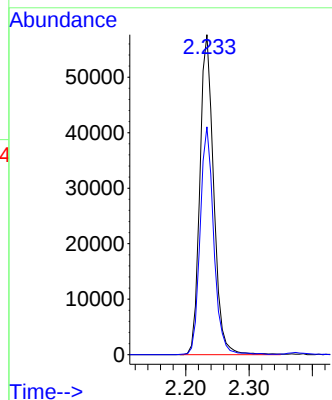
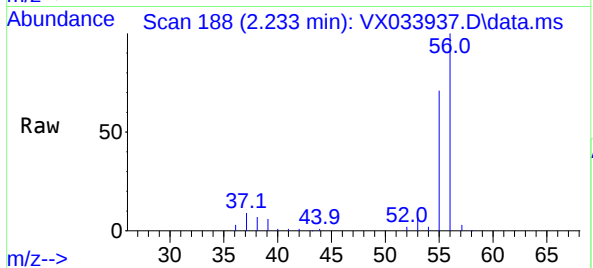
#13
Acrolein
Concen: 318.660 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 87735
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5

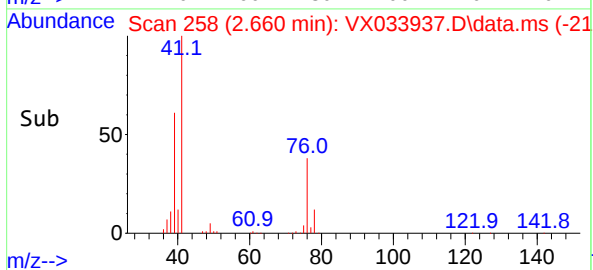
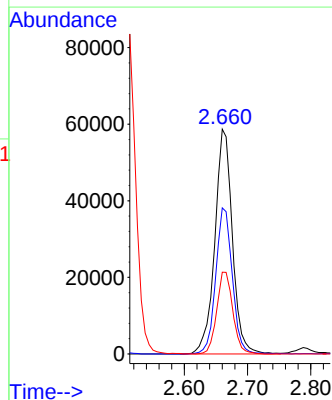
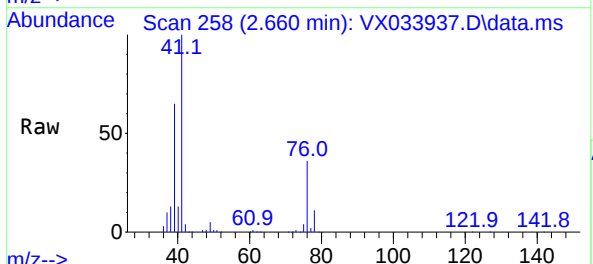
Manual Integrations
APPROVED

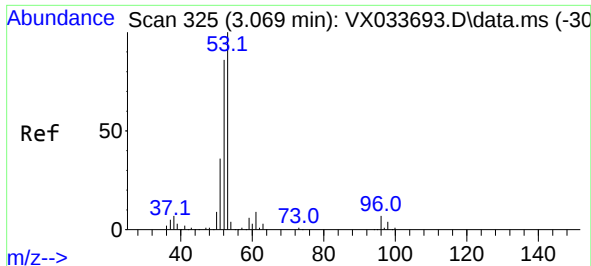
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#14
Allyl chloride
Concen: 45.279 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

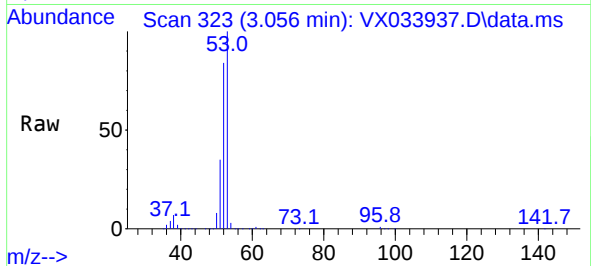
Tgt Ion: 41 Resp: 113367
Ion Ratio Lower Upper
41 100
39 61.0 59.0 88.4
76 33.2 24.6 37.0





#15
Acrylonitrile
Concen: 246.378 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

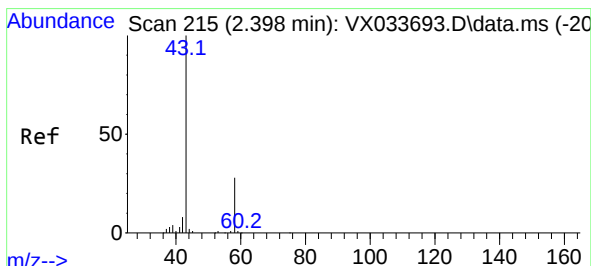
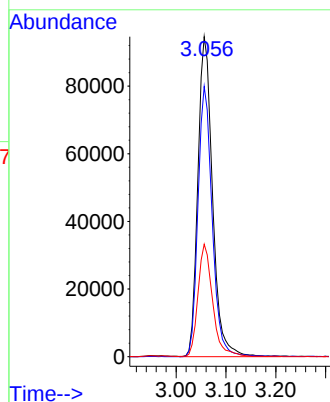
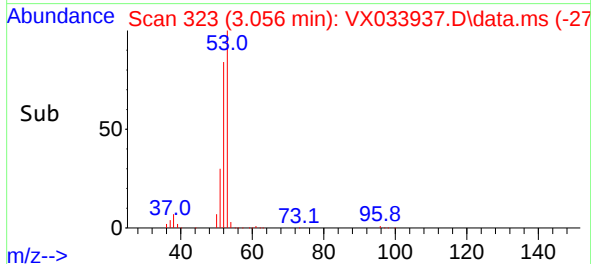
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



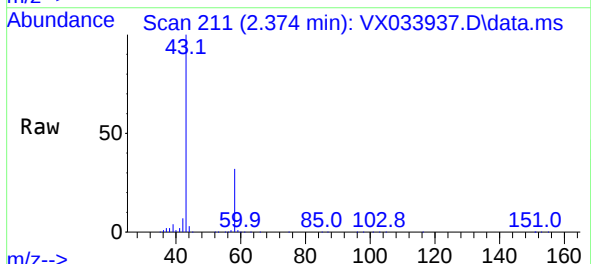
Tgt Ion: 53 Resp: 193489
Ion Ratio Lower Upper
53 100
52 82.0 65.7 98.5
51 34.9 29.0 43.4

Manual Integrations
APPROVED

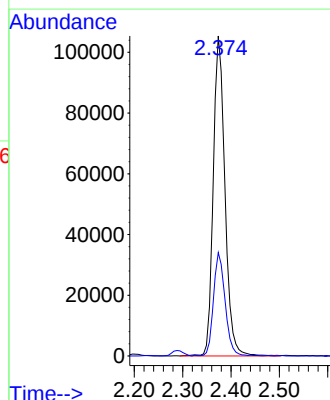
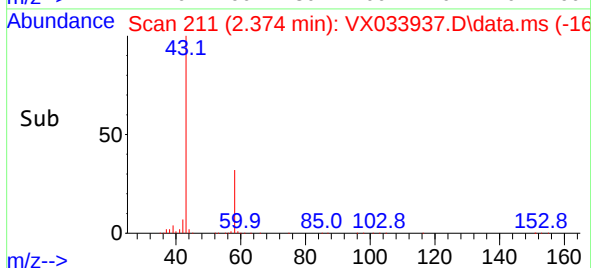
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

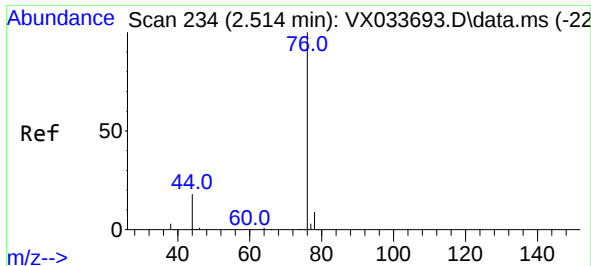


#16
Acetone
Concen: 286.342 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.024 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



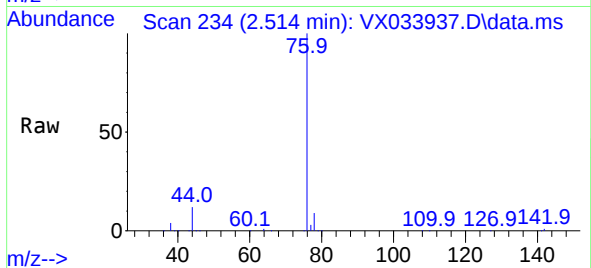
Tgt Ion: 43 Resp: 177626
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8





#17
Carbon Disulfide
Concen: 40.689 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

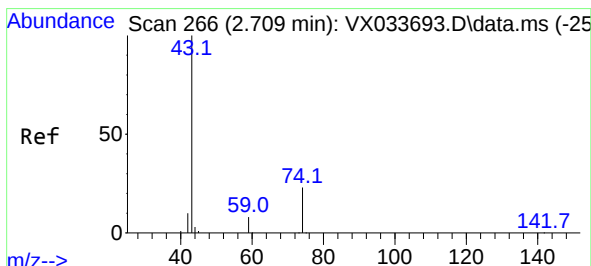
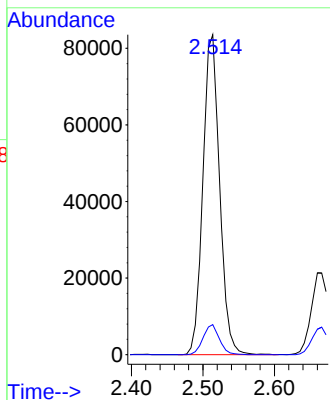
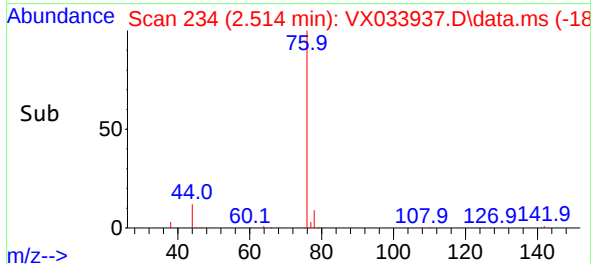
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



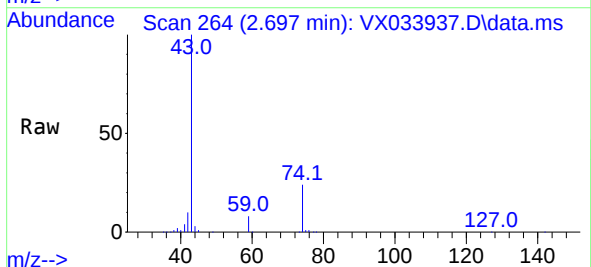
Tgt Ion: 76 Resp: 135509
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

Manual Integrations
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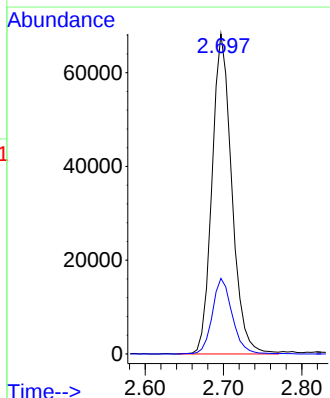
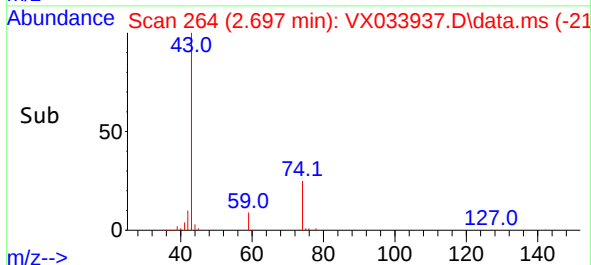
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

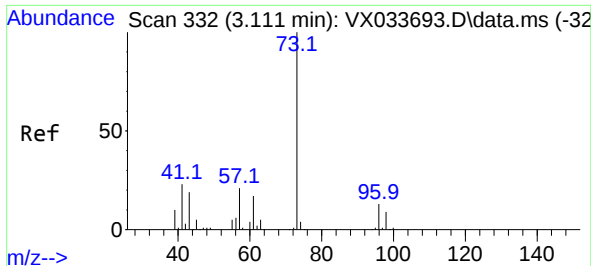


#18
Methyl Acetate
Concen: 50.001 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



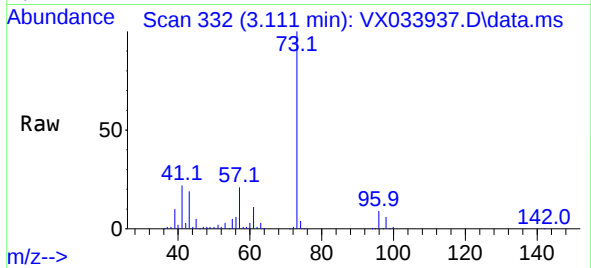
Tgt Ion: 43 Resp: 119866
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 47.826 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

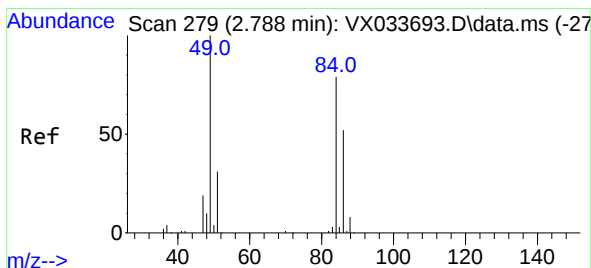
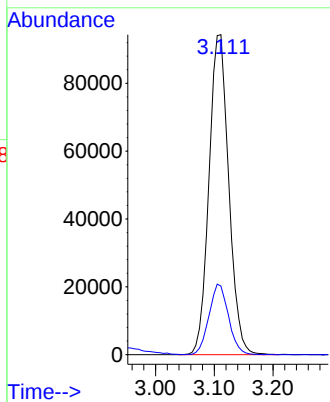
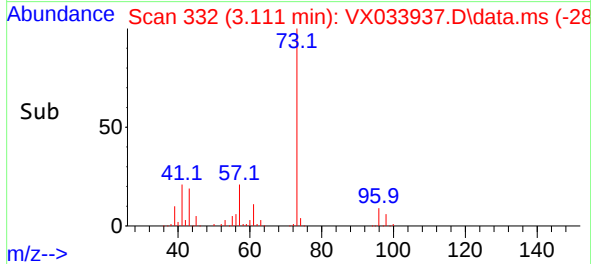
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 220499
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

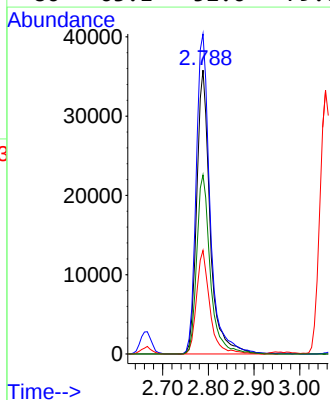
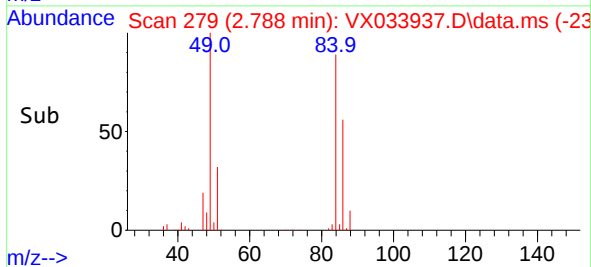
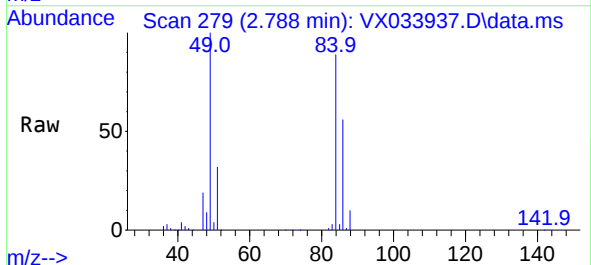
Manual Integrations
APPROVED

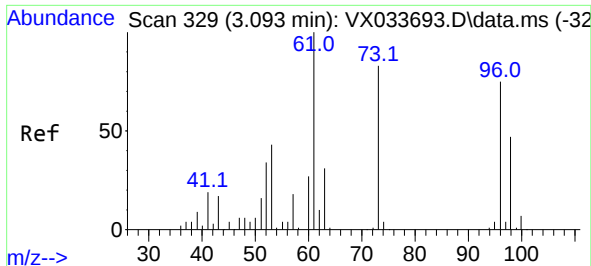
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#20
Methylene Chloride
Concen: 48.701 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

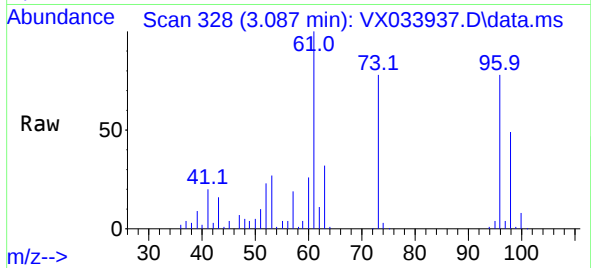
Tgt Ion: 84 Resp: 72836
Ion Ratio Lower Upper
84 100
49 112.8 101.1 151.7
51 36.5 31.0 46.6
86 63.1 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 43.911 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

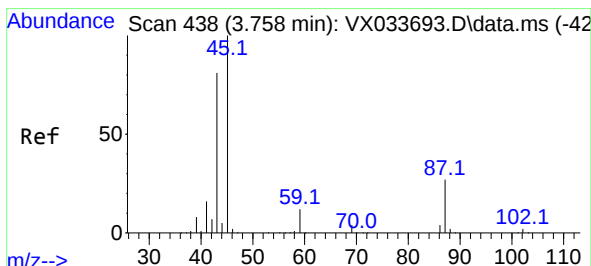
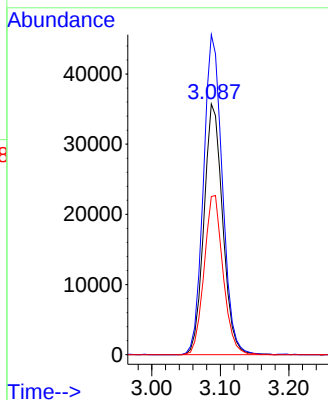
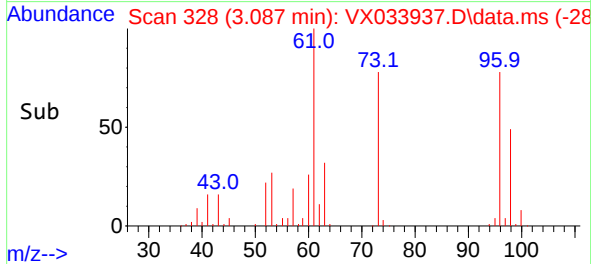
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



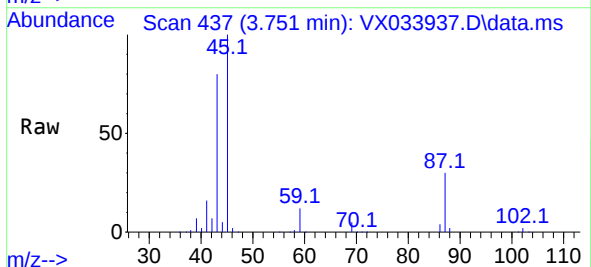
Tgt Ion: 96 Resp: 6814
Ion Ratio Lower Upper
96 100
61 127.6 106.7 160.1
98 63.1 50.0 75.0

Manual Integrations
APPROVED

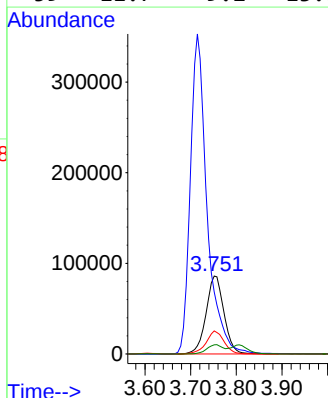
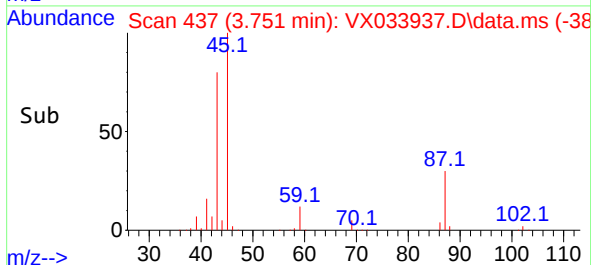
Reviewed By :John Carbone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

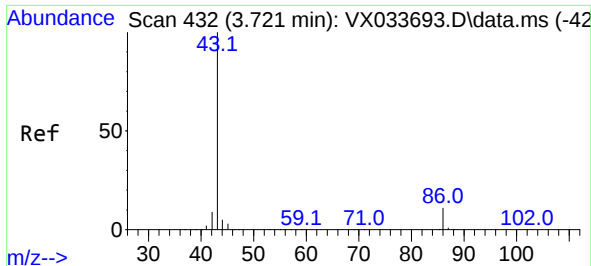


#22
Diisopropyl ether
Concen: 46.392 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



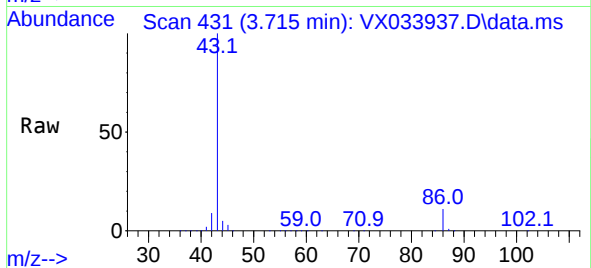
Tgt Ion: 45 Resp: 233696
Ion Ratio Lower Upper
45 100
43 79.1 64.6 97.0
87 29.6 21.9 32.9
59 11.7 9.2 13.8





#23
 Vinyl Acetate
 Concen: 237.107 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX033937.D
 Acq: 30 Jan 2023 11:28

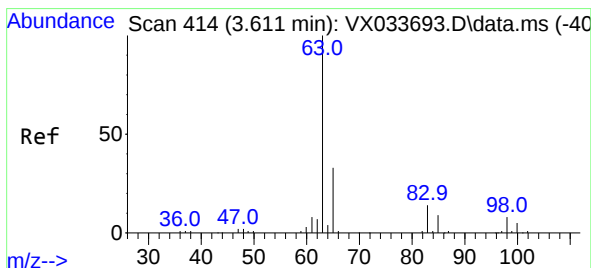
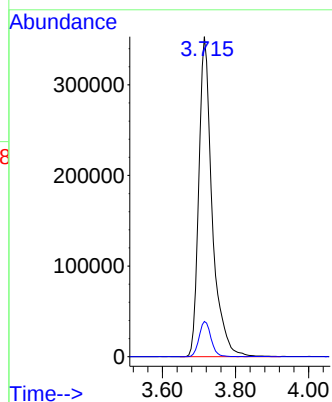
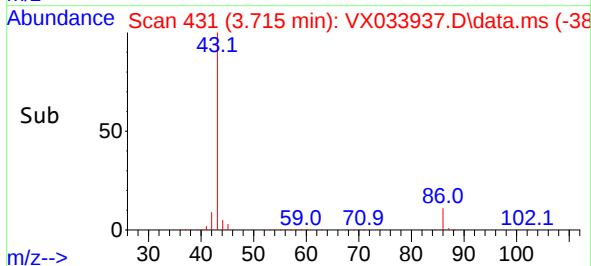
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



