

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033935.D
 Acq On : 27 Jan 2023 17:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 28 03:06:45 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 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	170705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	214149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78166	43.489	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.980%		
35) Dibromofluoromethane	5.379	113	73171	49.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	8.647	98	257240	47.590	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.180%		
62) 4-Bromofluorobenzene	11.079	95	98332	48.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60763	45.043	ug/l	96
3) Chloromethane	1.294	50	72115	48.397	ug/l	97
4) Vinyl Chloride	1.374	62	74788	51.717	ug/l	97
5) Bromomethane	1.611	94	36009	43.339	ug/l	98
6) Chloroethane	1.685	64	45357	50.734	ug/l	99
7) Trichlorofluoromethane	1.886	101	112652	48.037	ug/l	98
8) Diethyl Ether	2.130	74	43843	57.097	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	74370	54.956	ug/l	94
10) Methyl Iodide	2.453	142	101017	53.276	ug/l	93
11) Tert butyl alcohol	2.965	59	66868	214.158	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	70904	51.047	ug/l	92
13) Acrolein	2.233	56	81287	282.160	ug/l	100
14) Allyl chloride	2.660	41	130268	49.725	ug/l	89
15) Acrylonitrile	3.056	53	211373	257.226	ug/l	99
16) Acetone	2.374	43	190969	294.571	ug/l	94
17) Carbon Disulfide	2.514	76	152849	43.720	ug/l	97
18) Methyl Acetate	2.697	43	129253	51.528	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	234358	48.580	ug/l	99
20) Methylene Chloride	2.788	84	81579	52.316	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	76372	47.033	ug/l	98
22) Diisopropyl ether	3.751	45	249023	47.244	ug/l	95
23) Vinyl Acetate	3.715	43	931212	234.682	ug/l	98
24) 1,1-Dichloroethane	3.605	63	134515	46.645	ug/l	100
25) 2-Butanone	4.544	43	269366	229.370	ug/l	96
26) 2,2-Dichloropropane	4.471	77	94852	45.918	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	88910	47.627	ug/l	97
28) Bromochloromethane	4.885	49	63993	48.715	ug/l	95
29) Tetrahydrofuran	4.995	42	170976	230.997	ug/l	97
30) Chloroform	5.086	83	140020	47.406	ug/l	98
31) Cyclohexane	5.464	56	115047	43.499	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	117387	46.549	ug/l	99
36) 1,1-Dichloropropene	5.690	75	102342	47.267	ug/l	99
37) Ethyl Acetate	4.702	43	103722	50.218	ug/l	99
38) Carbon Tetrachloride	5.672	117	107300	47.848	ug/l	98
39) Methylcyclohexane	7.379	83	123329	46.125	ug/l	94
40) Benzene	6.031	78	303377	48.071	ug/l	100