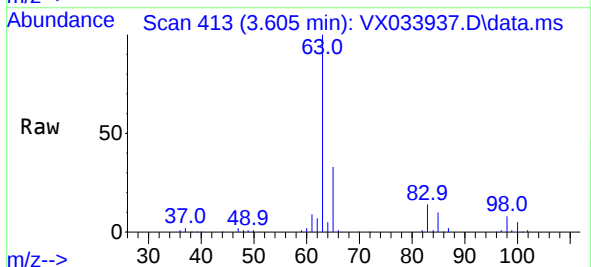
Tgt Ion: 43 Resp: 89915
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.4 12.6

Manual Integrations
 APPROVED

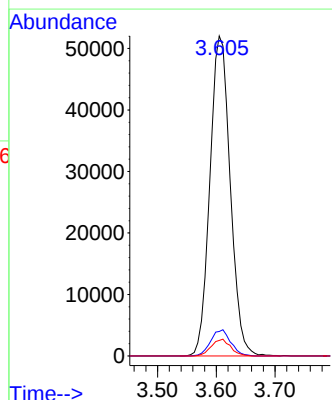
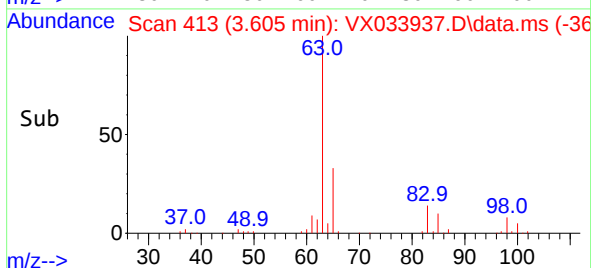
Reviewed By :John Carlone 01/31/2023
 Supervised By :Semsettin Yesilyurt 01/31/2023

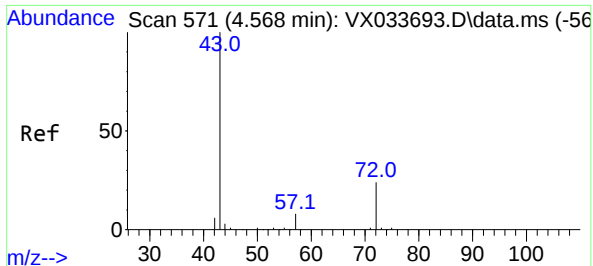


#24
 1,1-Dichloroethane
 Concen: 45.463 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033937.D
 Acq: 30 Jan 2023 11:28



Tgt Ion: 63 Resp: 125299
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.8 2.4 7.2





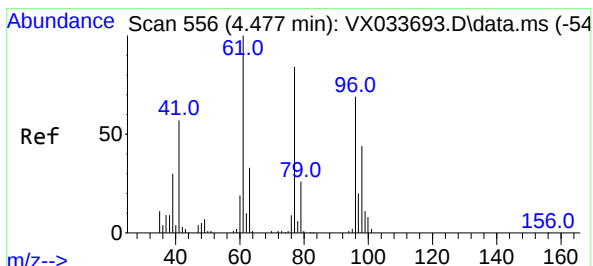
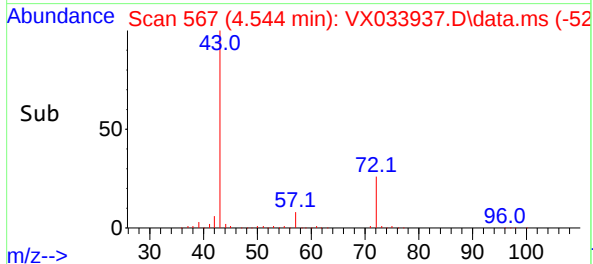
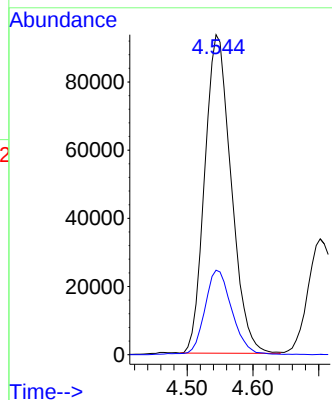
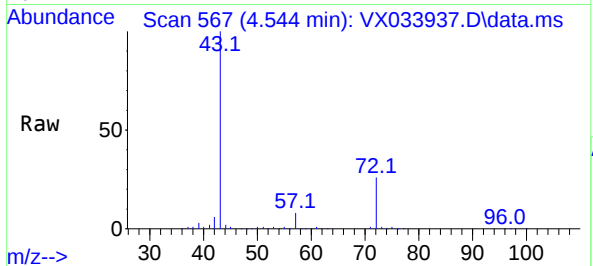
#25
2-Butanone
Concen: 233.076 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.024 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26159
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

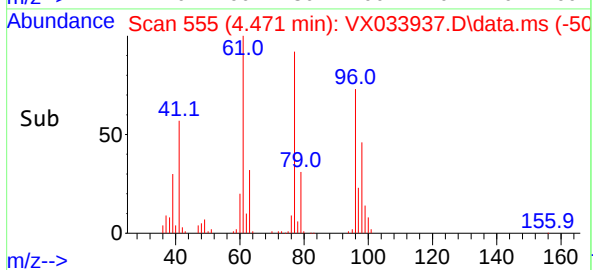
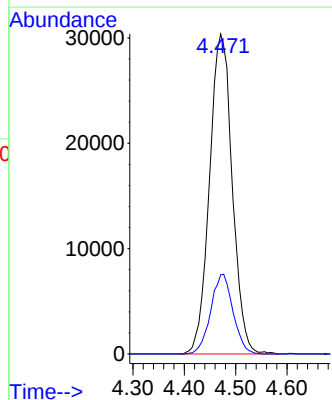
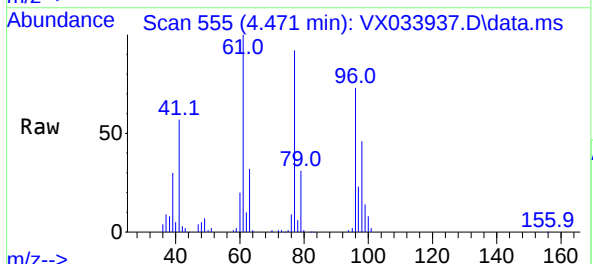
Manual Integrations
APPROVED

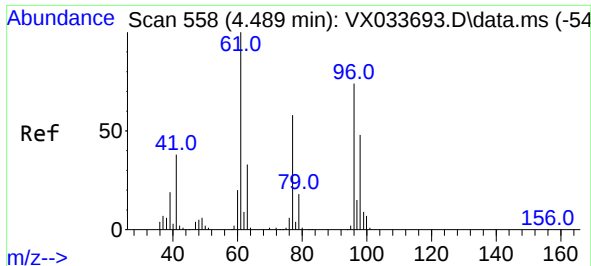
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#26
2,2-Dichloropropane
Concen: 47.228 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 77 Resp: 93237
Ion Ratio Lower Upper
77 100
97 24.4 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 46.625 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

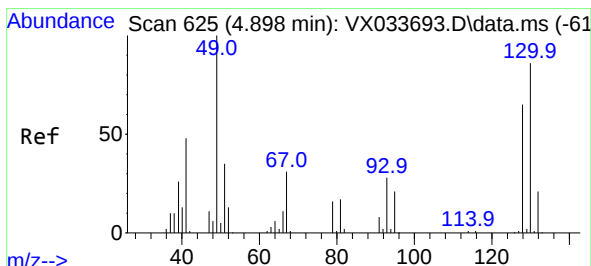
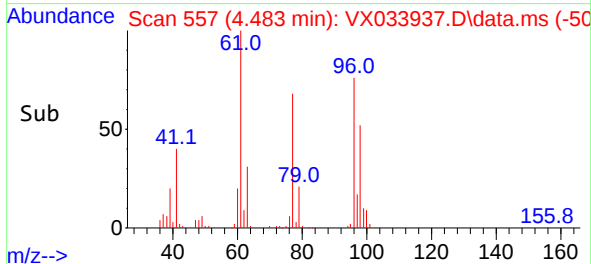
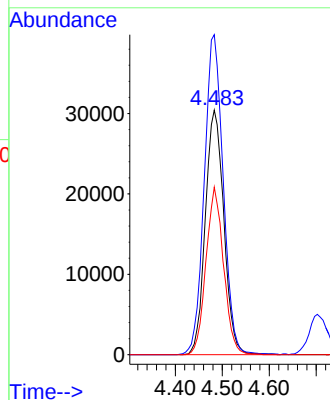
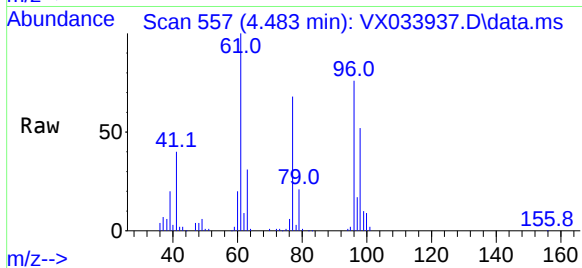
Tgt Ion: 96 Resp: 83184
Ion Ratio Lower Upper
96 100
61 133.9 0.0 277.6
98 65.1 0.0 128.0

Manual Integrations

APPROVED

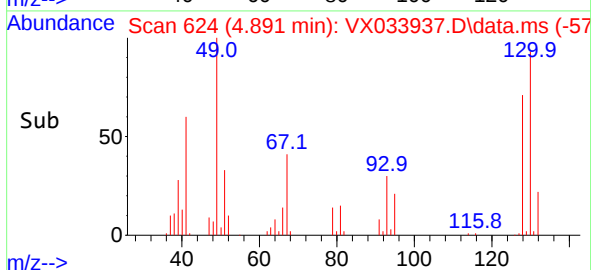
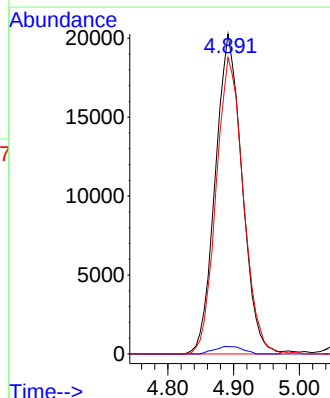
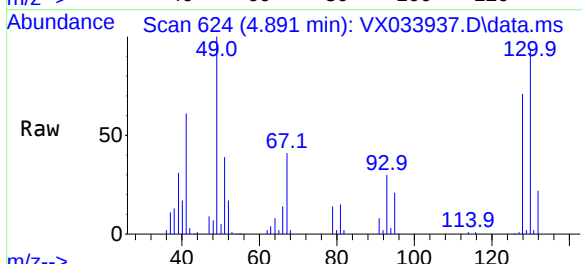
Reviewed By :John Carlone 01/31/2023

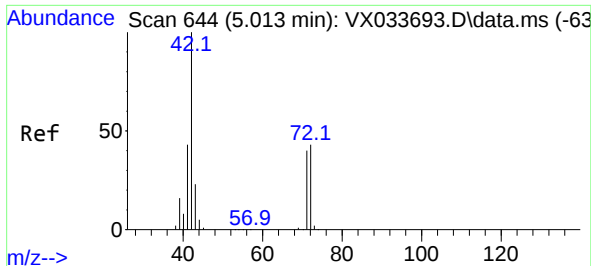
Supervised By :Semsettin Yesilyurt 01/31/2023



#28
Bromochloromethane
Concen: 45.746 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 49 Resp: 57430
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 94.1 68.5 102.7





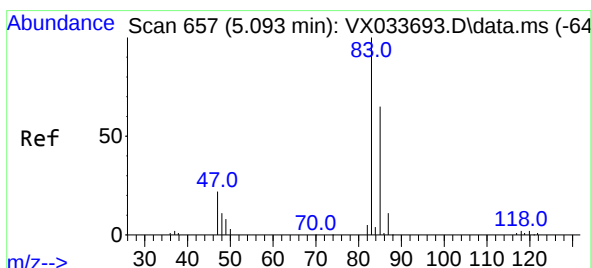
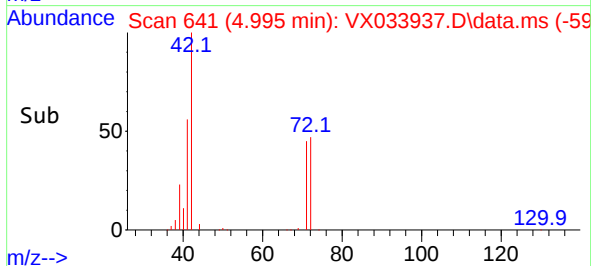
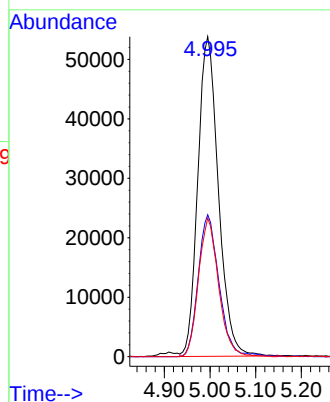
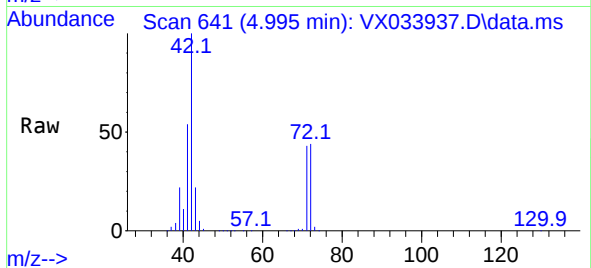
#29
Tetrahydrofuran
Concen: 237.865 ug/l
RT: 4.995 min Scan# 644
Delta R.T. -0.018 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 168259
Ion Ratio Lower Upper
42 100
72 45.1 34.8 52.2
71 42.2 32.2 48.2

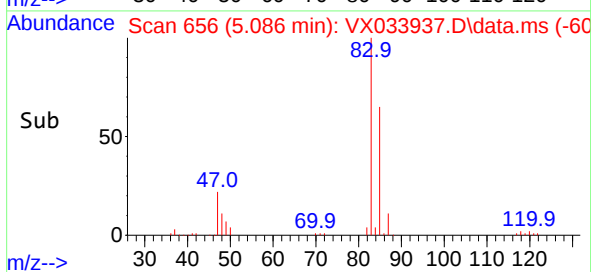
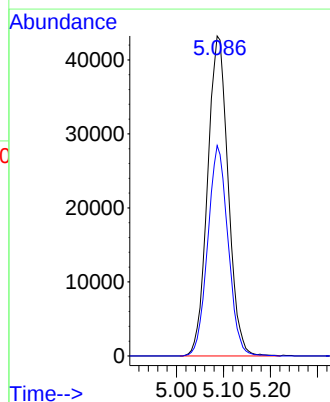
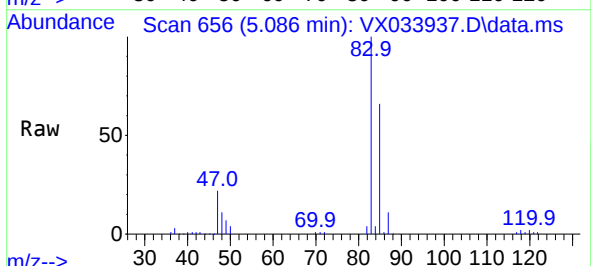
Manual Integrations
APPROVED

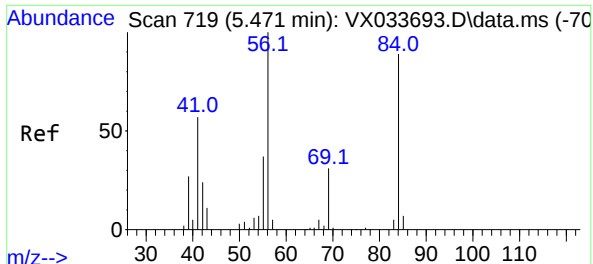
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#30
Chloroform
Concen: 46.503 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

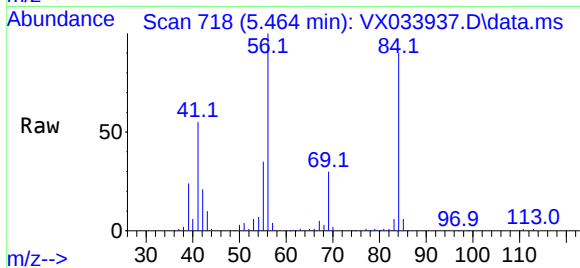
Tgt Ion: 83 Resp: 131270
Ion Ratio Lower Upper
83 100
85 65.7 52.1 78.1





#31
Cyclohexane
Concen: 42.627 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

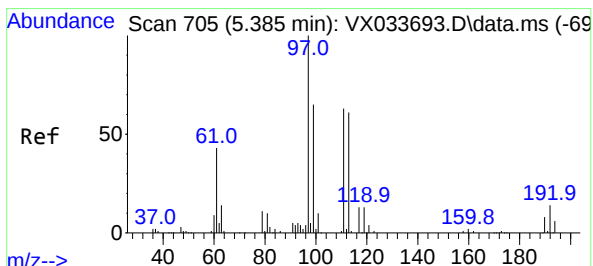
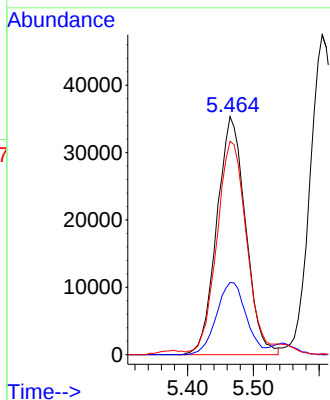
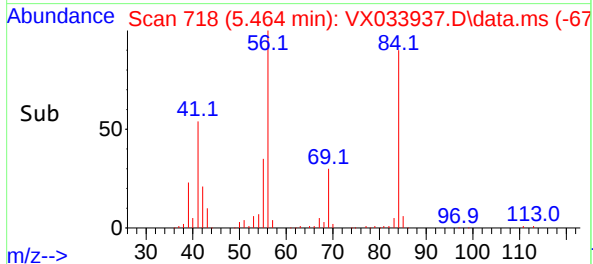
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



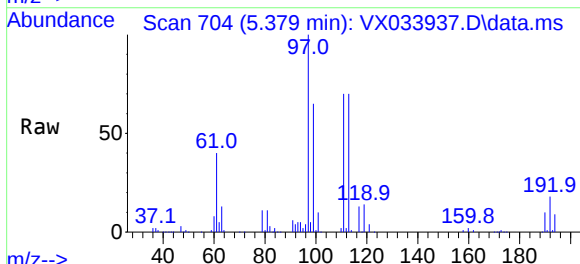
Tgt Ion: 56 Resp: 107740
Ion Ratio Lower Upper
56 100
69 30.3 24.6 37.0
84 88.2 71.0 106.6

Manual Integrations
APPROVED

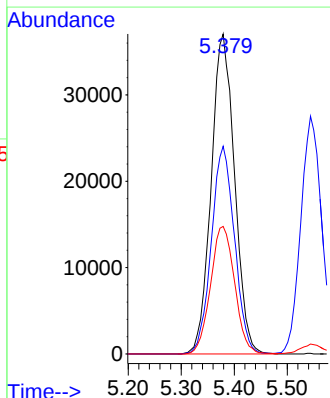
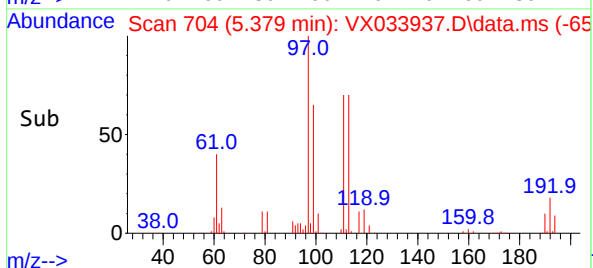
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

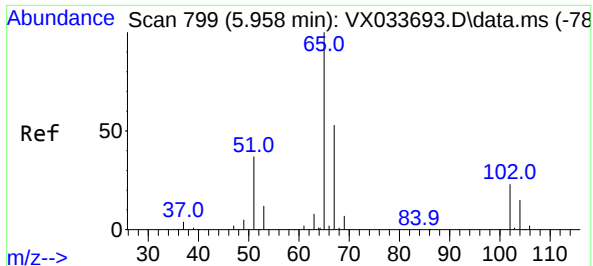


#32
1,1,1-Trichloroethane
Concen: 47.041 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



Tgt Ion: 97 Resp: 113374
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 41.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.965 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80674

Ion Ratio Lower Upper

65 100

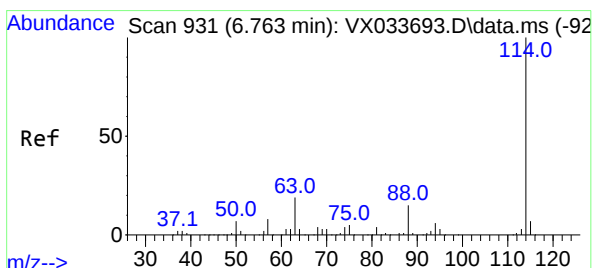
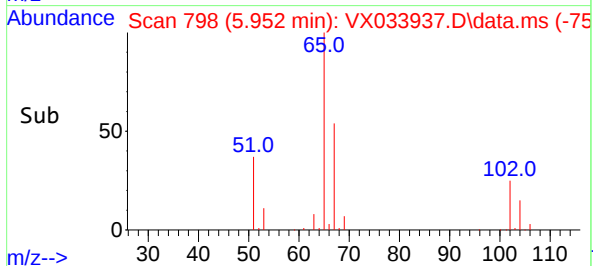
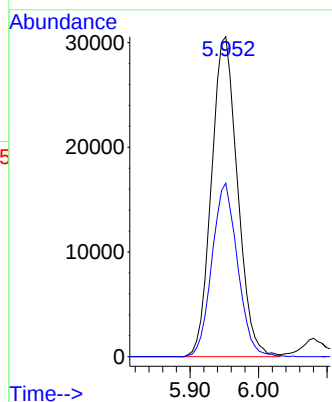
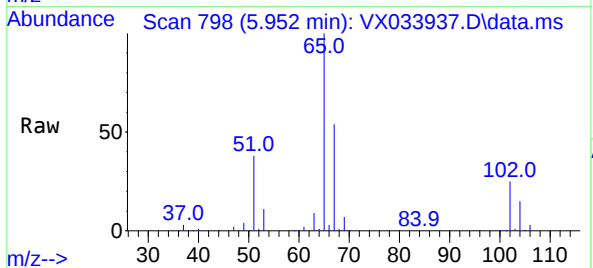
67 53.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2023

Supervised By :Semsettin Yesilyurt 01/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