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 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	4.910	41	62073	52.024	ug/l	98
42) 1,2-Dichloroethane	6.080	62	104135	46.561	ug/l	98
43) Isopropyl Acetate	6.330	43	165116	48.306	ug/l	99
44) Trichloroethene	7.117	130	91145	51.647	ug/l	96
45) 1,2-Dichloropropane	7.421	63	79107	50.038	ug/l	99
46) Dibromomethane	7.574	93	55164	49.956	ug/l	97
47) Bromodichloromethane	7.818	83	107638	50.579	ug/l	97
48) Methyl methacrylate	7.684	41	84097	48.841	ug/l	96
49) 1,4-Dioxane	7.677	88	32008	840.399	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	527620	251.340	ug/l	98
52) Toluene	8.714	92	198669	48.747	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	109405	51.406	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	123455	51.770	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	82143	50.918	ug/l	98
56) Ethyl methacrylate	9.110	69	118766	52.312	ug/l	98
57) 1,3-Dichloropropane	9.305	76	133708	51.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	277498	248.182	ug/l	99
59) 2-Hexanone	9.427	43	385886	264.107	ug/l	99
60) Dibromochloromethane	9.519	129	93192	55.720	ug/l	99
61) 1,2-Dibromoethane	9.604	107	86707	53.855	ug/l	98
64) Tetrachloroethene	9.269	164	81066	53.885	ug/l	98
65) Chlorobenzene	10.079	112	225206	50.799	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	85713	52.535	ug/l	100
67) Ethyl Benzene	10.189	91	379992	49.922	ug/l	99
68) m/p-Xylenes	10.299	106	302953	101.756	ug/l	98
69) o-Xylene	10.640	106	149829	50.746	ug/l	100
70) Styrene	10.653	104	252464	52.577	ug/l	100
71) Bromoform	10.799	173	73031	53.418	ug/l	99
73) Isopropylbenzene	10.963	105	393670	51.603	ug/l	99
74) N-amyl acetate	10.842	43	142036	46.582	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	117562	52.814	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96190m	45.086	ug/l	
77) Bromobenzene	11.195	156	107679	52.334	ug/l	98
78) n-propylbenzene	11.305	91	445180	46.984	ug/l	100
79) 2-Chlorotoluene	11.360	91	263442	51.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	326729	46.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33661	49.035	ug/l	97
82) 4-Chlorotoluene	11.451	91	300273	51.334	ug/l	99
83) tert-Butylbenzene	11.713	119	341522	49.228	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	327804	49.597	ug/l	99
85) sec-Butylbenzene	11.890	105	416176	50.155	ug/l	100
86) p-Isopropyltoluene	12.006	119	363598	51.181	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	197791	50.412	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	197797	49.489	ug/l	100
89) n-Butylbenzene	12.329	91	294341	50.644	ug/l	99
90) Hexachloroethane	12.536	117	58598	50.144	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	190719	50.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23211	48.986	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	140383	55.046	ug/l	99
94) Hexachlorobutadiene	13.725	225	63728	51.013	ug/l	98
95) Naphthalene	13.774	128	395894	53.958	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138858	54.415	ug/l	99

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VSTDCCC050EC

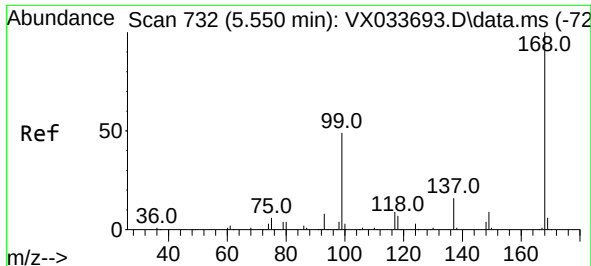
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

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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

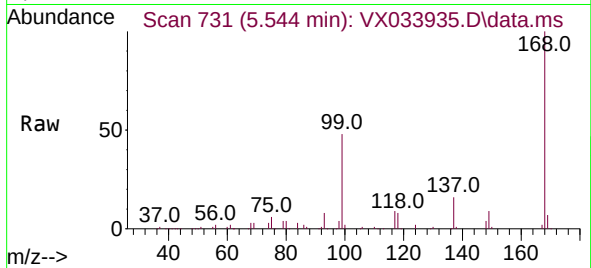
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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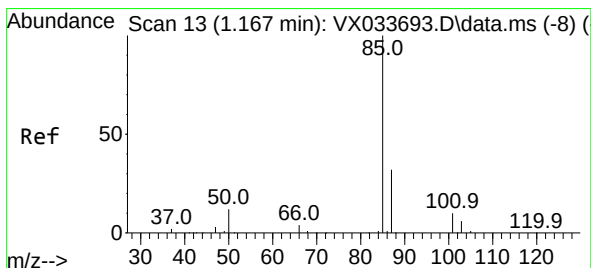
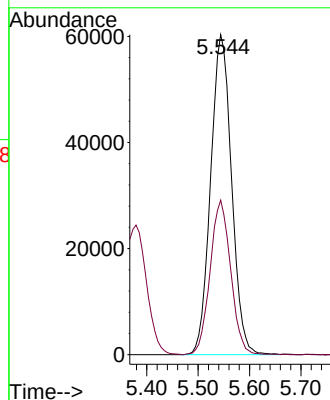
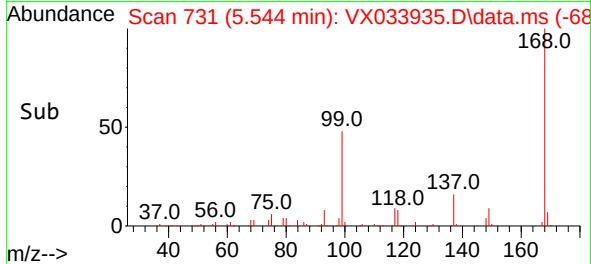
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 17070
Ion Ratio Lower Upper
168 100
99 48.2 39.6 59.4