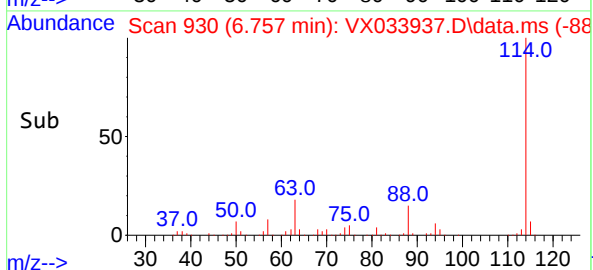
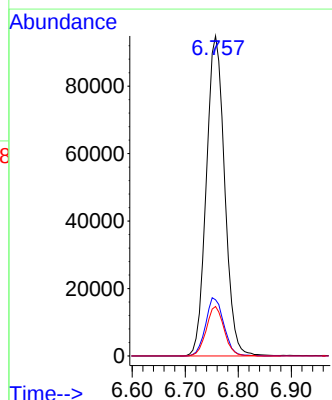
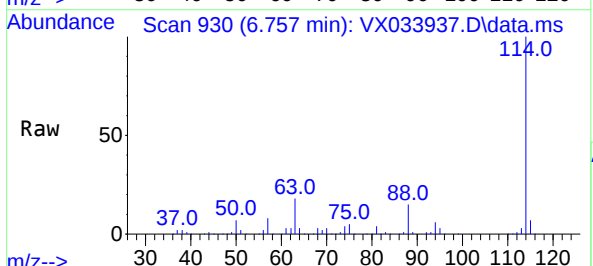
Tgt Ion:114 Resp: 227673

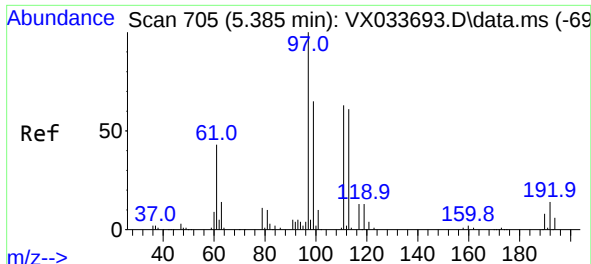
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

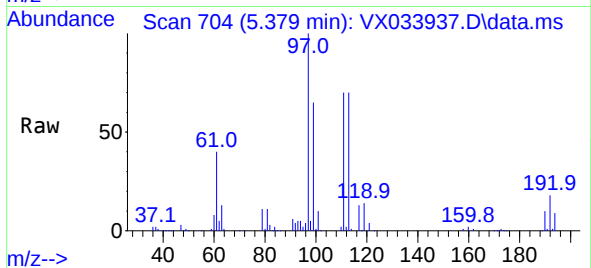
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.496 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

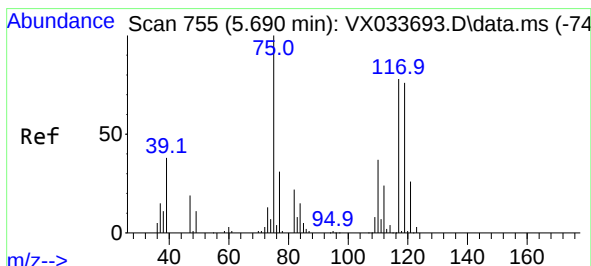
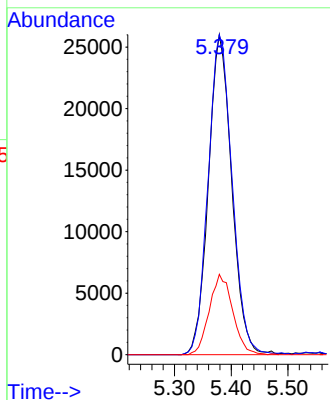
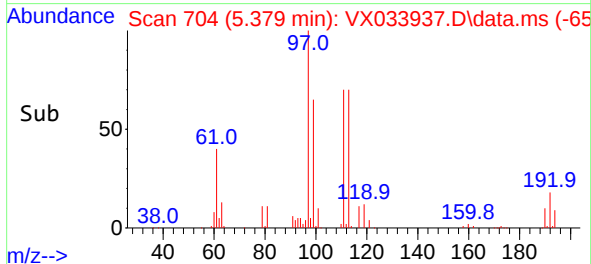
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 74215
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 25.2 19.0 28.4

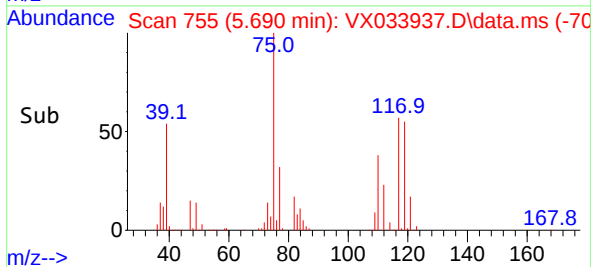
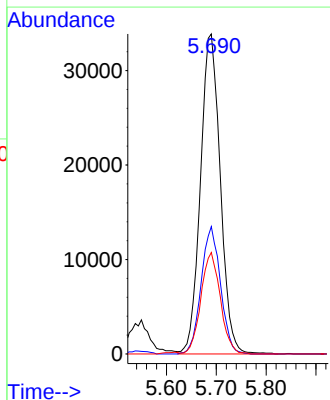
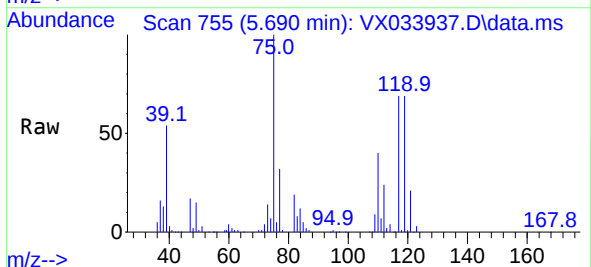
Manual Integrations
APPROVED

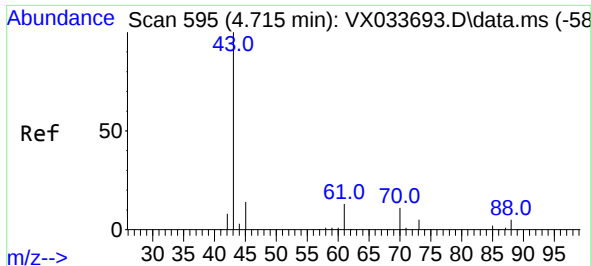
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#36
1,1-Dichloropropene
Concen: 45.468 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 75 Resp: 93813
Ion Ratio Lower Upper
75 100
110 38.7 18.8 56.4
77 31.0 25.1 37.7





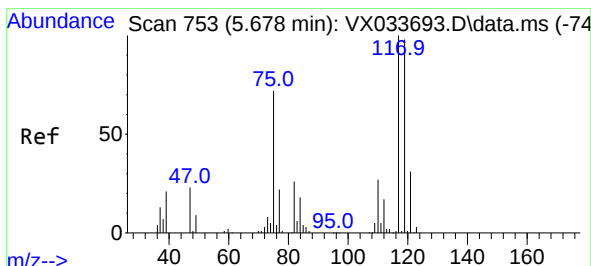
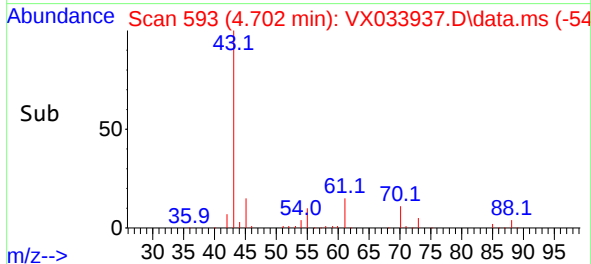
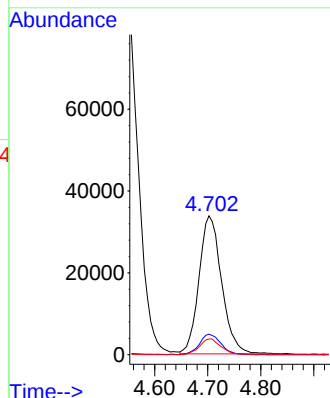
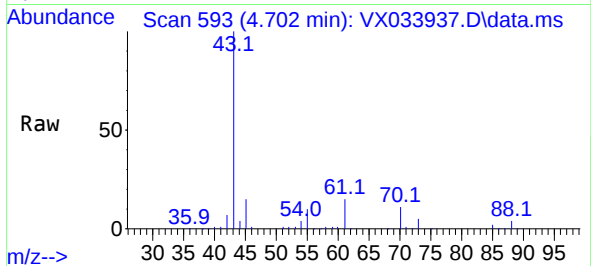
#37
Ethyl Acetate
Concen: 50.794 ug/l
RT: 4.702 min Scan# 591
Delta R.T. -0.013 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9991
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 10.9 8.5 12.7

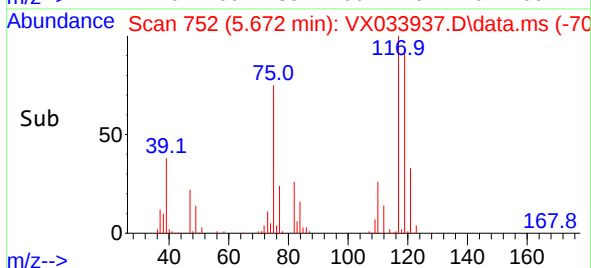
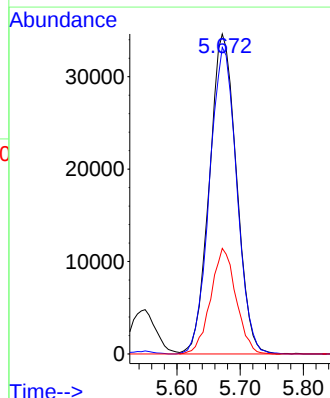
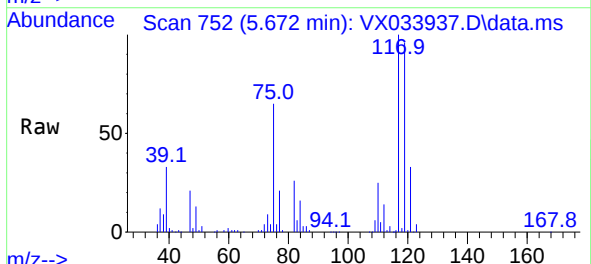
Manual Integrations
APPROVED

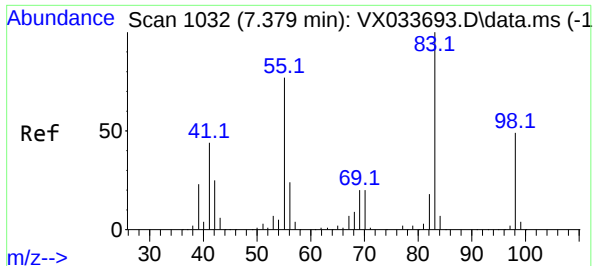
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#38
Carbon Tetrachloride
Concen: 48.017 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion:117 Resp: 102610
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0
121 33.0 24.4 36.6





#39
Methylcyclohexane
Concen: 45.607 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

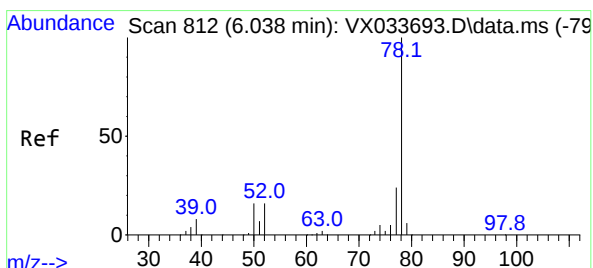
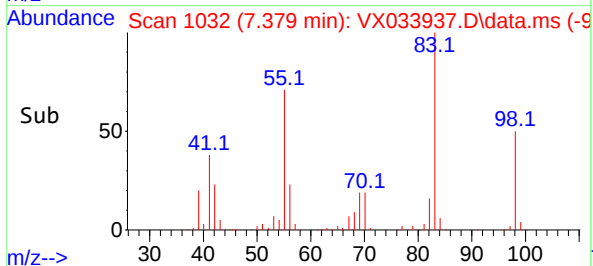
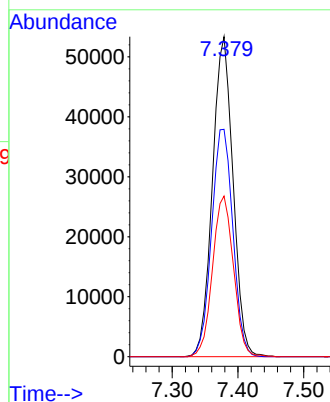
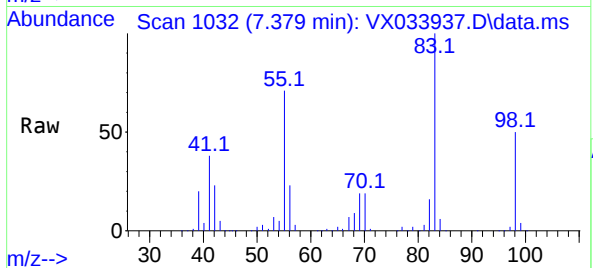
Tgt Ion: 83 Resp: 116209
Ion Ratio Lower Upper
83 100
55 71.1 61.8 92.6
98 50.2 39.3 58.9

Manual Integrations

APPROVED

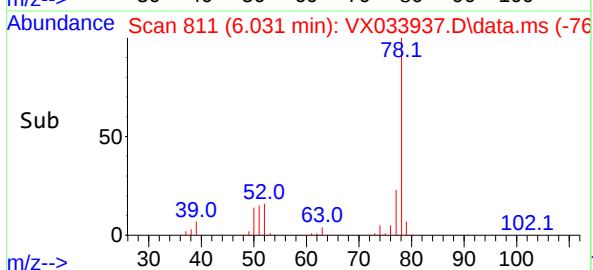
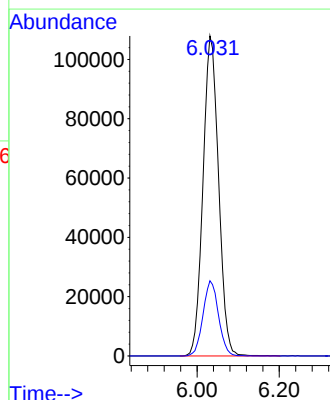
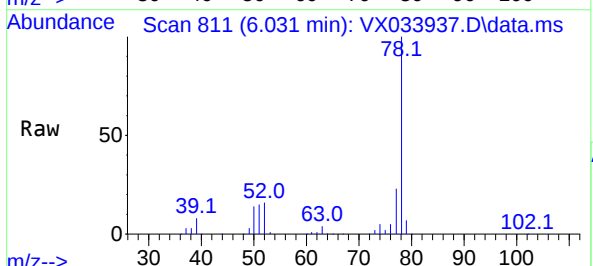
Reviewed By :John Carlone 01/31/2023

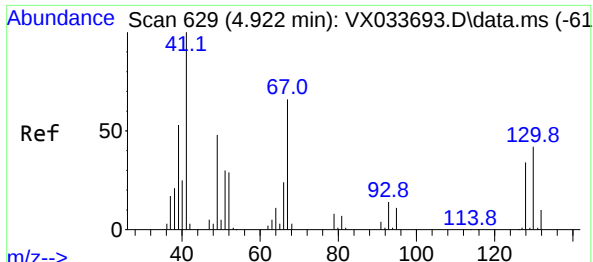
Supervised By :Semsettin Yesilyurt 01/31/2023



#40
Benzene
Concen: 47.159 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 78 Resp: 283609
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





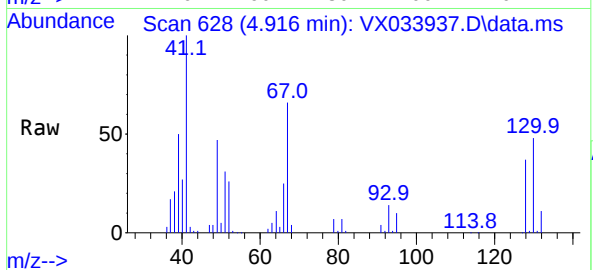
#41
Methacrylonitrile
Concen: 52.543 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

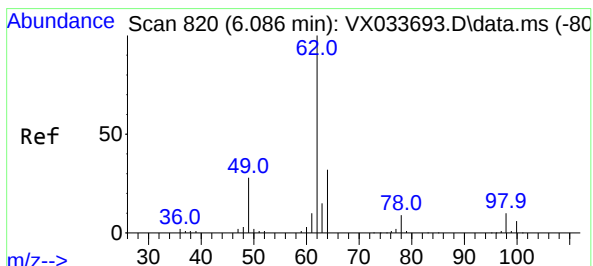
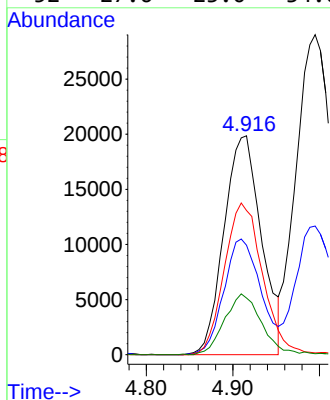
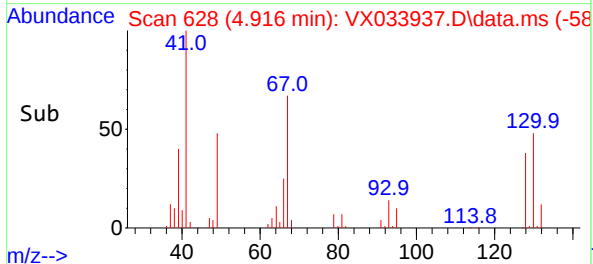


Tgt Ion: 41 Resp: 5974
Ion Ratio Lower Upper
41 100
39 52.4 43.8 65.6
67 71.1 54.8 82.2
52 27.6 23.0 34.6

Manual Integrations

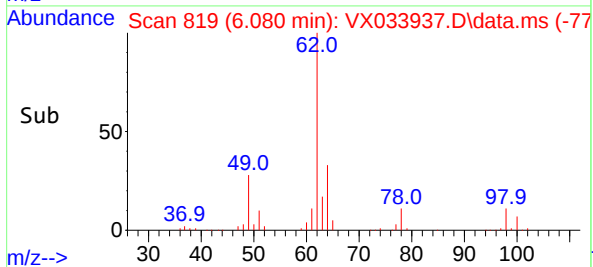
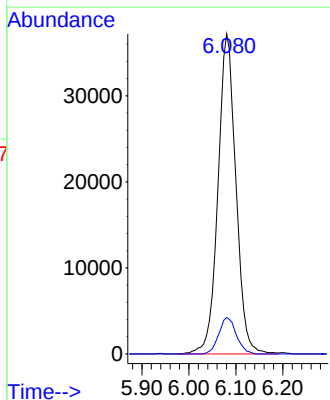
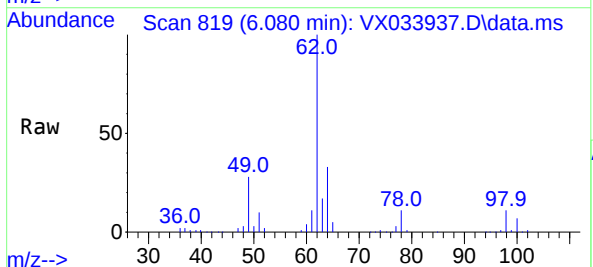
APPROVED

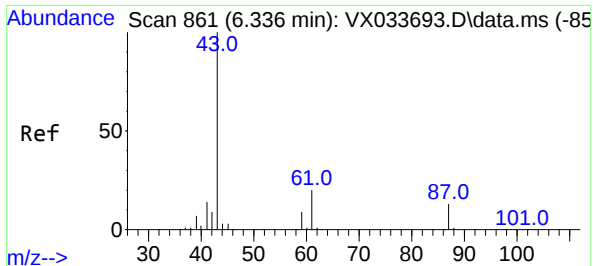
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#42
1,2-Dichloroethane
Concen: 46.385 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

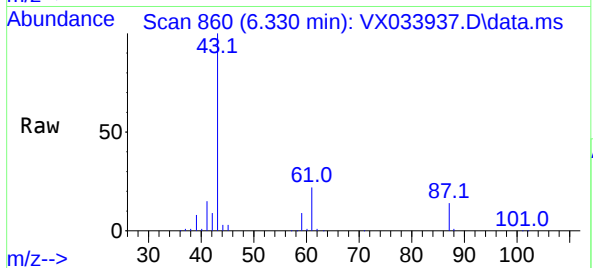
Tgt Ion: 62 Resp: 98859
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 49.579 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

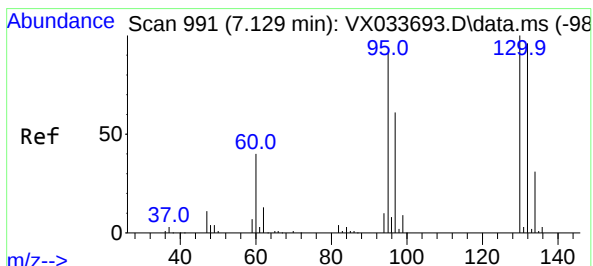
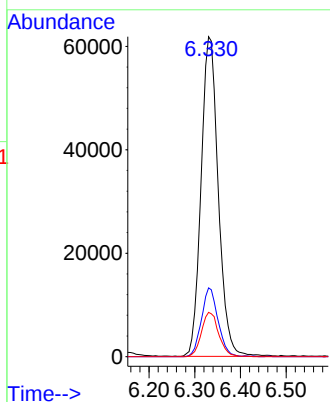
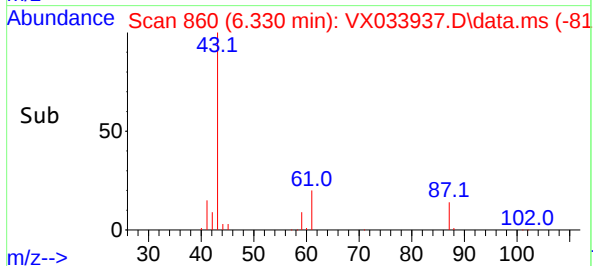
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



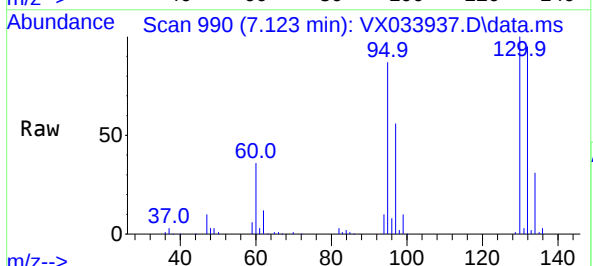
Tgt Ion: 43 Resp: 16149
Ion Ratio Lower Upper
43 100
61 20.8 15.7 23.5
87 13.9 10.6 15.8

Manual Integrations
APPROVED

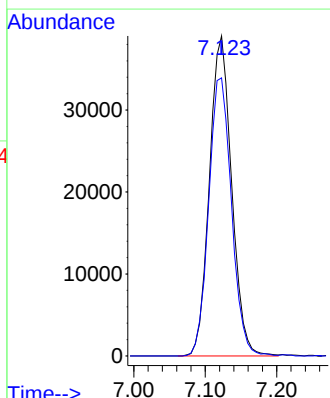
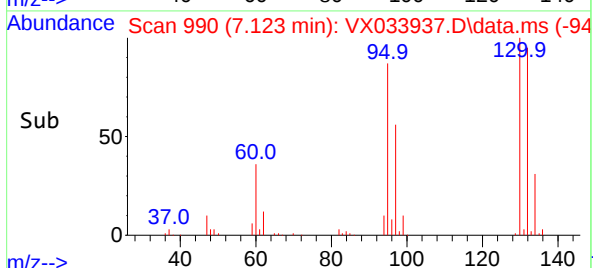
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

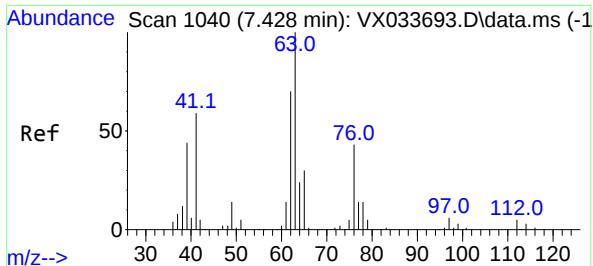


#44
Trichloroethene
Concen: 50.097 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



Tgt Ion:130 Resp: 84249
Ion Ratio Lower Upper
130 100
95 86.9 0.0 182.6





#45

1,2-Dichloropropane

Concen: 49.653 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7480

Ion Ratio Lower Upper

63 100

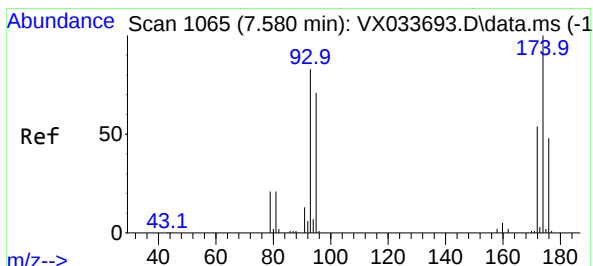
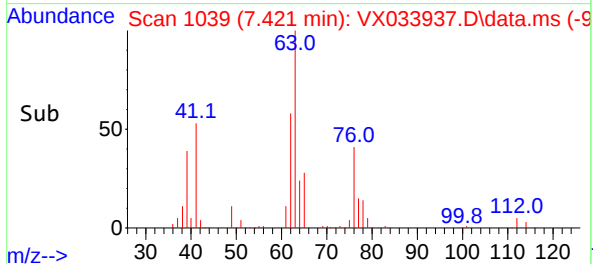
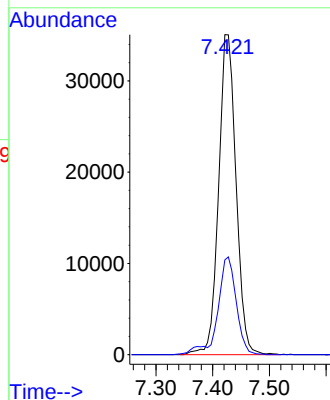
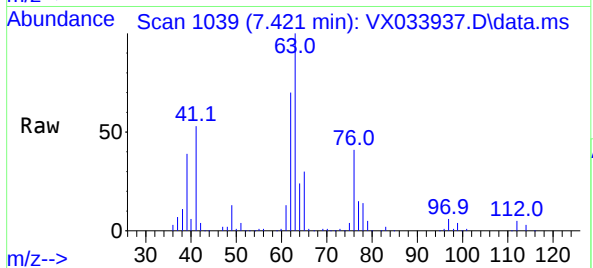
65 29.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2023

Supervised By :Semsettin Yesilyurt 01/31/2023



#46

Dibromomethane

Concen: 49.477 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

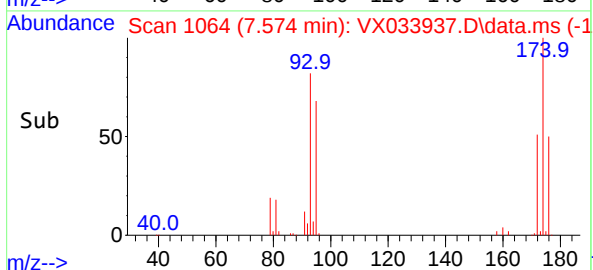
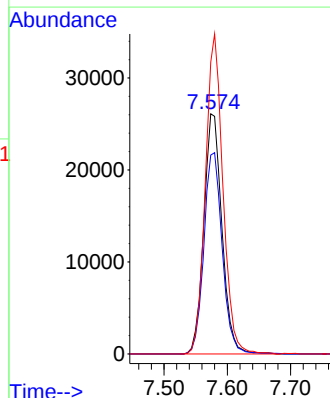
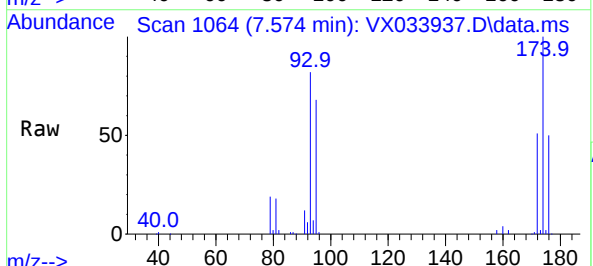
Tgt Ion: 93 Resp: 52064

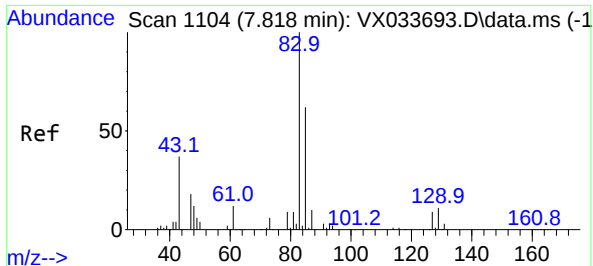
Ion Ratio Lower Upper

93 100

95 84.9 67.6 101.4

174 128.7 97.4 146.0





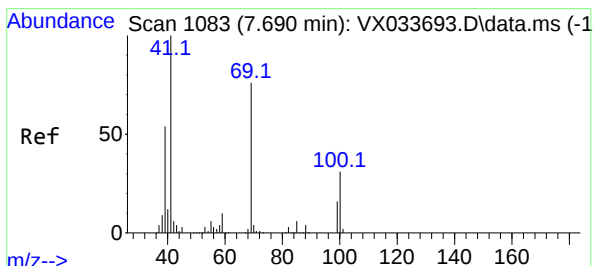
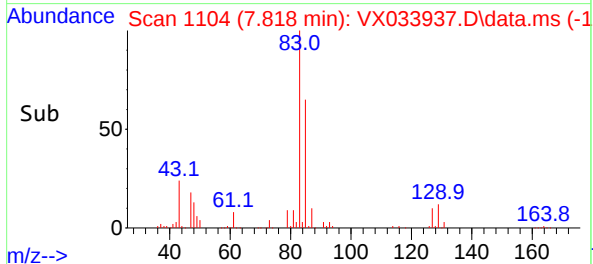
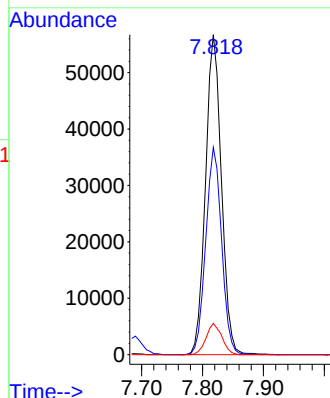
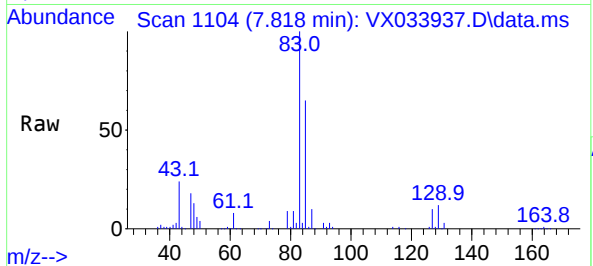
#47
Bromodichloromethane
Concen: 50.724 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 102860
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 9.8 7.0 10.4

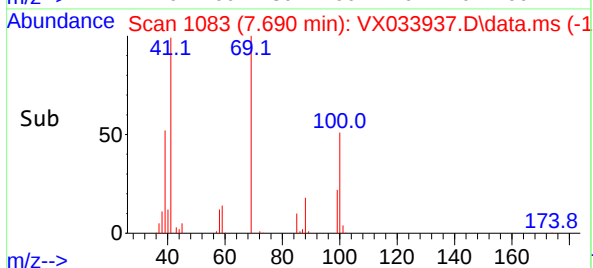
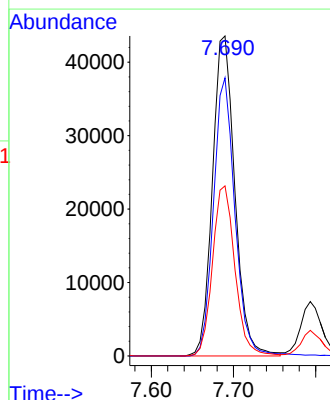
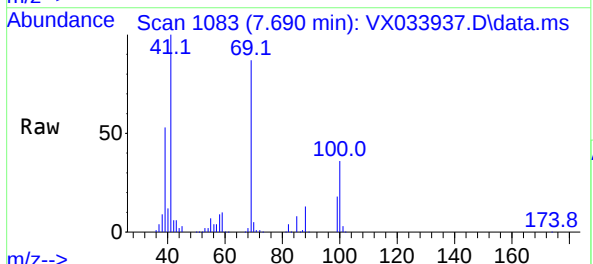
Manual Integrations
APPROVED

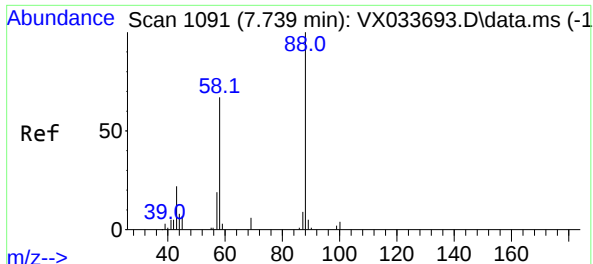
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#48
Methyl methacrylate
Concen: 50.319 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 41 Resp: 82564
Ion Ratio Lower Upper
41 100
69 83.5 63.1 94.7
39 53.1 43.2 64.8





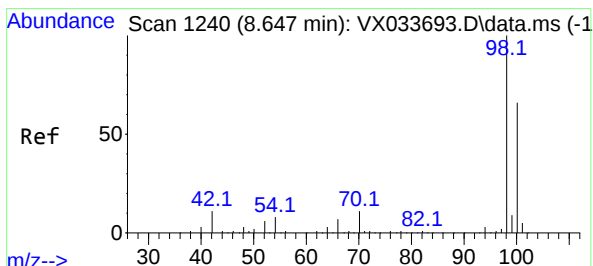
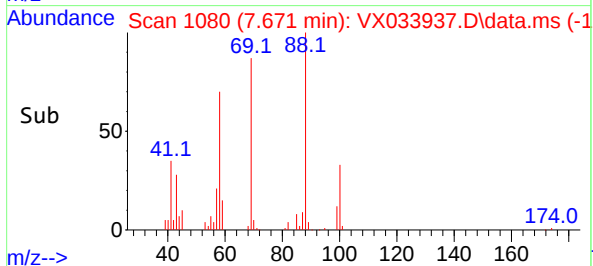
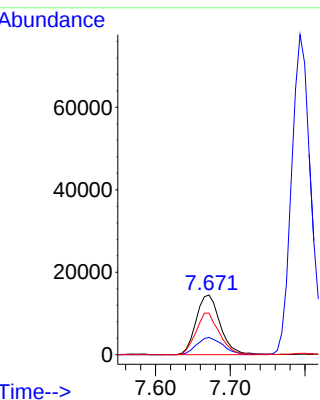
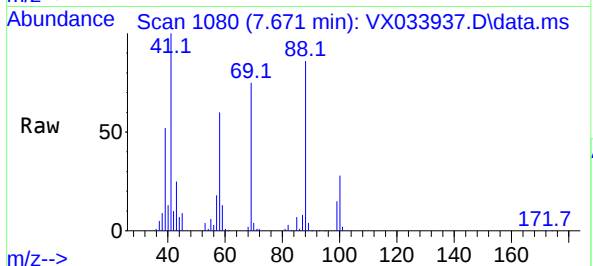
#49
1,4-Dioxane
Concen: 894.467 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.067 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 32464
Ion Ratio Lower Upper
88 100
43 31.6 0.0 0.0
58 68.2 56.5 84.7

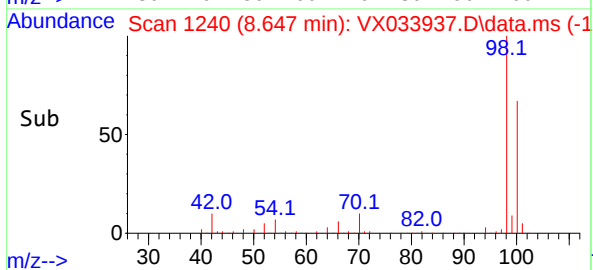
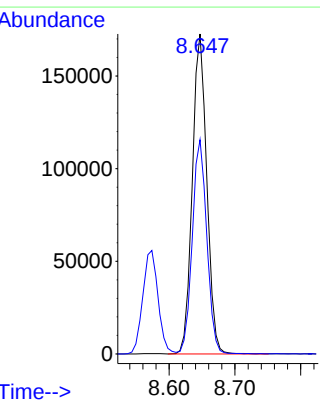
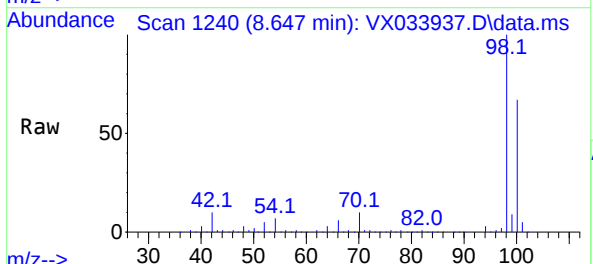
Manual Integrations
APPROVED

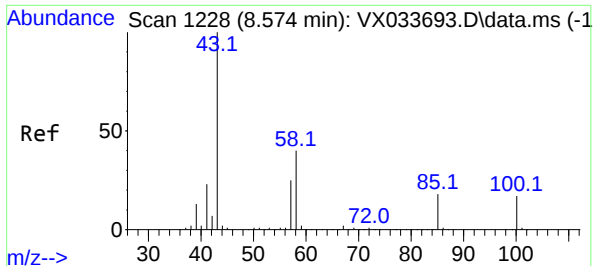
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#50
Toluene-d8
Concen: 51.245 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 98 Resp: 263959
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 254.279 ug/l

RT: 8.568 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 50866

Ion Ratio Lower Upper

43 100

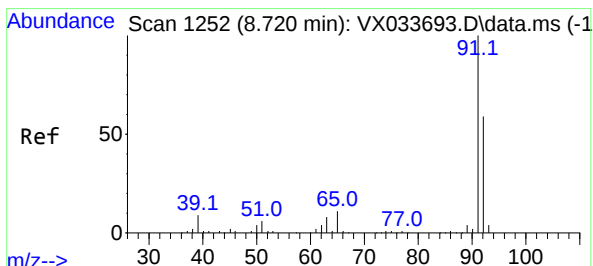
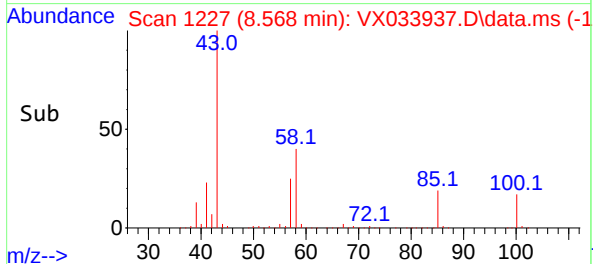
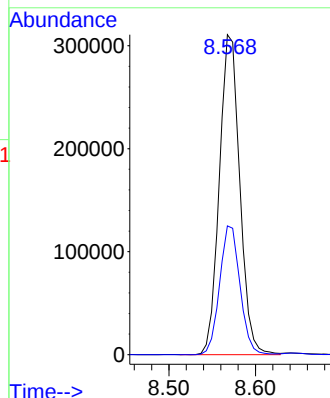
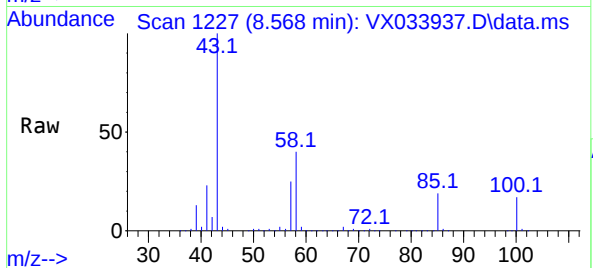
58 40.3 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2023

Supervised By :Semsettin Yesilyurt 01/31/2023



#52

Toluene

Concen: 47.862 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033937.D

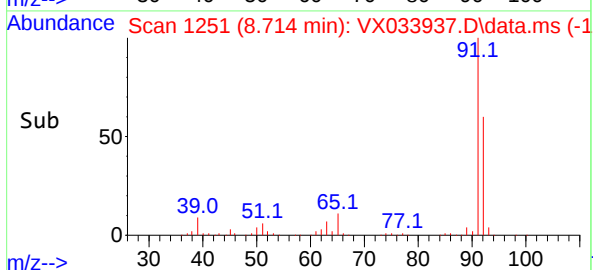
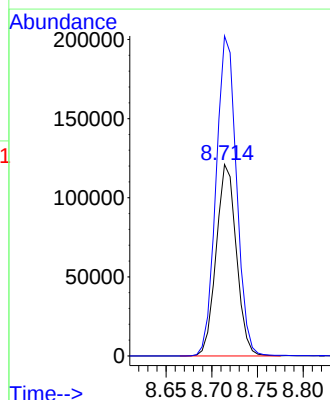
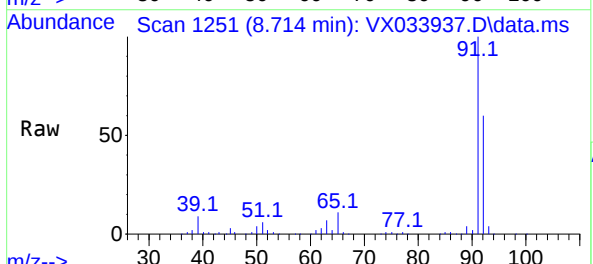
Acq: 30 Jan 2023 11:28

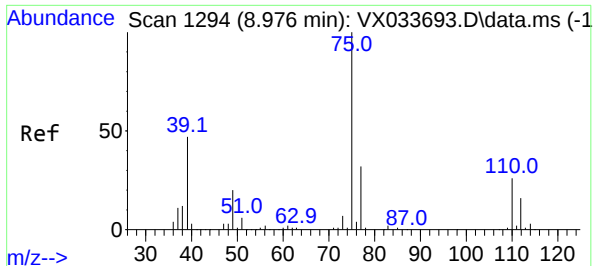
Tgt Ion: 92 Resp: 185881

Ion Ratio Lower Upper

92 100

91 169.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 53.170 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 10783

Ion Ratio Lower Upper

75 100

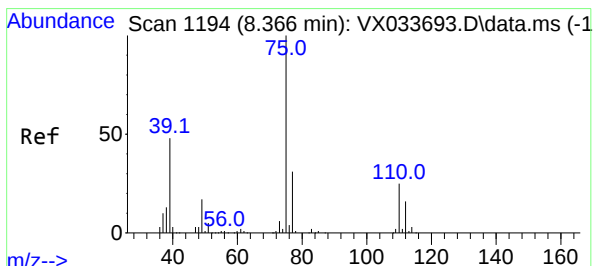
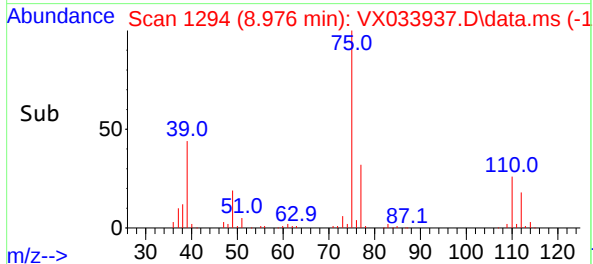
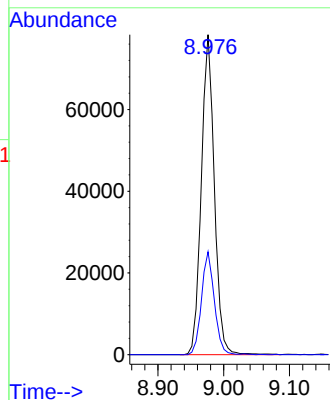
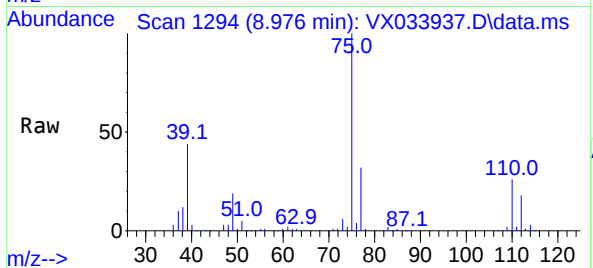
77 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2023

Supervised By :Semsettin Yesilyurt 01/31/2023



#54

cis-1,3-Dichloropropene

Concen: 52.871 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

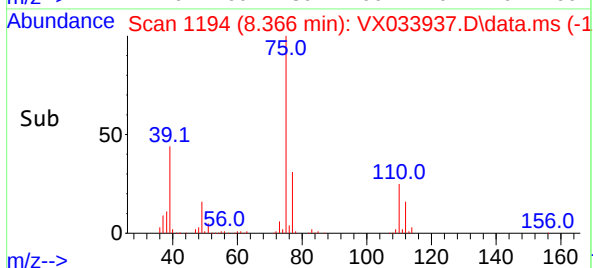
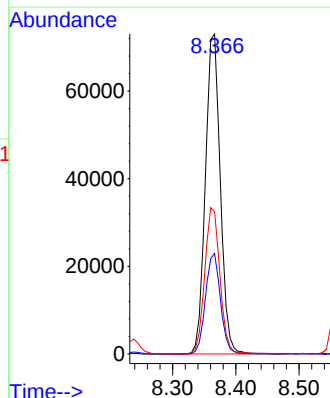
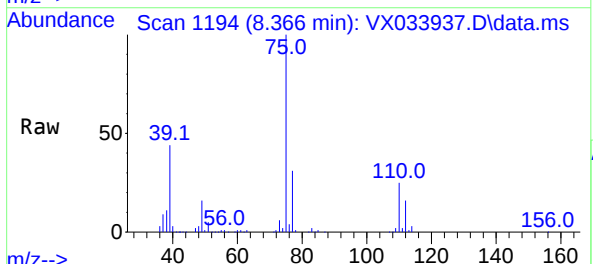
Tgt Ion: 75 Resp: 120147