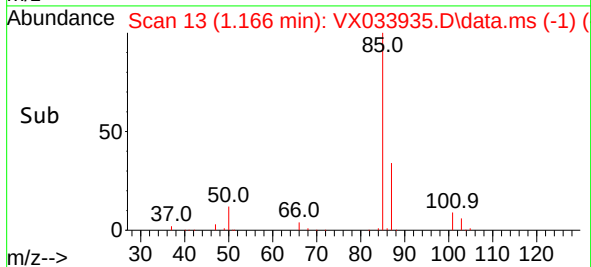
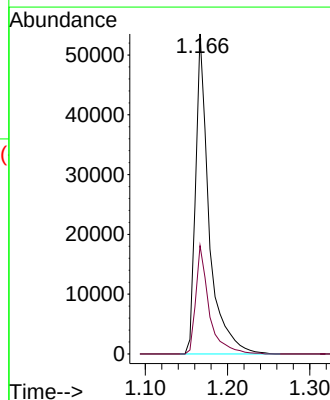
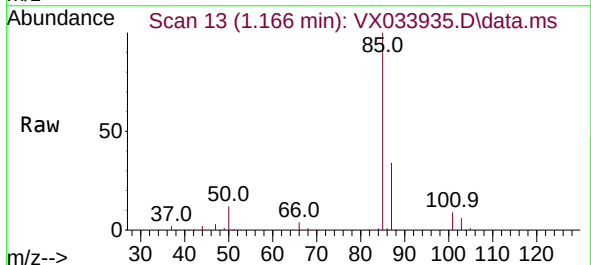
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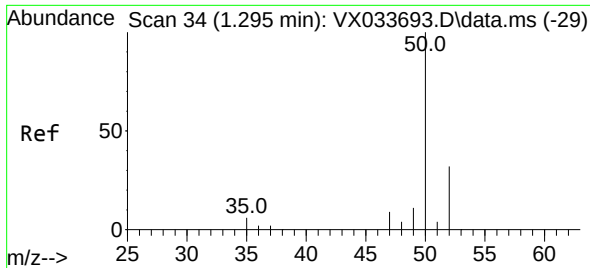
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#2
Dichlorodifluoromethane
Concen: 45.043 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 85 Resp: 60763
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.4