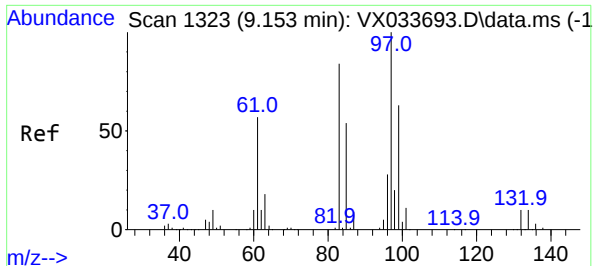
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 44.4 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 51.525 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

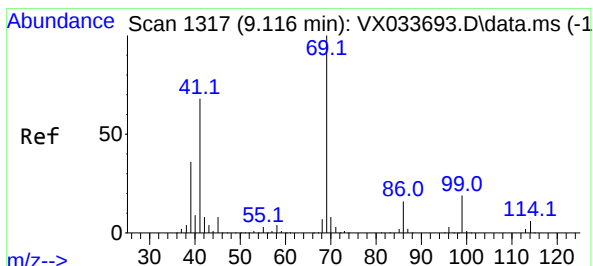
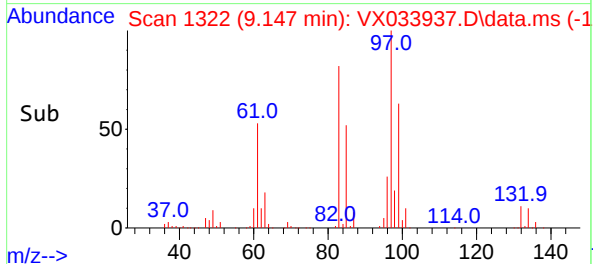
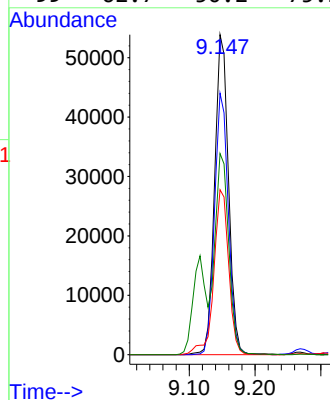
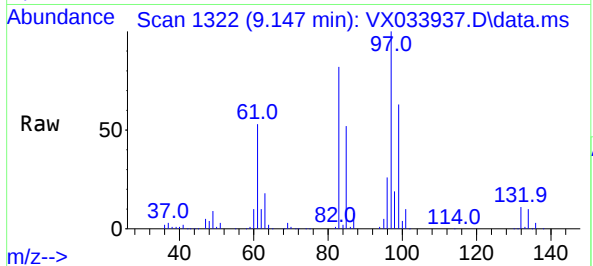
VSTDCCC050

Tgt Ion: 97 Resp: 79210
Ion Ratio Lower Upper
97 100
83 81.7 67.4 101.0
85 51.6 43.2 64.8
99 62.7 50.2 75.2

Manual Integrations

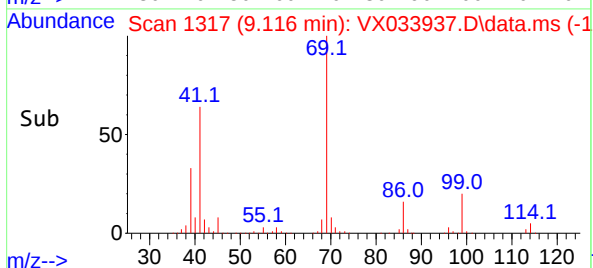
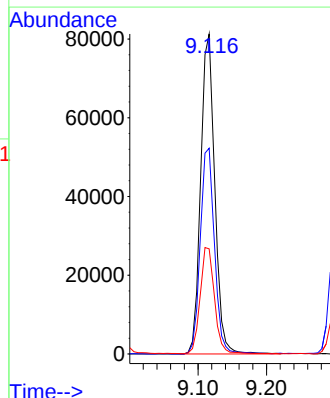
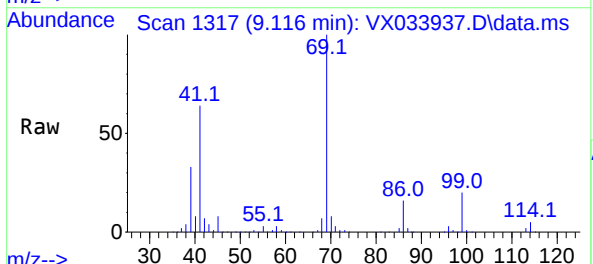
APPROVED

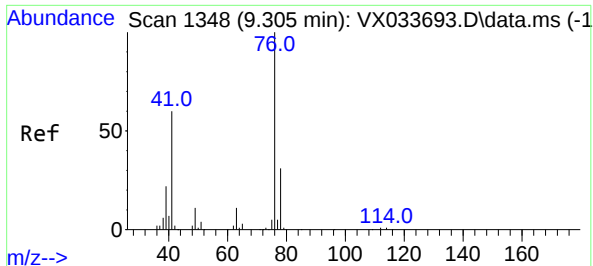
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#56
Ethyl methacrylate
Concen: 53.798 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 69 Resp: 116392
Ion Ratio Lower Upper
69 100
41 65.2 55.1 82.7
39 33.9 28.5 42.7





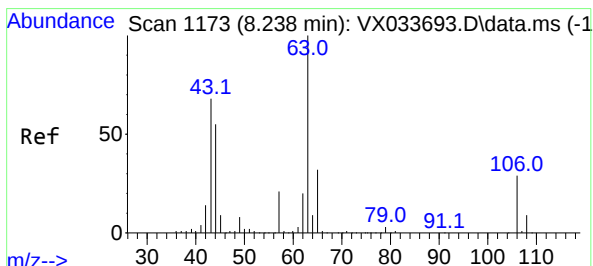
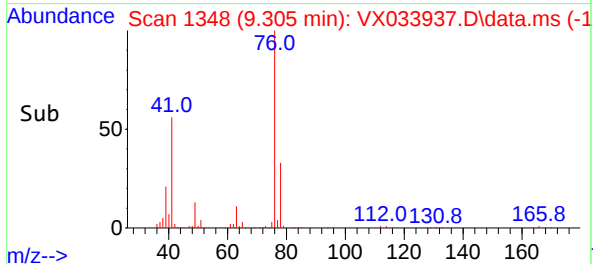
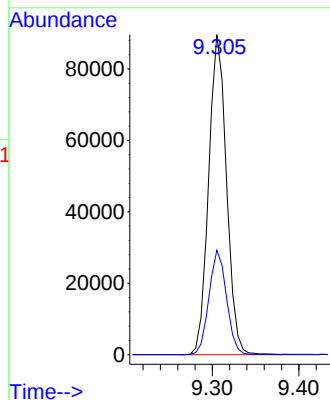
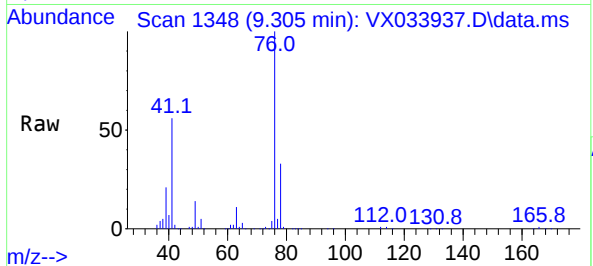
#57
1,3-Dichloropropane
Concen: 51.408 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 12814
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

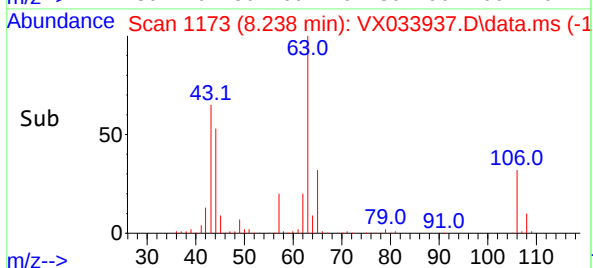
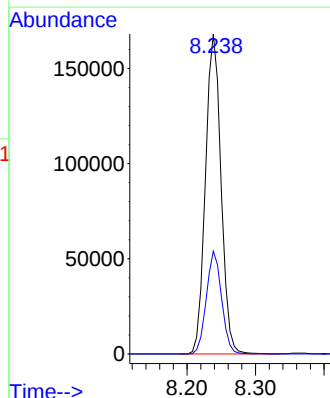
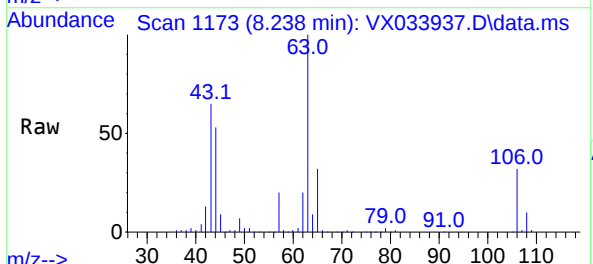
Manual Integrations
APPROVED

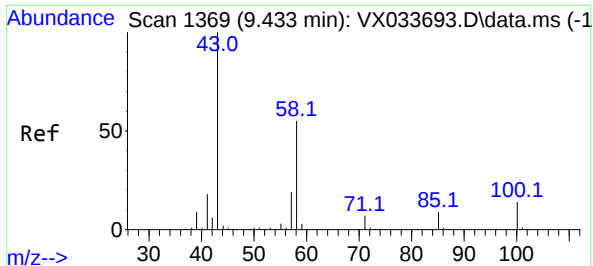
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 249.644 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 63 Resp: 265996
Ion Ratio Lower Upper
63 100
106 31.4 24.5 36.7





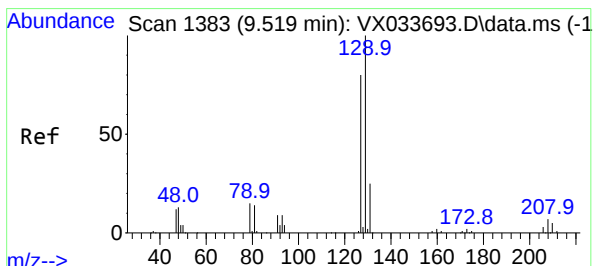
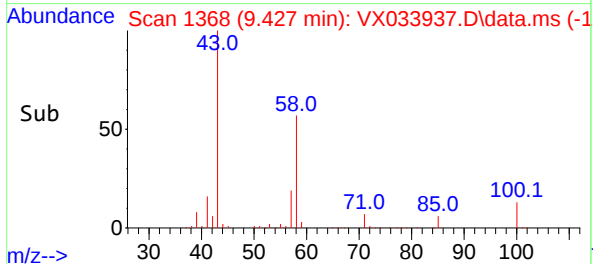
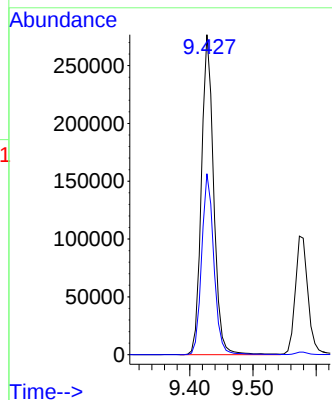
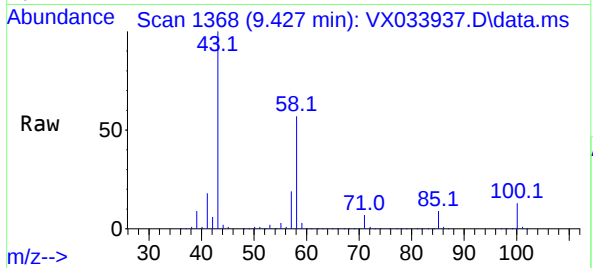
#59
2-Hexanone
Concen: 267.099 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 37189
Ion Ratio Lower Upper
43 100
58 56.5 27.4 82.0

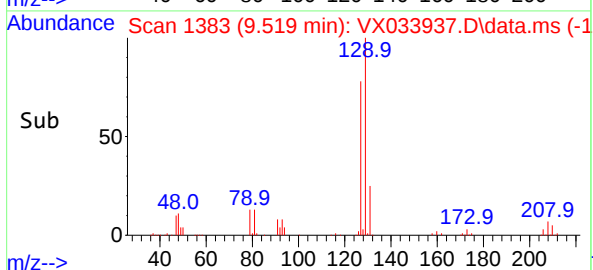
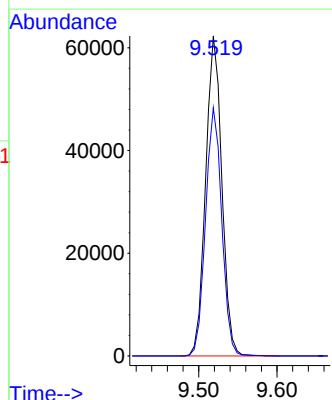
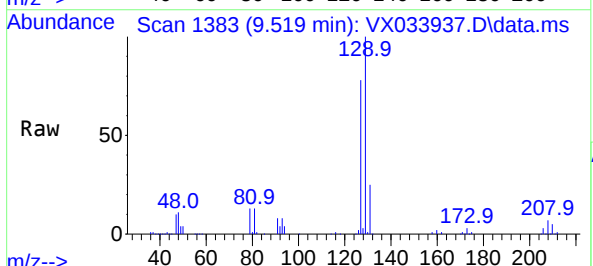
Manual Integrations
APPROVED

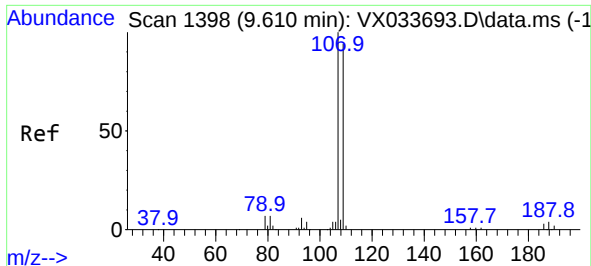
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#60
Dibromochloromethane
Concen: 56.078 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

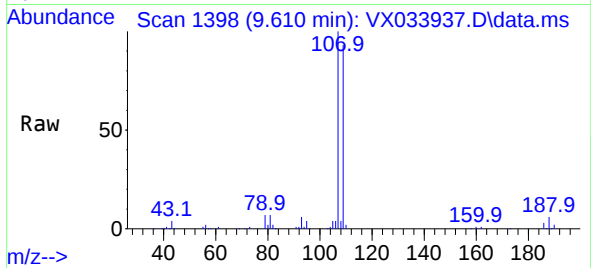
Tgt Ion:129 Resp: 89377
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 54.229 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

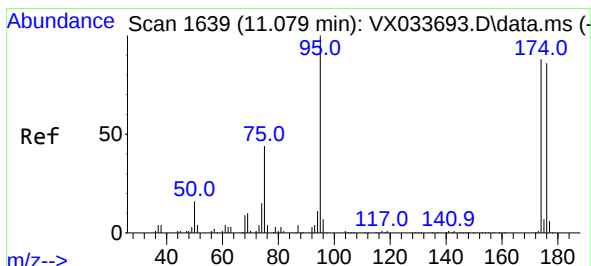
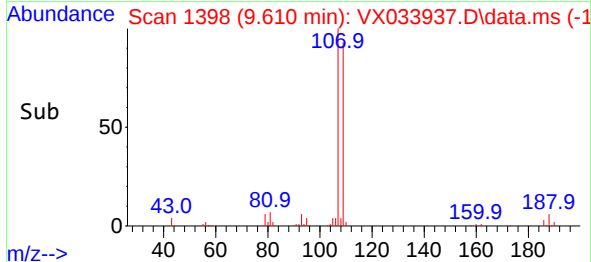
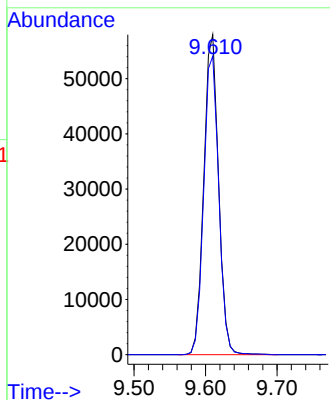
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 83199
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.2

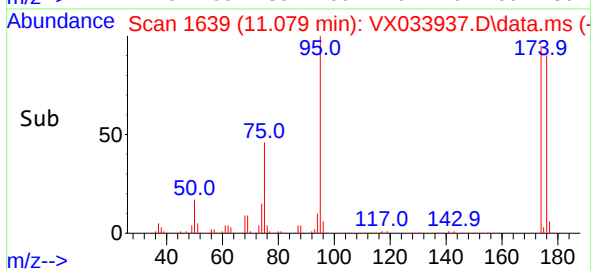
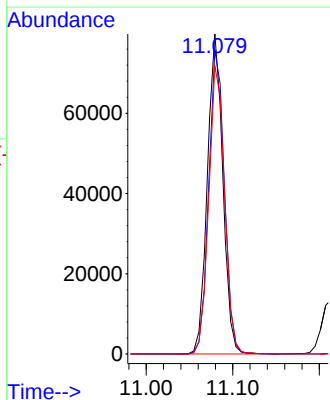
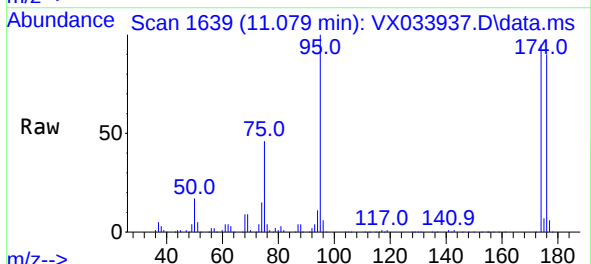
Manual Integrations
APPROVED

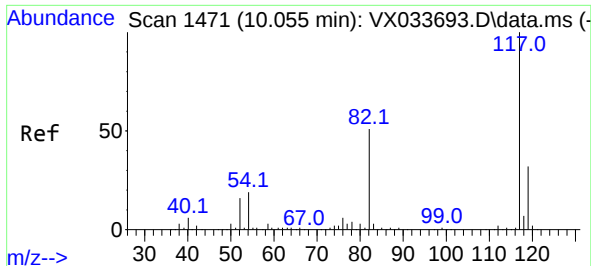
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#62
4-Bromofluorobenzene
Concen: 51.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

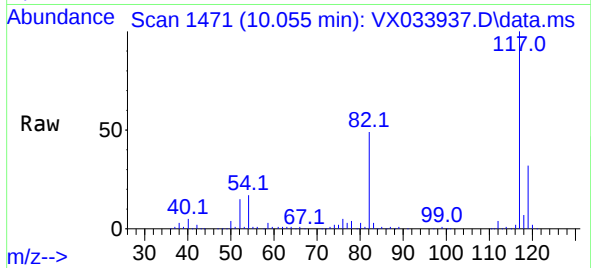
Tgt Ion: 95 Resp: 98943
Ion Ratio Lower Upper
95 100
174 96.3 0.0 184.4
176 92.1 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

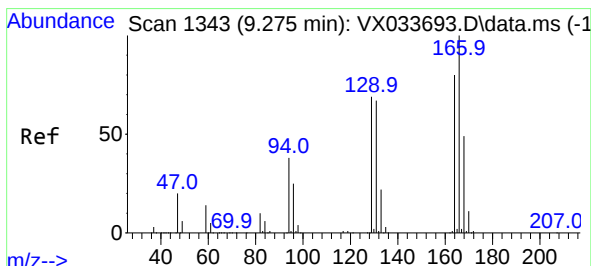
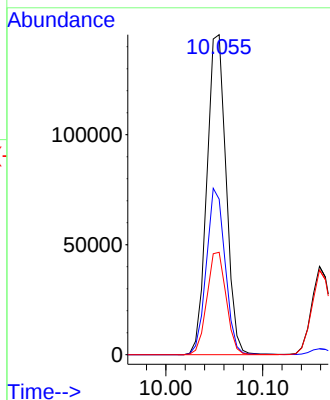
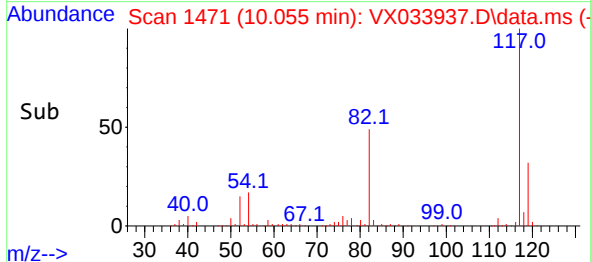
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 201349
Ion Ratio Lower Upper
117 100
82 48.6 40.6 60.8
119 32.0 25.6 38.4

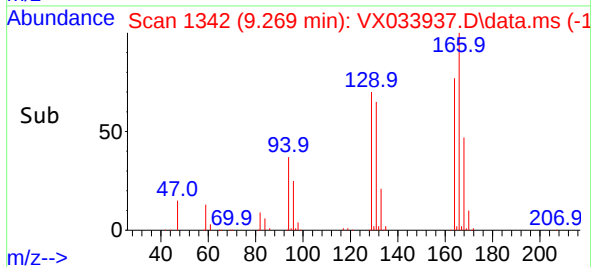
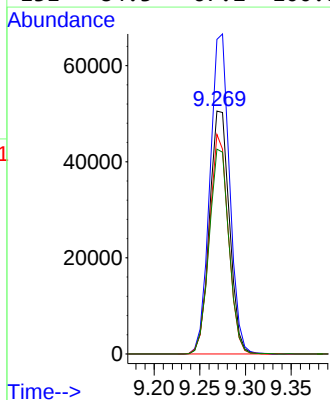
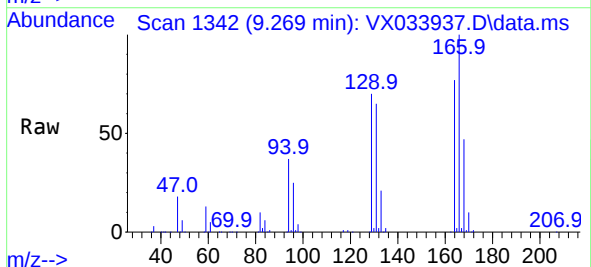
Manual Integrations
APPROVED

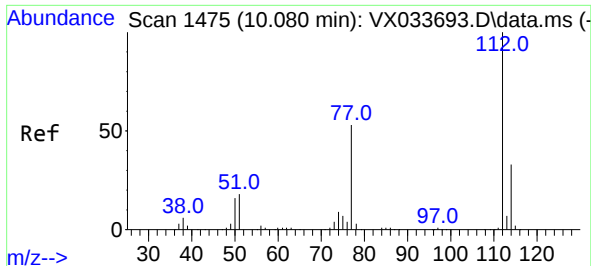
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#64
Tetrachloroethene
Concen: 53.923 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion:164 Resp: 76272
Ion Ratio Lower Upper
164 100
166 129.5 100.2 150.2
129 90.4 69.2 103.8
131 84.3 67.2 100.8