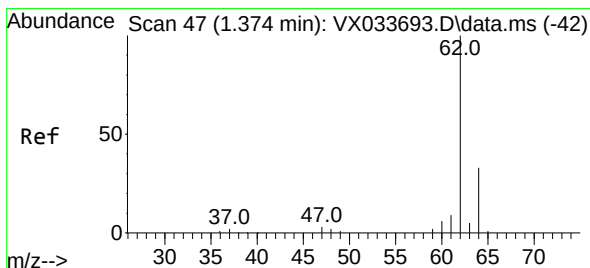
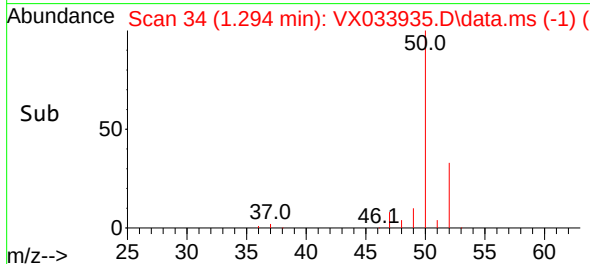
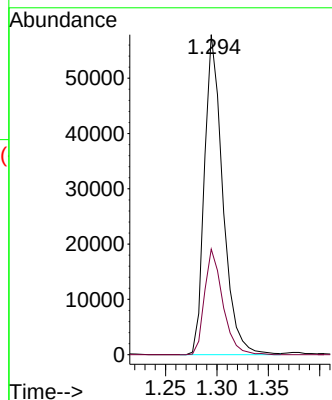
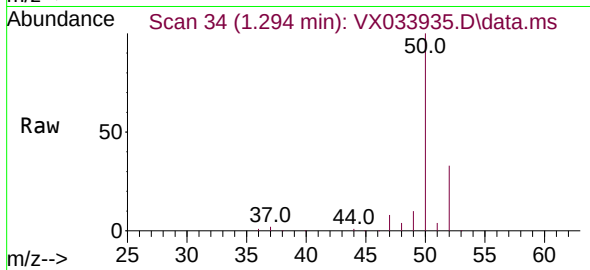
#3
Chloromethane
Concen: 48.397 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :
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Tgt Ion: 50 Resp: 72111
Ion Ratio Lower Upper
50 100
52 33.0 25.2 37.8

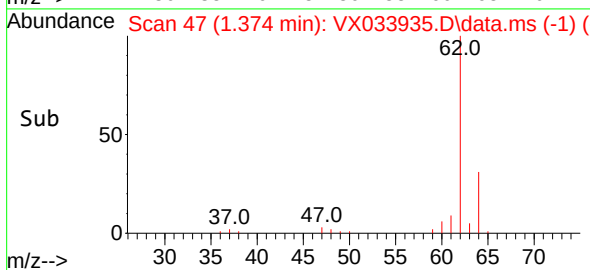
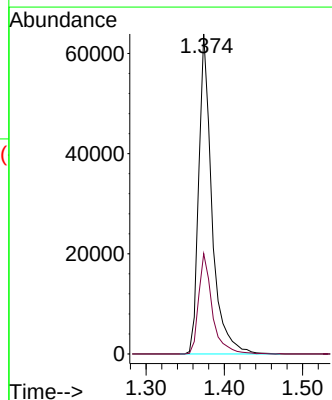
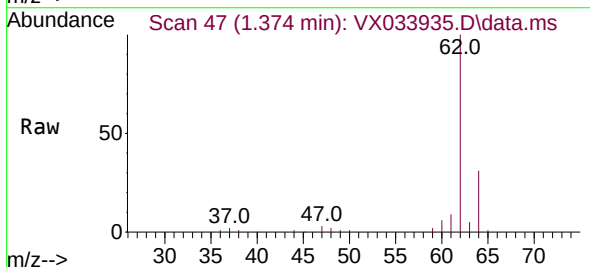
Manual Integrations
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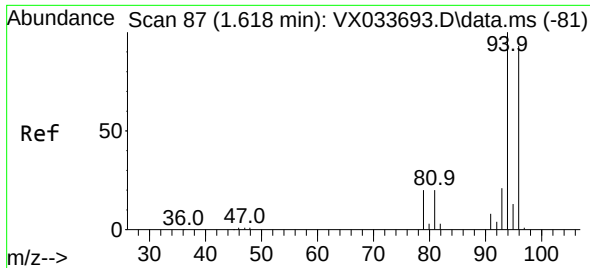
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#4
Vinyl Chloride
Concen: 51.717 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

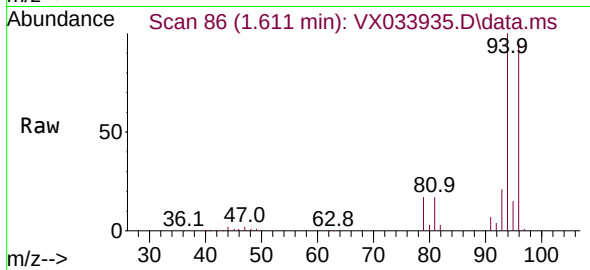
Tgt Ion: 62 Resp: 74788
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.4





#5
Bromomethane
Concen: 43.339 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

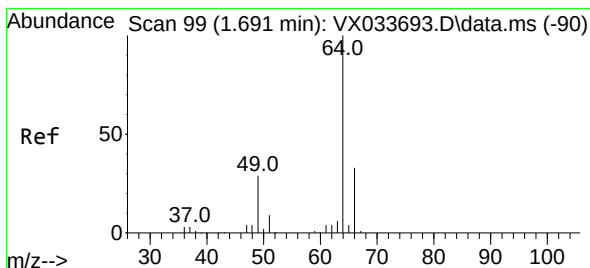
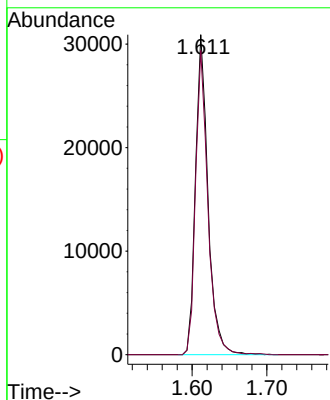
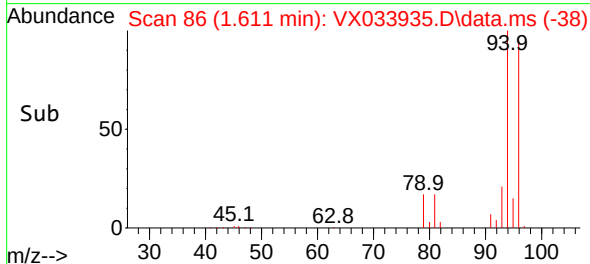
Instrument :
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Tgt Ion: 94 Resp: 36009
Ion Ratio Lower Upper
94 100
96 95.1 74.3 111.5

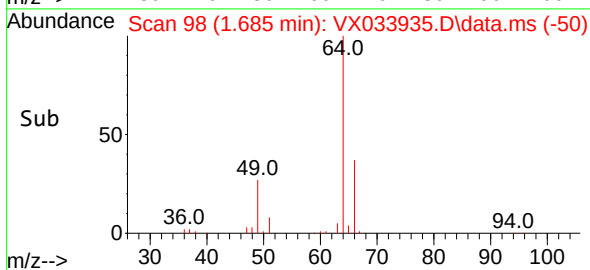
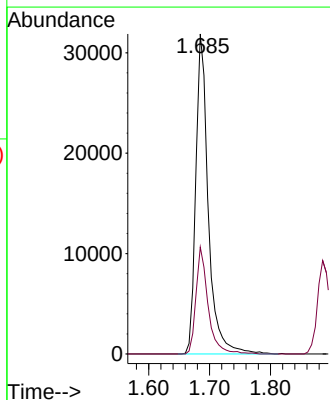
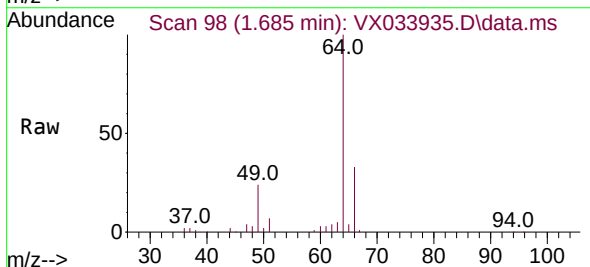
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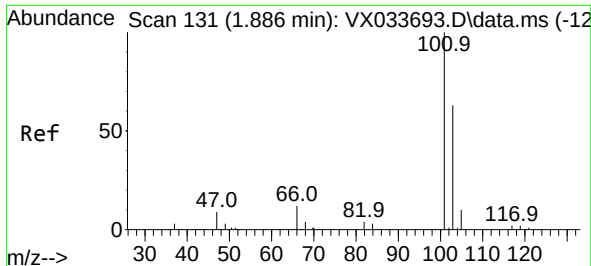
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#6
Chloroethane
Concen: 50.734 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