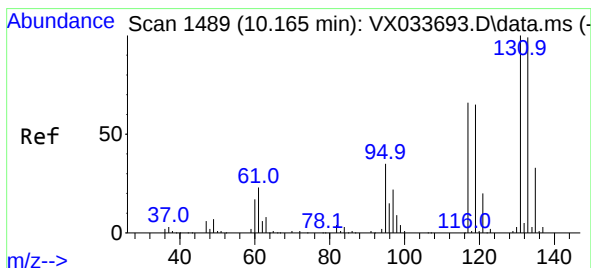
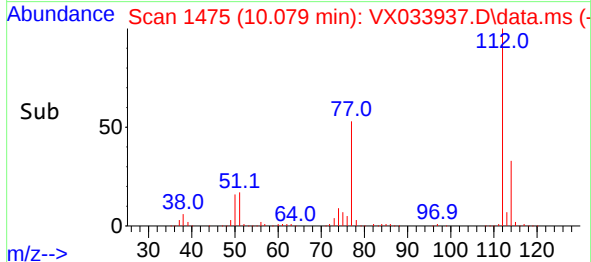
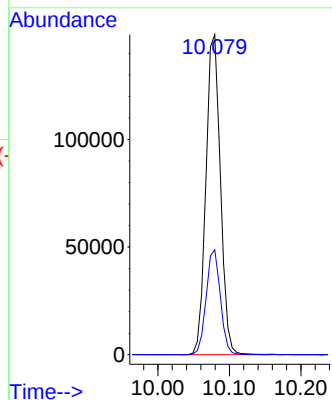
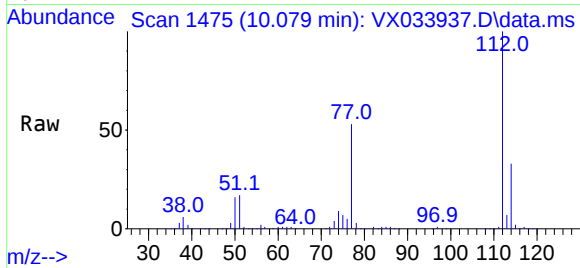
#65
Chlorobenzene
Concen: 50.239 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 20941
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

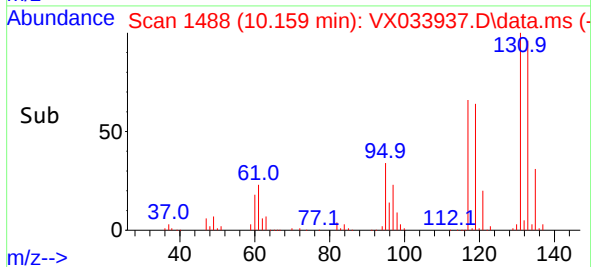
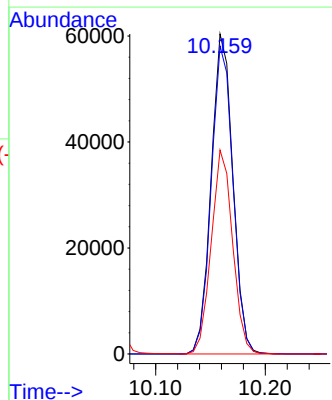
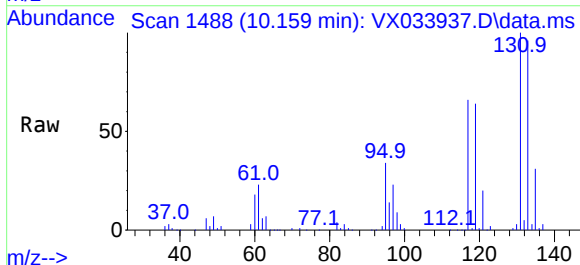
Manual Integrations
APPROVED

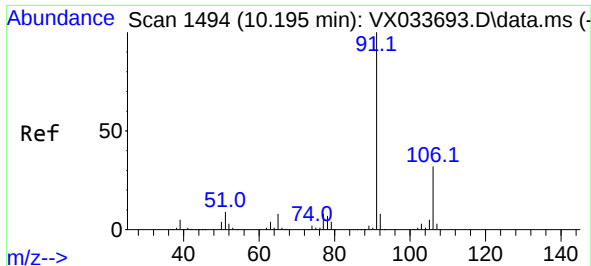
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.204 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

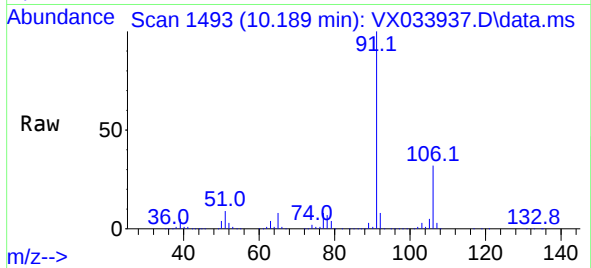
Tgt Ion:131 Resp: 83151
Ion Ratio Lower Upper
131 100
133 96.3 48.4 145.0
119 62.8 31.9 95.7





#67
Ethyl Benzene
Concen: 49.708 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

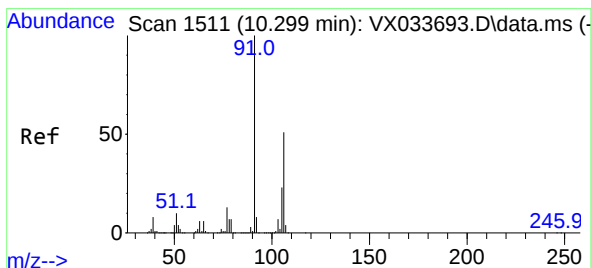
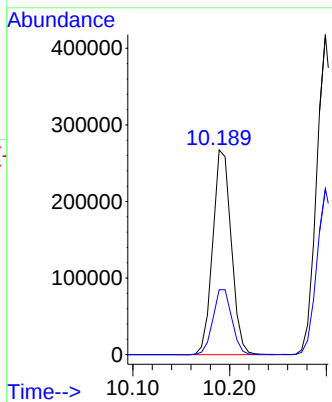
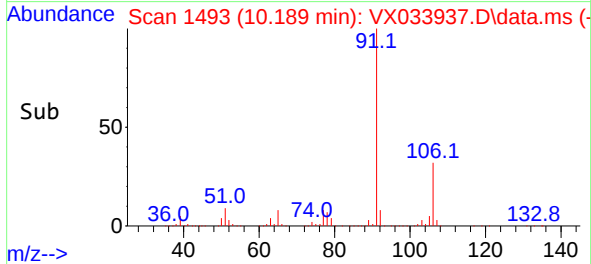
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 355750
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.8

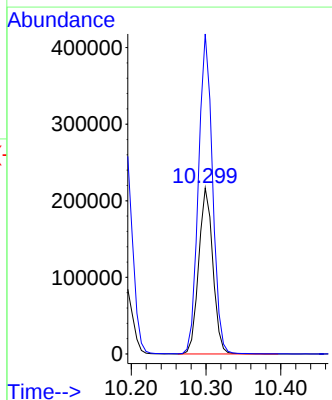
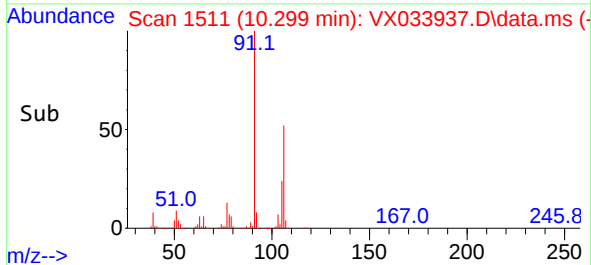
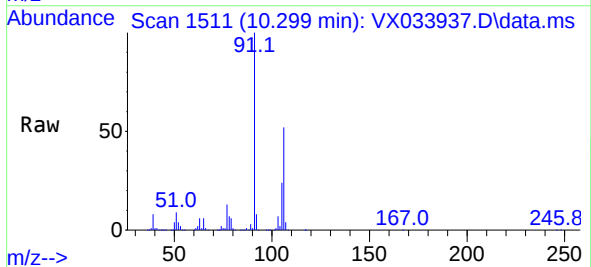
Manual Integrations
APPROVED

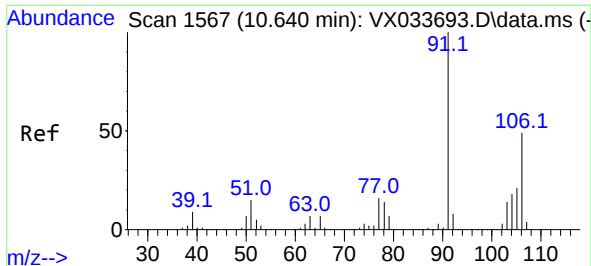
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#68
m/p-Xylenes
Concen: 101.748 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion:106 Resp: 284821
Ion Ratio Lower Upper
106 100
91 191.7 156.4 234.6





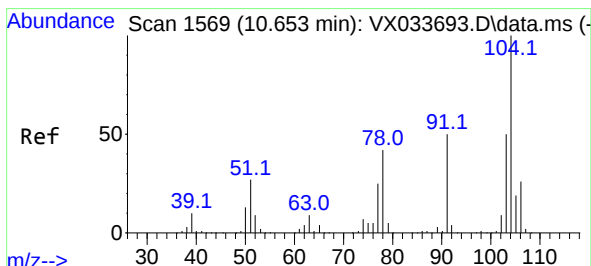
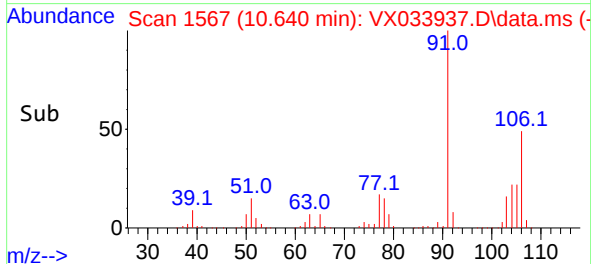
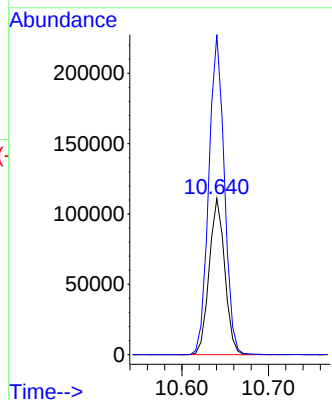
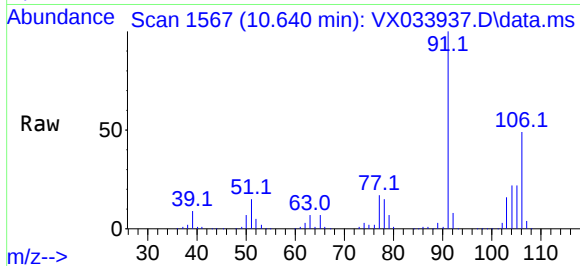
#69
o-Xylene
Concen: 49.946 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13865
Ion Ratio Lower Upper
106 100
91 204.4 103.1 309.3

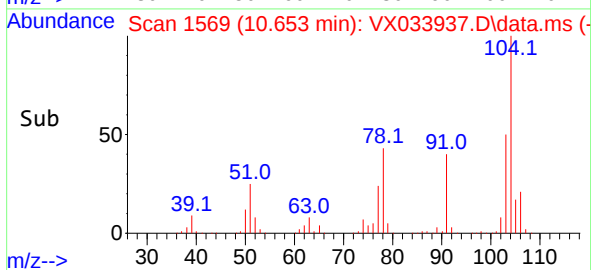
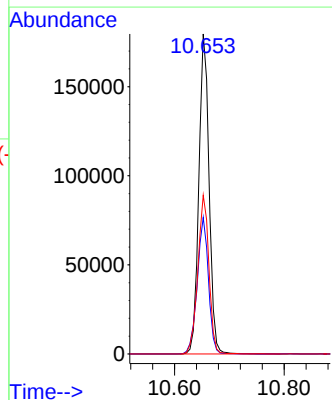
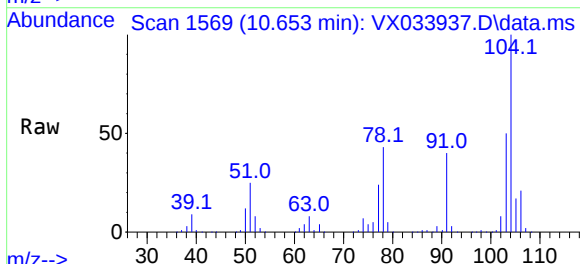
Manual Integrations
APPROVED

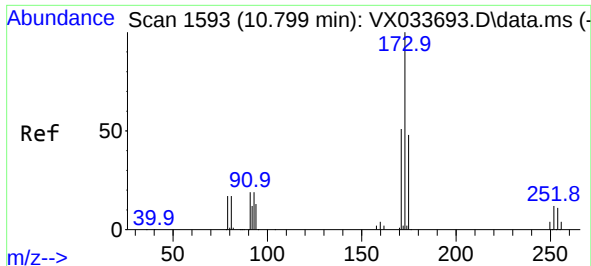
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#70
Styrene
Concen: 51.799 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

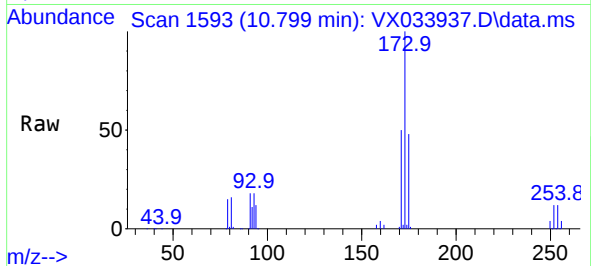
Tgt Ion:104 Resp: 233864
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.0 43.3 64.9





#71
Bromoform
Concen: 55.350 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

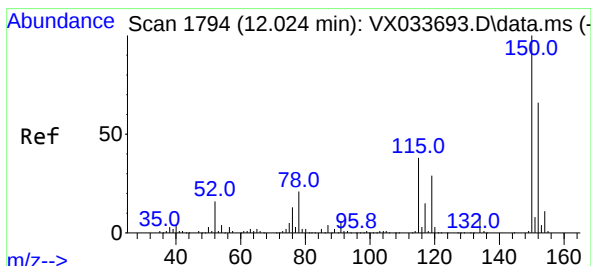
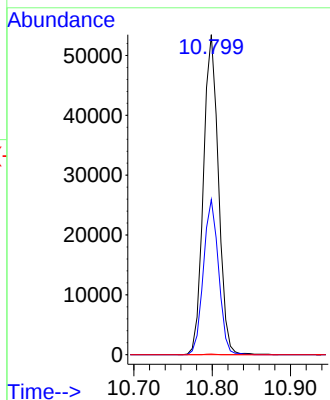
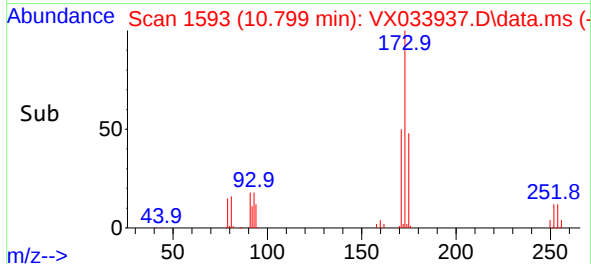
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



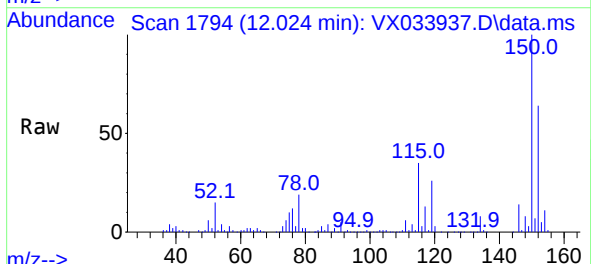
Tgt Ion:173 Resp: 71149
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

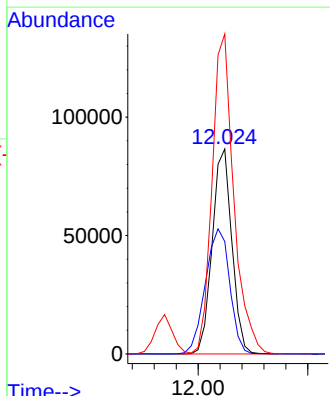
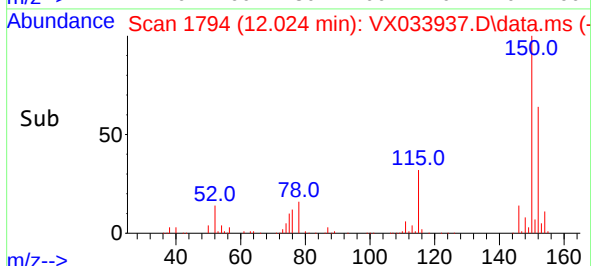
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

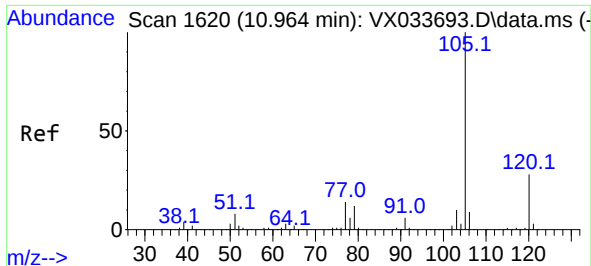


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



Tgt Ion:152 Resp: 107779
Ion Ratio Lower Upper
152 100
115 75.9 38.7 116.1
150 171.9 0.0 348.2





#73
Isopropylbenzene
Concen: 52.003 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

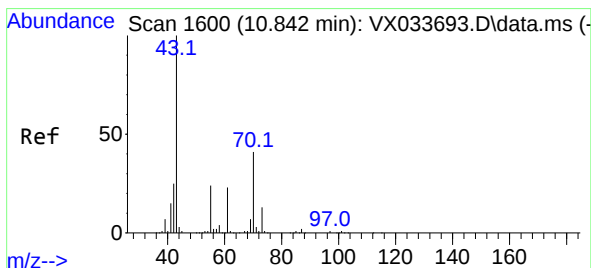
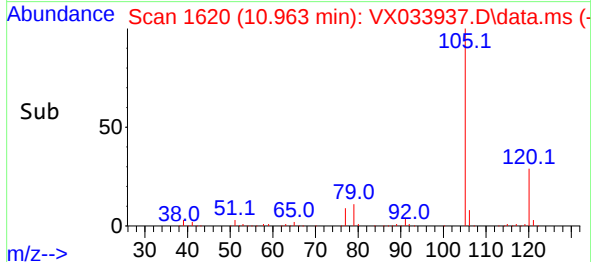
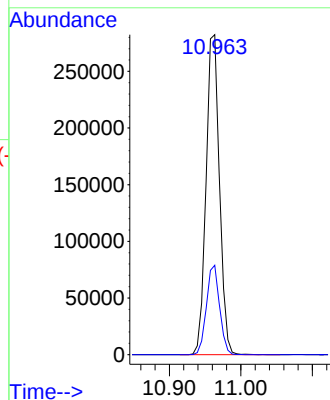
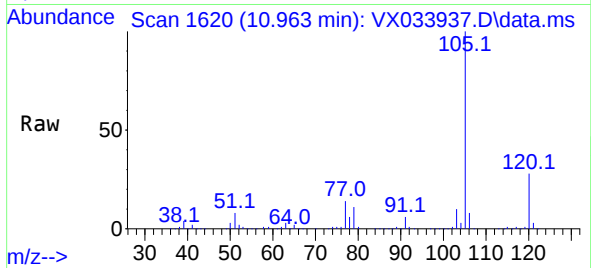
VSTDCCC050

Tgt Ion:105 Resp: 368100
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

Manual Integrations

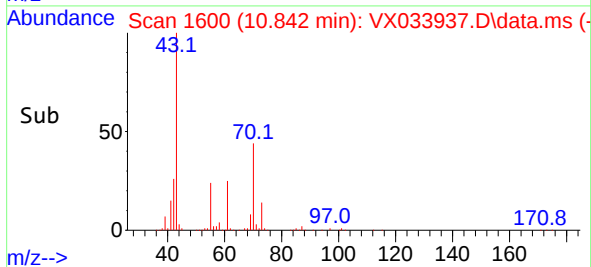
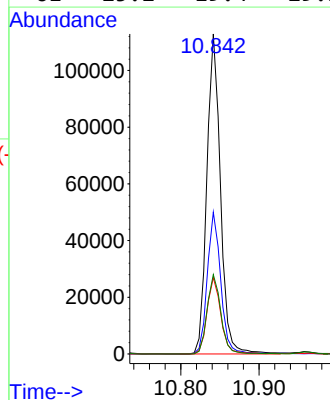
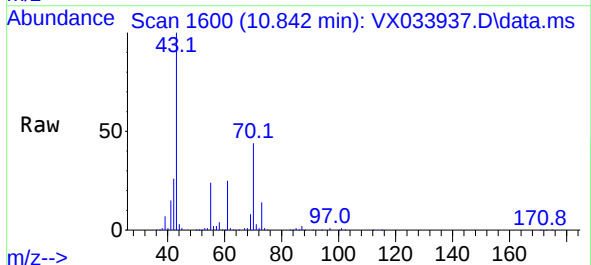
APPROVED

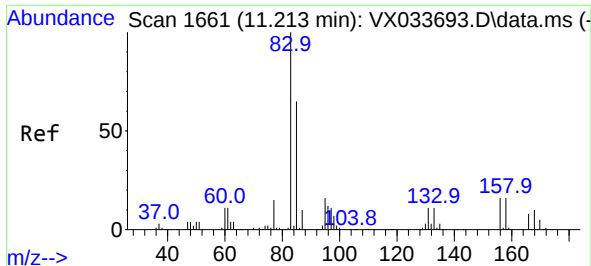
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#74
N-ethyl acetate
Concen: 47.931 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 43 Resp: 135655
Ion Ratio Lower Upper
43 100
70 43.9 34.8 52.2
55 24.3 19.4 29.0
61 25.2 19.4 29.2





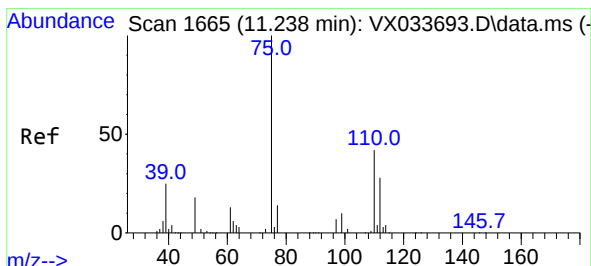
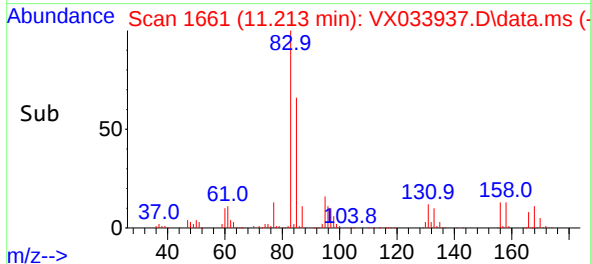
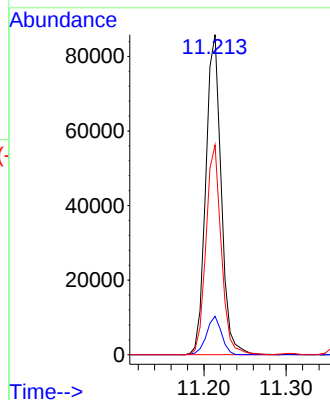
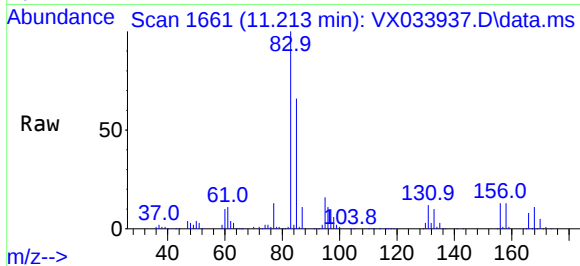
#75
1,1,2,2-Tetrachloroethane
Concen: 54.135 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 111674
Ion Ratio Lower Upper
83 100
131 11.7 5.5 16.7
85 64.8 32.3 96.9