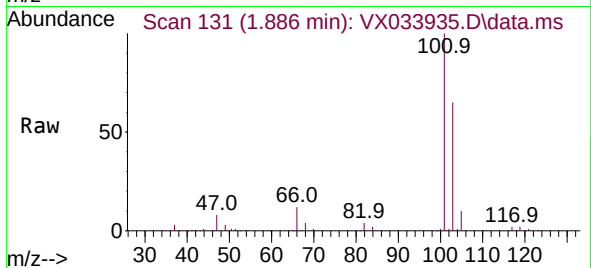
Tgt Ion: 64 Resp: 45357
Ion Ratio Lower Upper
64 100
66 33.4 26.1 39.1





#7
Trichlorofluoromethane
Concen: 48.037 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

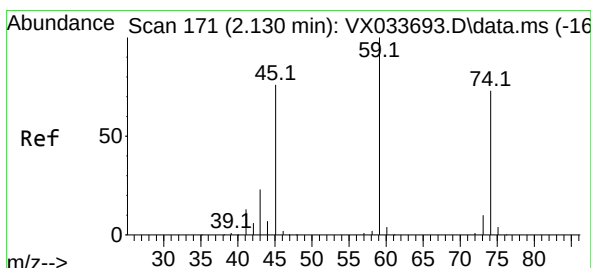
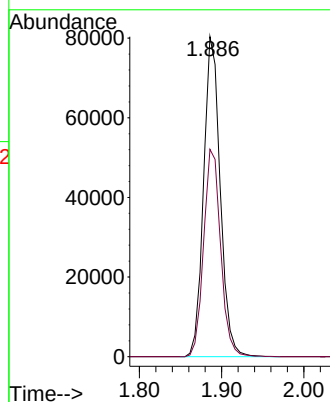
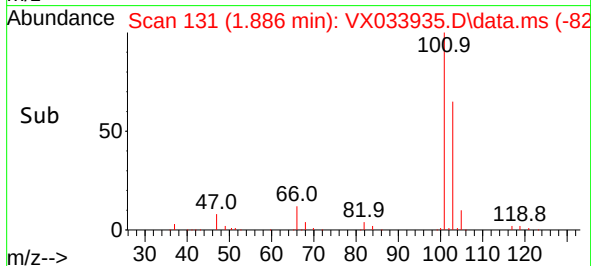
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 112652
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

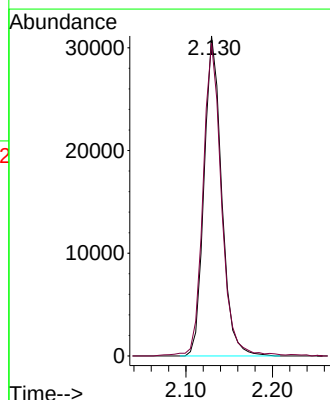
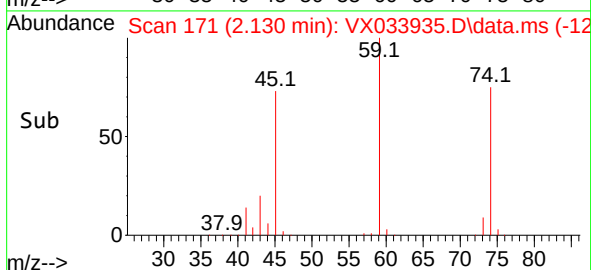
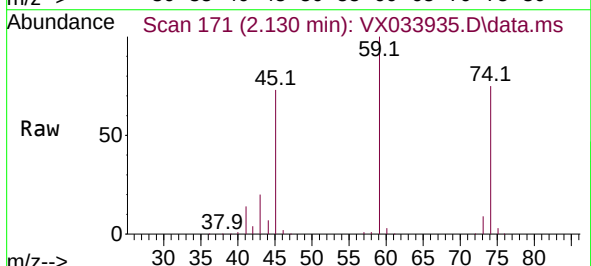
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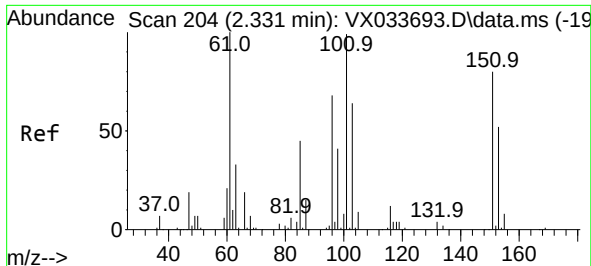
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#8
Diethyl Ether
Concen: 57.097 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033935.D
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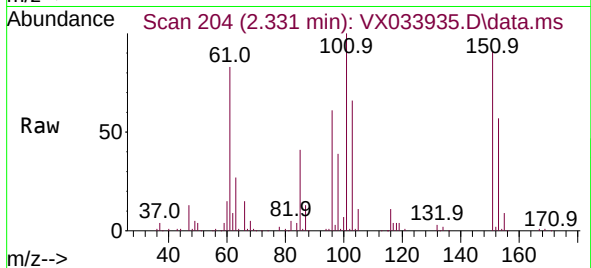
Tgt Ion: 74 Resp: 43843
Ion Ratio Lower Upper
74 100
45 102.8 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.956 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

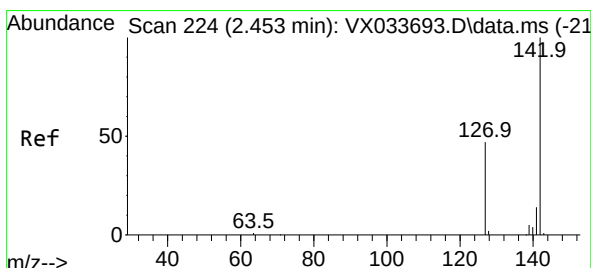
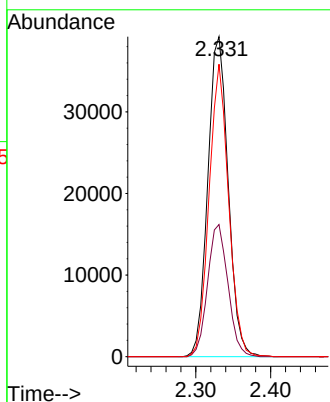
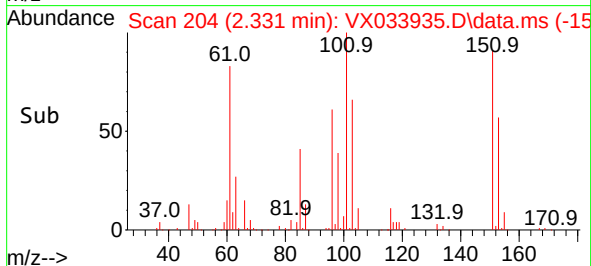
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ClientSampleId :
VSTDCCC050EC