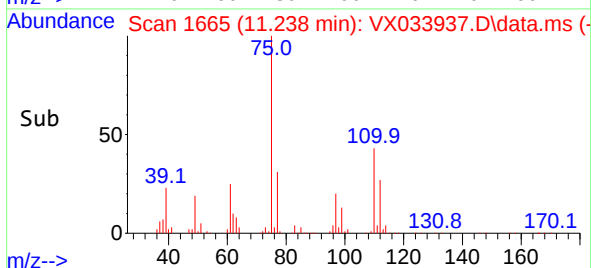
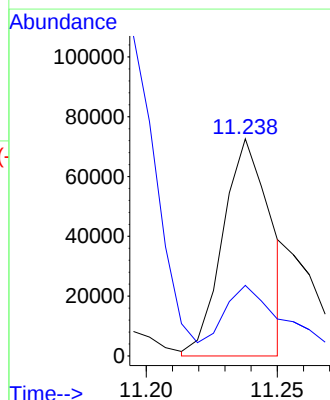
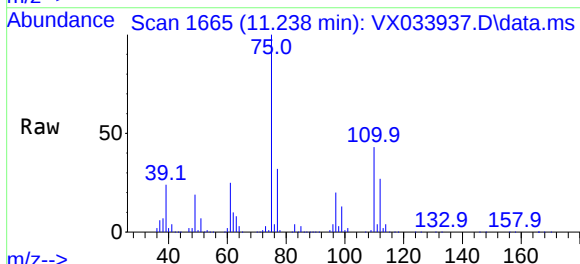
Manual Integrations
APPROVED

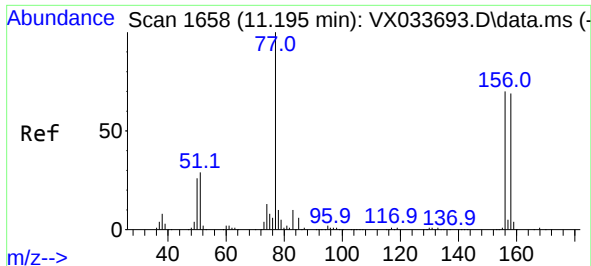
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#76
1,2,3-Trichloropropane
Concen: 46.190 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

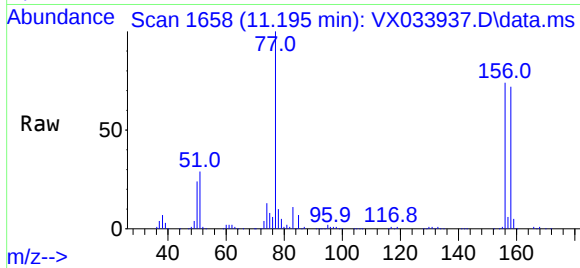
Tgt Ion: 75 Resp: 91469
Ion Ratio Lower Upper
75 100
77 42.5 21.8 65.4





#77
Bromobenzene
Concen: 52.424 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

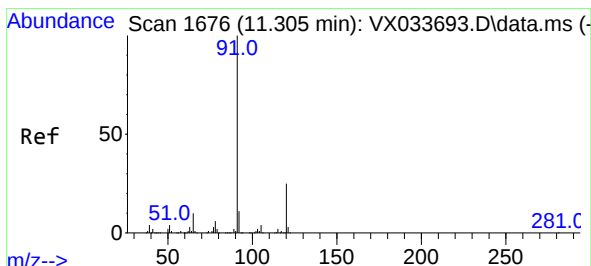
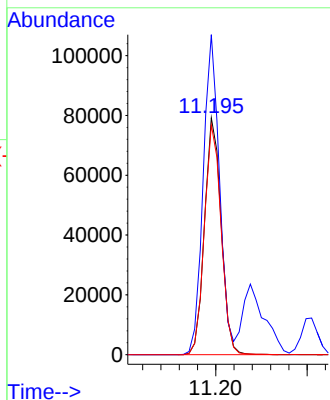
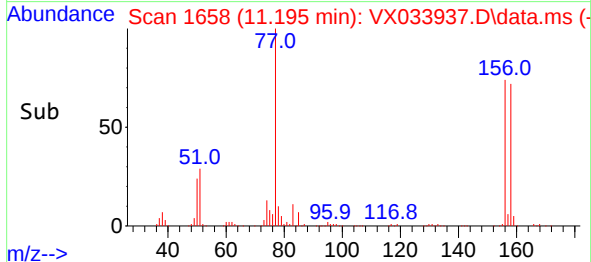
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



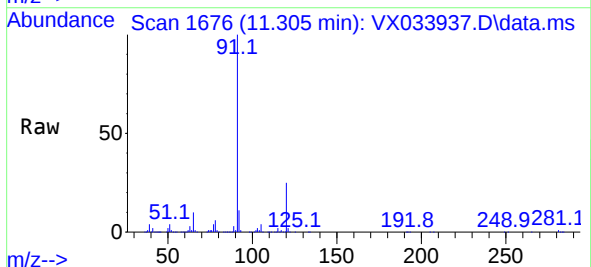
Tgt Ion:156 Resp: 100112
Ion Ratio Lower Upper
156 100
77 132.4 68.1 204.3
158 97.6 48.0 144.2

Manual Integrations
APPROVED

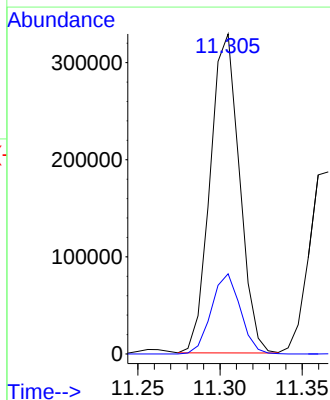
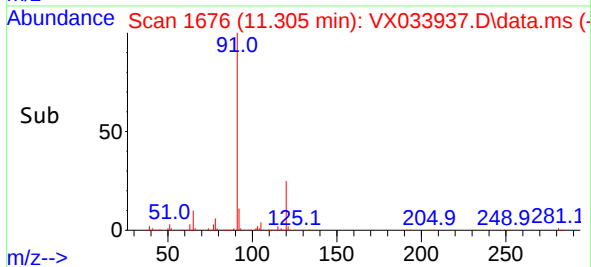
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

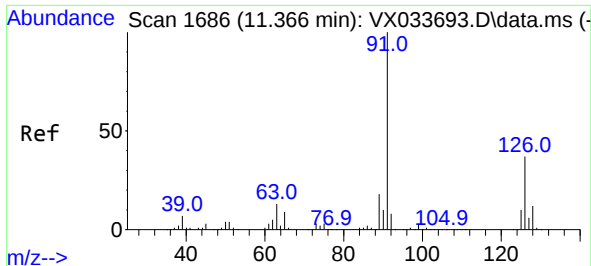


#78
n-propylbenzene
Concen: 46.361 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



Tgt Ion: 91 Resp: 407730
Ion Ratio Lower Upper
91 100
120 24.8 12.3 36.8





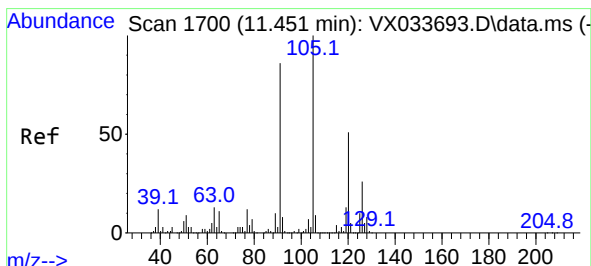
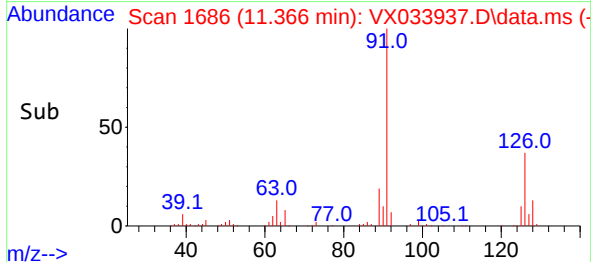
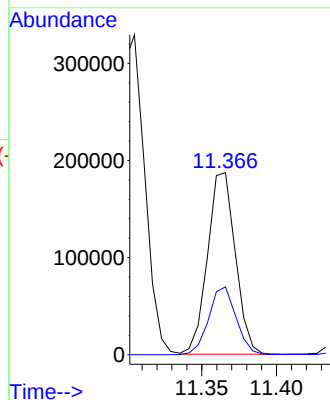
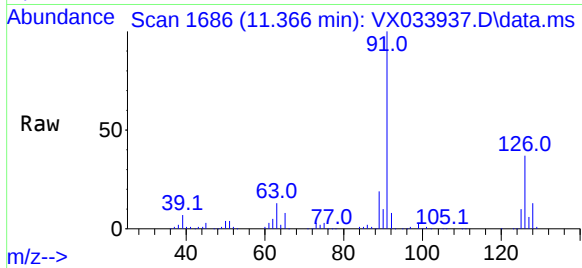
#79
2-Chlorotoluene
Concen: 51.015 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 242093
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.1

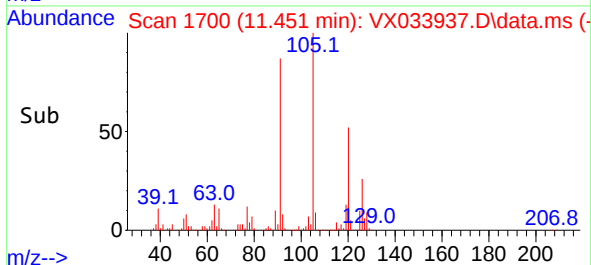
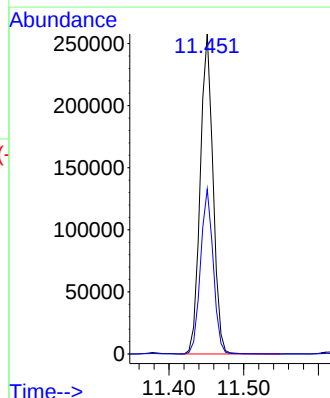
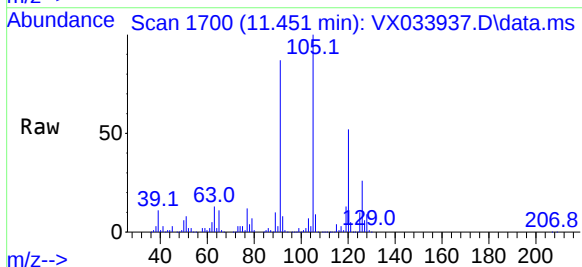
Manual Integrations
APPROVED

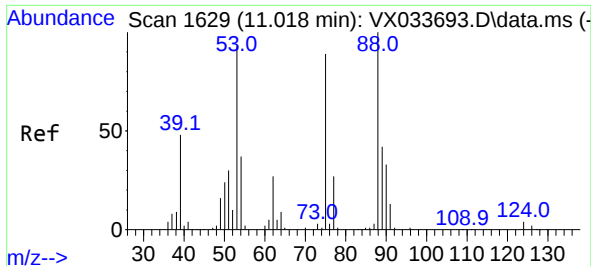
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.150 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

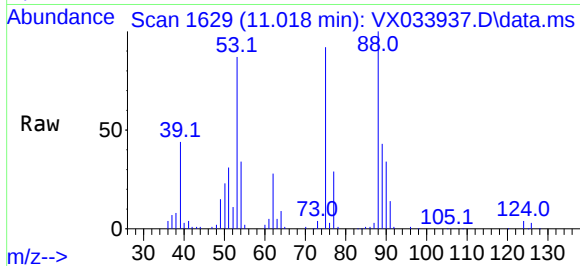
Tgt Ion:105 Resp: 305788
Ion Ratio Lower Upper
105 100
120 51.1 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 51.665 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

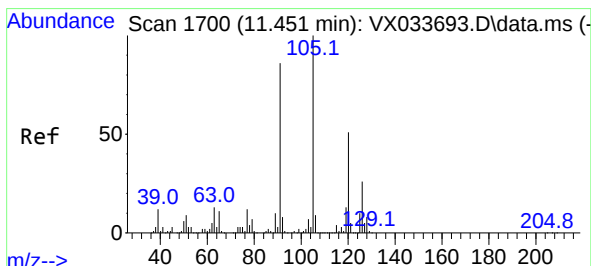
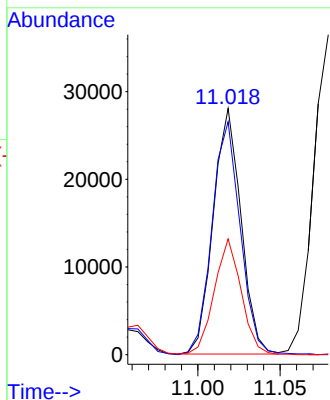
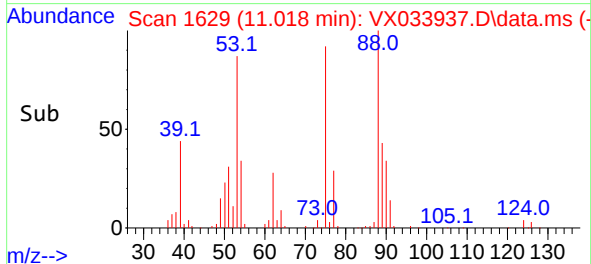
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



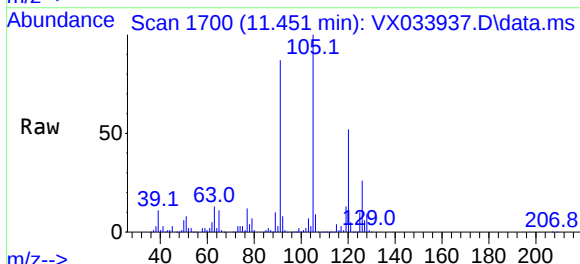
Tgt Ion: 75 Resp: 32920
Ion Ratio Lower Upper
75 100
53 97.0 83.0 124.6
89 46.0 37.7 56.5

Manual Integrations
APPROVED

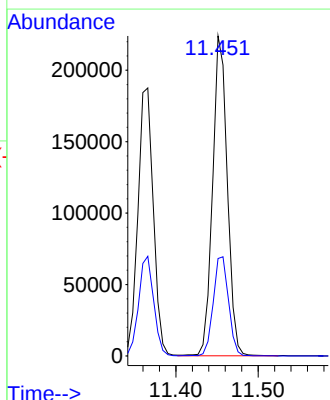
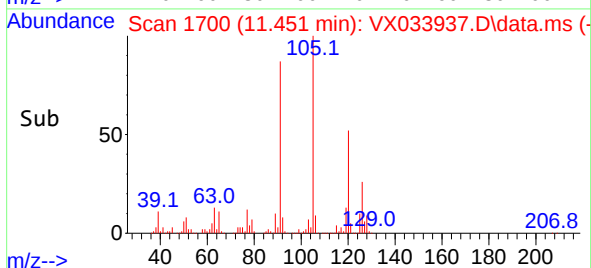
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

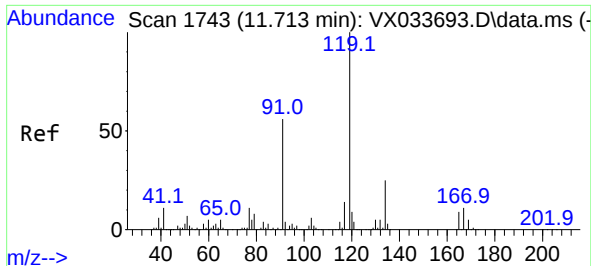


#82
4-Chlorotoluene
Concen: 51.123 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



Tgt Ion: 91 Resp: 277633
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4





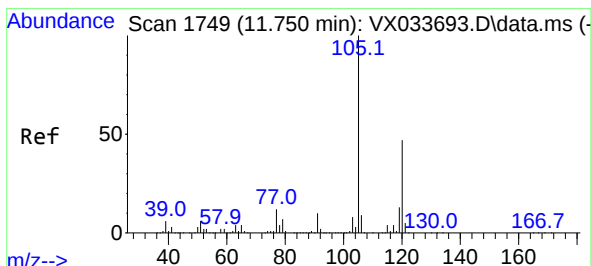
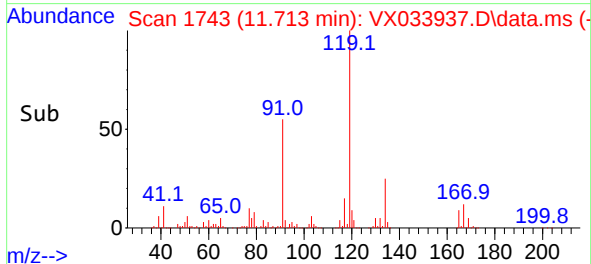
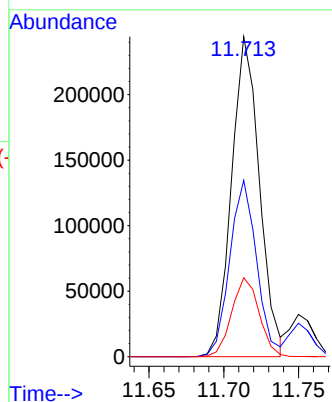
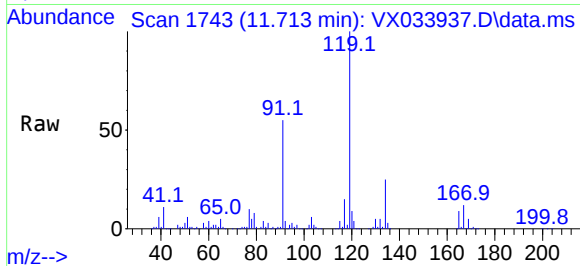
#83
tert-Butylbenzene
Concen: 49.104 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 31620
Ion Ratio Lower Upper
119 100
91 53.3 26.9 80.7
134 24.3 12.3 36.8

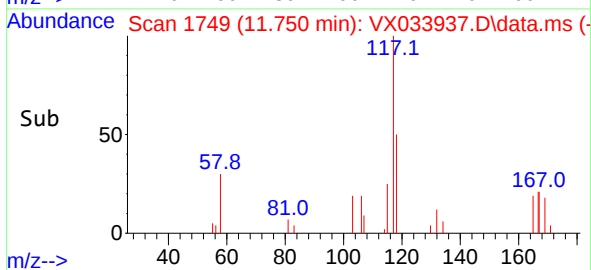
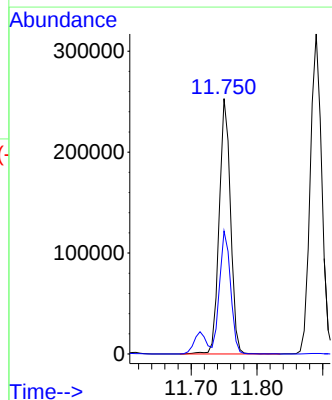
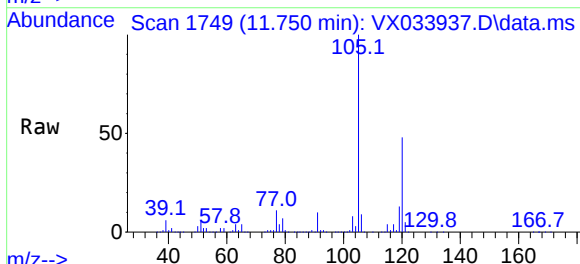
Manual Integrations
APPROVED

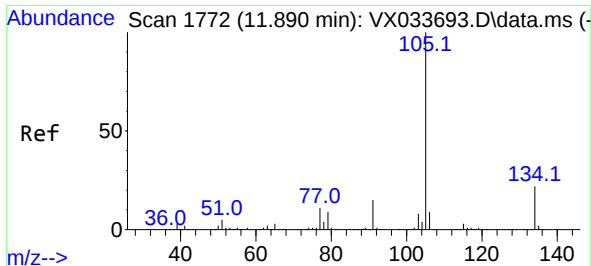
Reviewed By :John Carbone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.318 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion:105 Resp: 302554
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.997 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033937.D
 Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

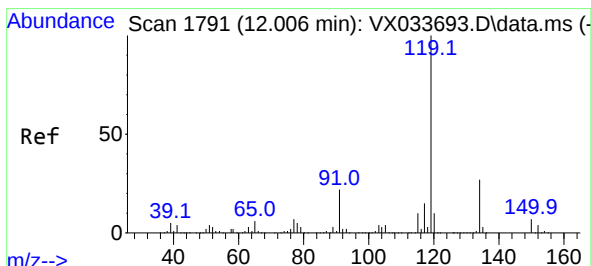
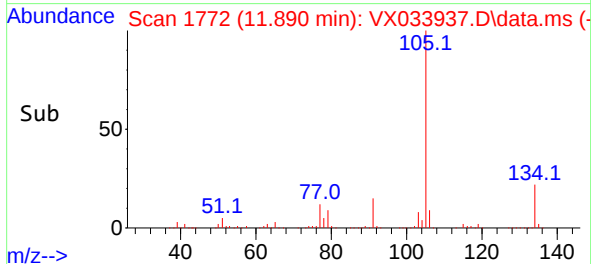
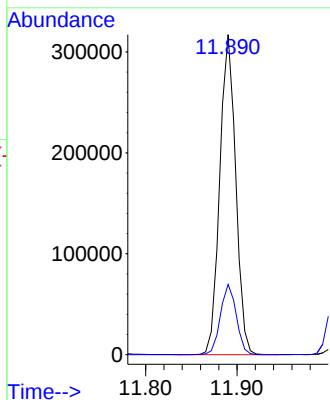
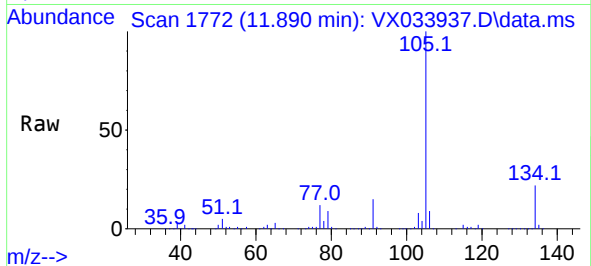
VSTDCCC050

Tgt Ion:105 Resp: 38508
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

Manual Integrations

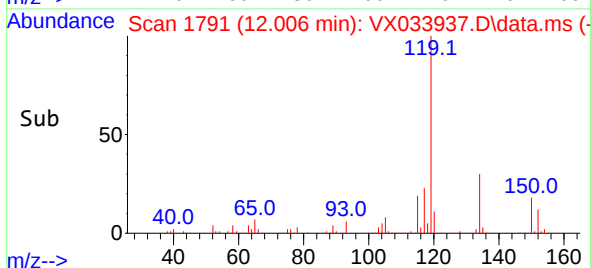
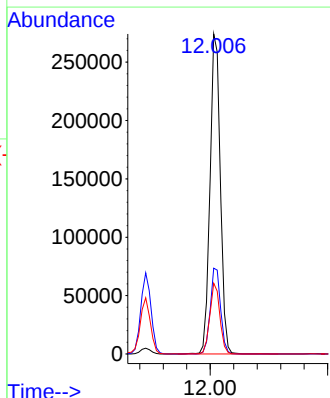
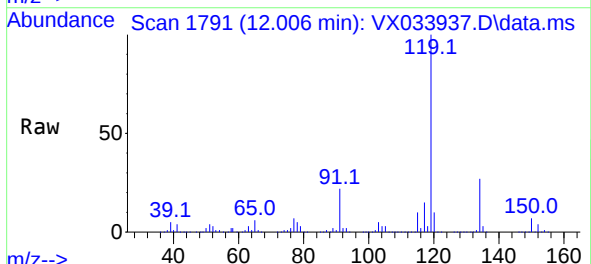
APPROVED

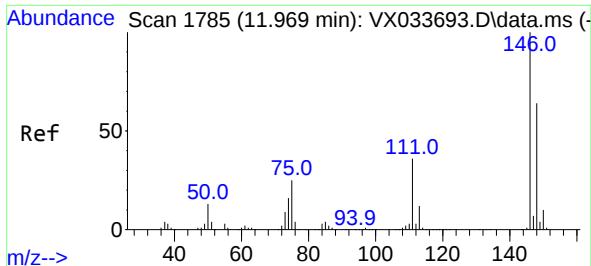
Reviewed By :John Carlone 01/31/2023
 Supervised By :Semsettin Yesilyurt 01/31/2023



#86
 p-Isopropyltoluene
 Concen: 50.596 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033937.D
 Acq: 30 Jan 2023 11:28

Tgt Ion:119 Resp: 333636
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 21.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.914 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 181770

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.6

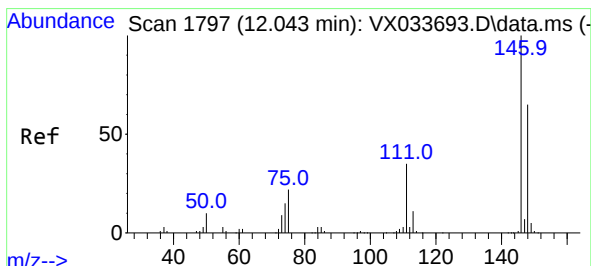
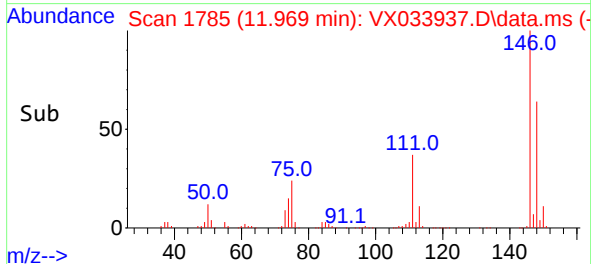
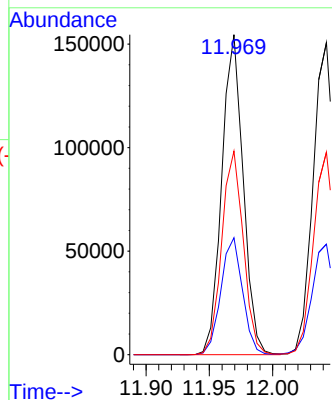
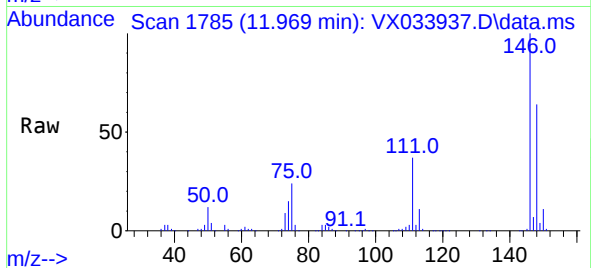
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/31/2023

Supervised By :Semsettin Yesilyurt 01/31/2023



#88

1,4-Dichlorobenzene

Concen: 49.957 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033937.D

Acq: 30 Jan 2023 11:28

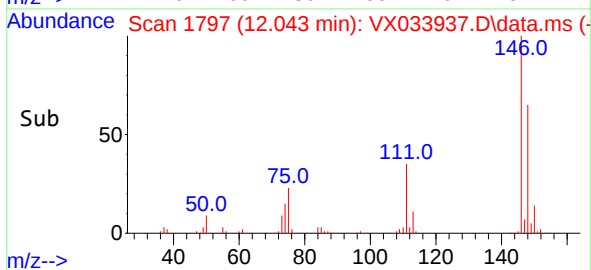
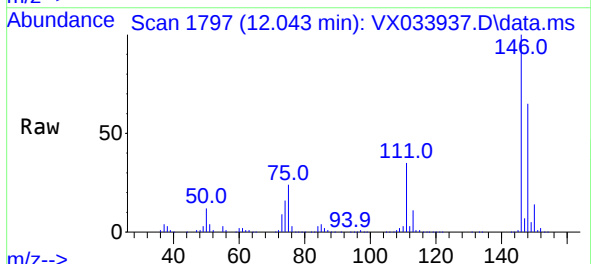
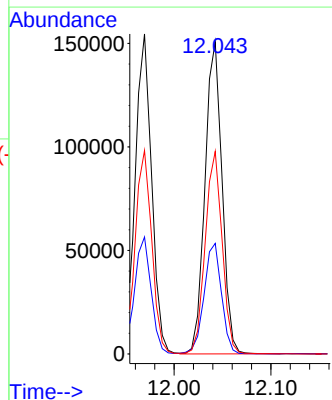
Tgt Ion:146 Resp: 185331

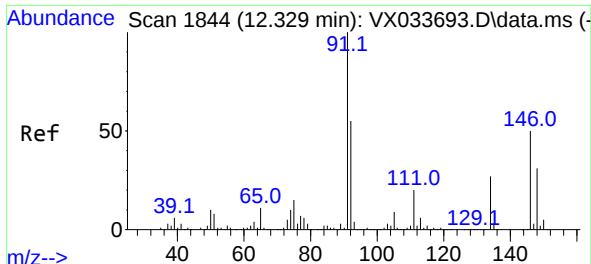
Ion Ratio Lower Upper

146 100

111 36.3 17.8 53.4

148 64.6 32.1 96.3





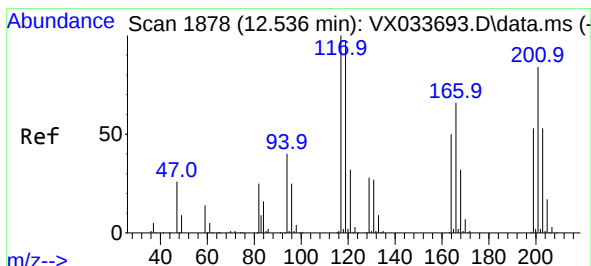
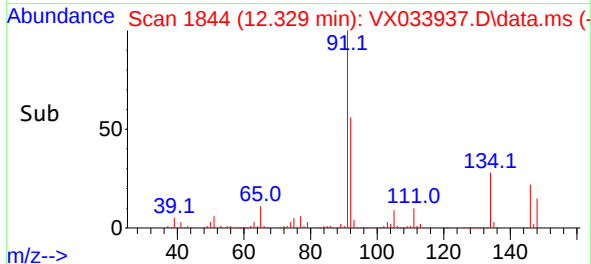
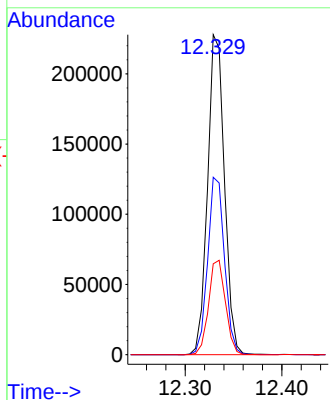
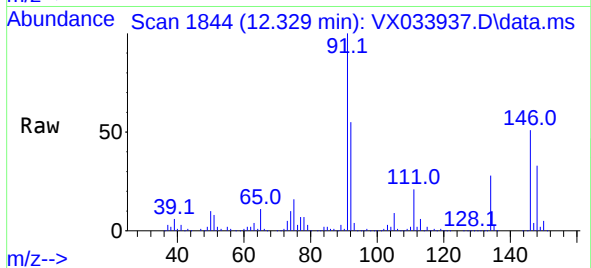
#89
n-Butylbenzene
Concen: 51.361 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 277074
Ion Ratio Lower Upper
91 100
92 55.4 27.5 82.5
134 29.5 14.3 42.9

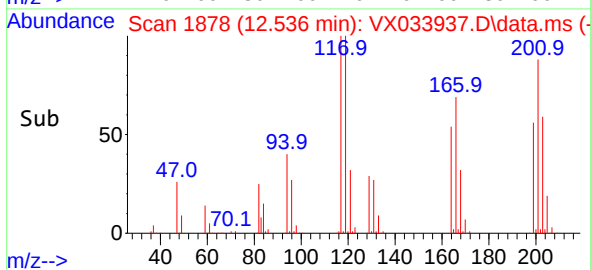
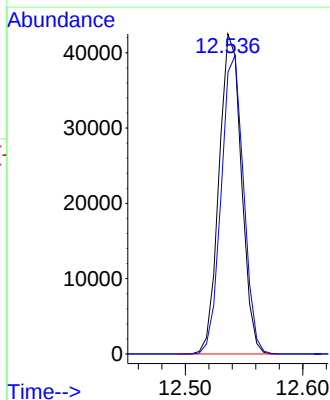
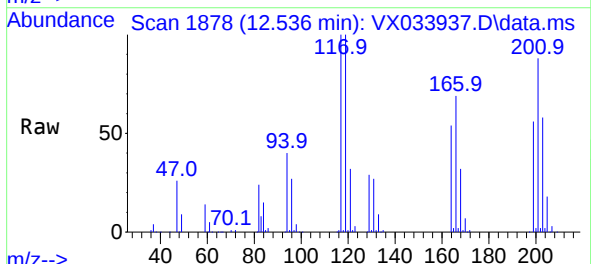
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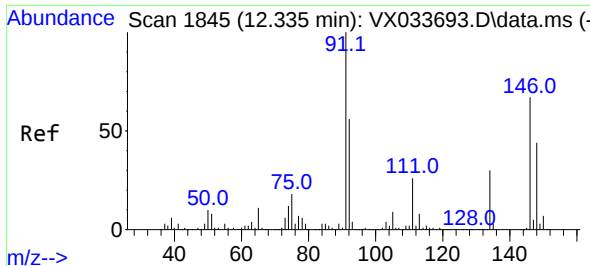
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#90
Hexachloroethane
Concen: 51.851 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion:117 Resp: 56243
Ion Ratio Lower Upper
117 100
201 92.9 45.1 135.3





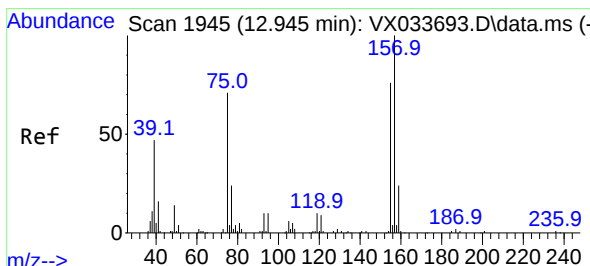
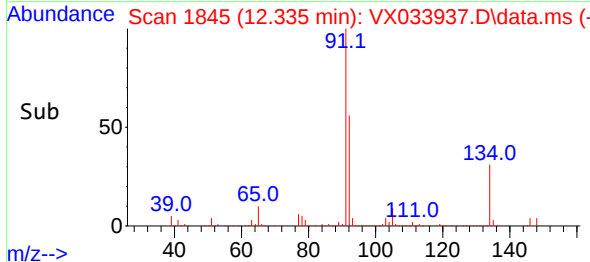
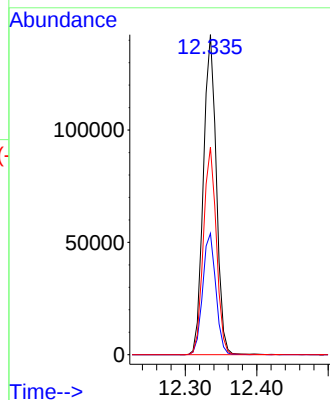
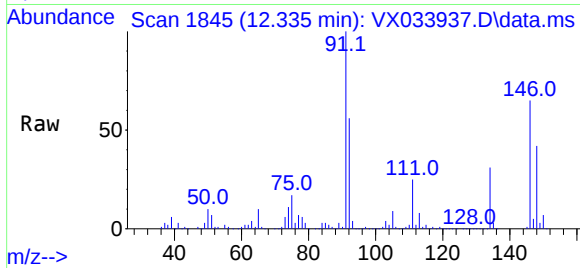
#91
1,2-Dichlorobenzene
Concen: 51.083 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 17951
Ion Ratio Lower Upper
146 100
111 38.4 19.3 57.8
148 65.0 32.3 96.9

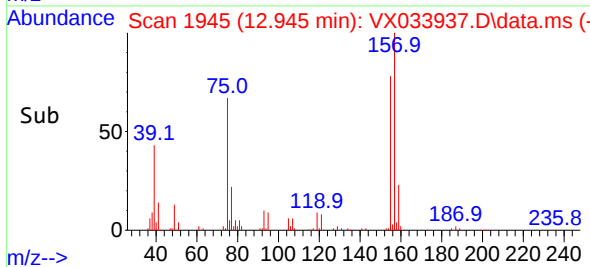
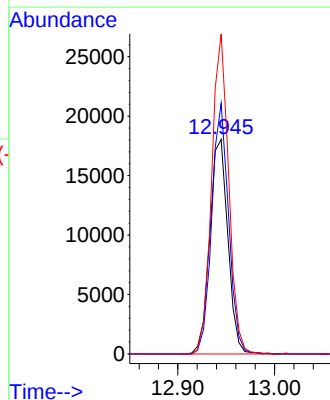
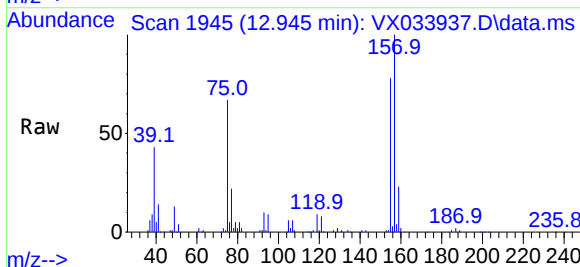
Manual Integrations
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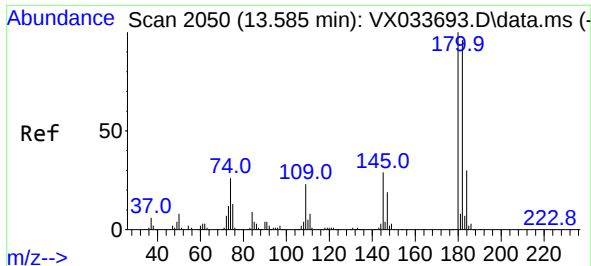
Reviewed By :John Carbone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.599 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Tgt Ion: 75 Resp: 23573
Ion Ratio Lower Upper
75 100
155 108.4 51.7 155.1
157 139.7 67.5 202.3





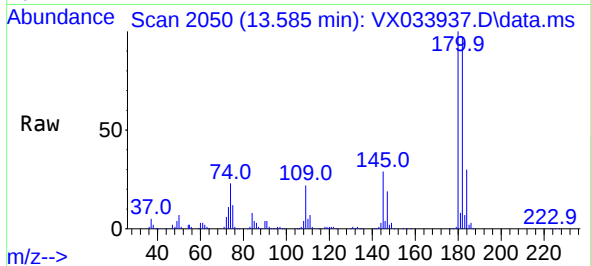
#93
1,2,4-Trichlorobenzene
Concen: 54.802 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

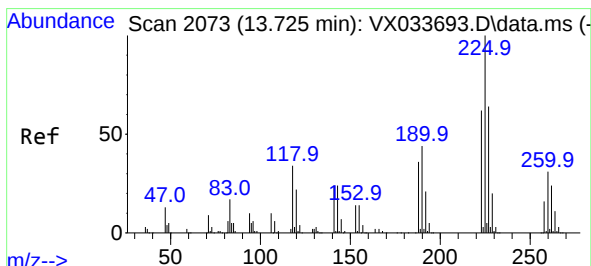
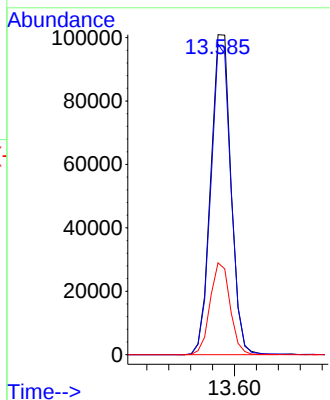
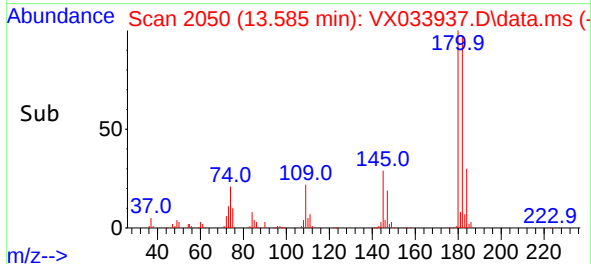


Tgt Ion:180 Resp: 129720
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 28.3 14.1 42.2

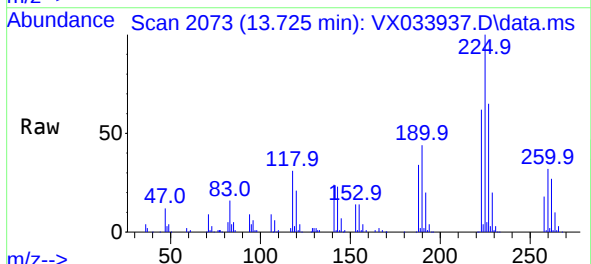
Manual Integrations

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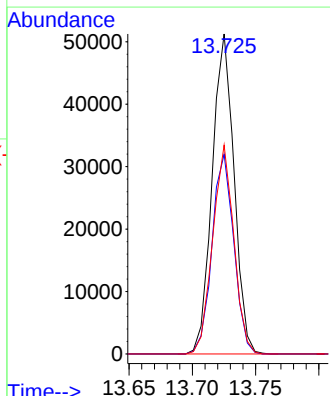
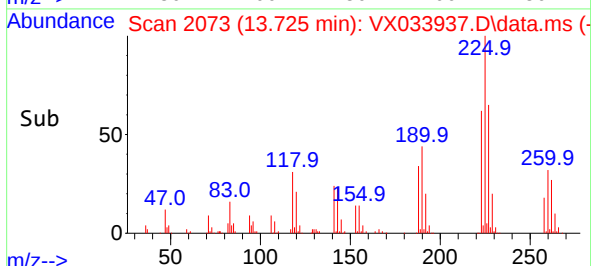
Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

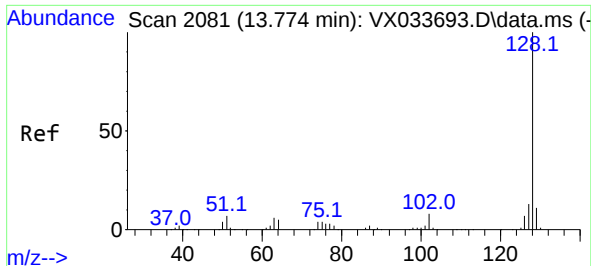


#94
Hexachlorobutadiene
Concen: 52.969 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



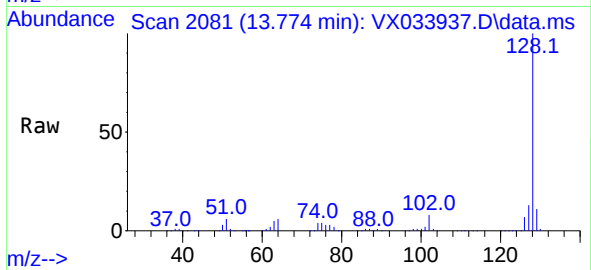
Tgt Ion:225 Resp: 61420
Ion Ratio Lower Upper
225 100
223 62.1 31.3 93.9
227 63.3 32.3 96.9





#95
Naphthalene
Concen: 54.971 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28

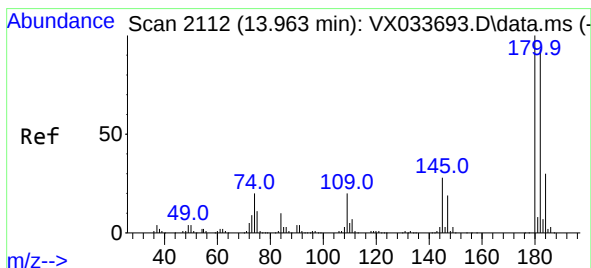
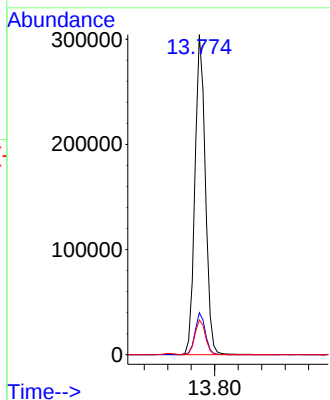
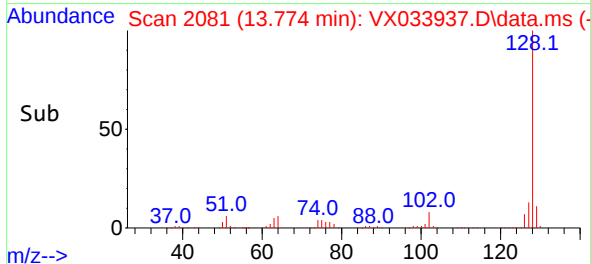
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



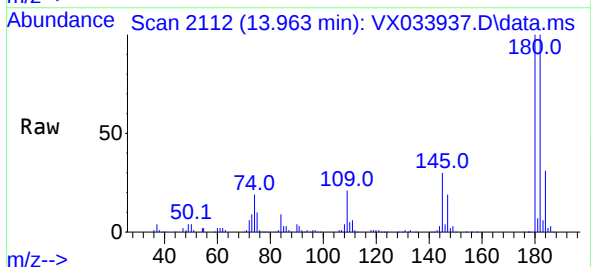
Tgt Ion:128 Resp: 374364
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.764 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033937.D
Acq: 30 Jan 2023 11:28



Tgt Ion:180 Resp: 129715
Ion Ratio Lower Upper
180 100
182 96.2 47.6 142.9
145 30.1 15.1 45.3