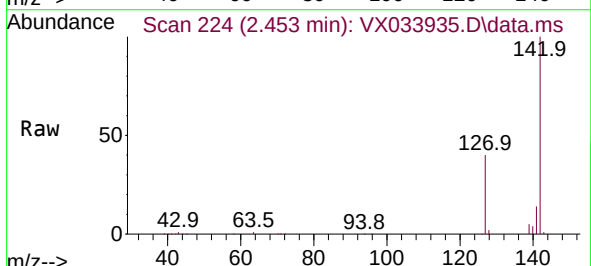
Tgt Ion:101 Resp: 74370
Ion Ratio Lower Upper
101 100
85 41.3 36.7 55.1
151 87.5 66.5 99.7

Manual Integrations
APPROVED

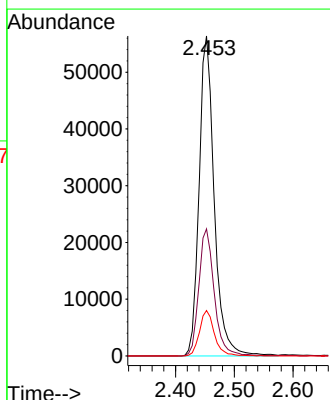
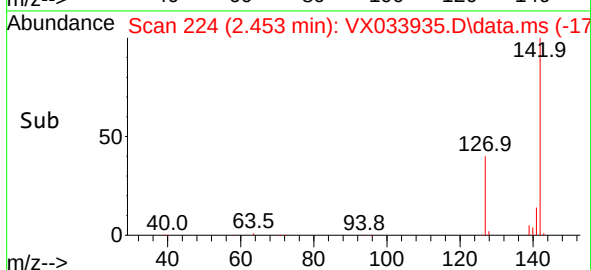
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

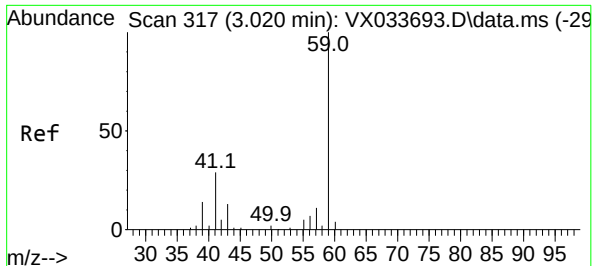


#10
Methyl Iodide
Concen: 53.276 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02



Tgt Ion:142 Resp: 101017
Ion Ratio Lower Upper
142 100
127 40.6 37.3 55.9
141 14.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 214.158 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 6686

Ion Ratio Lower Upper

59 100

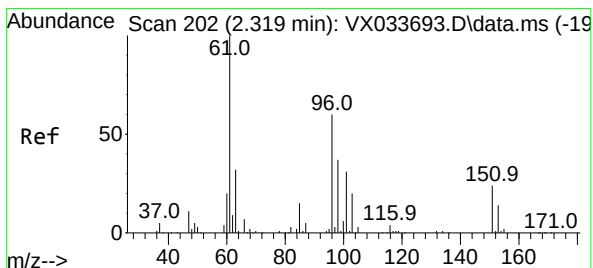
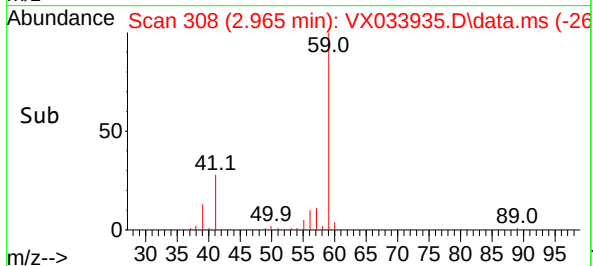
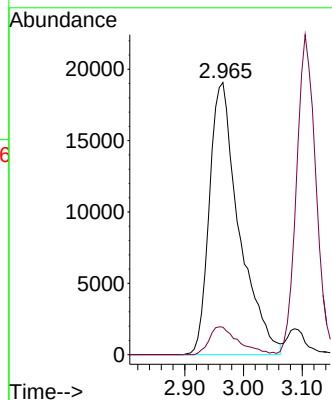
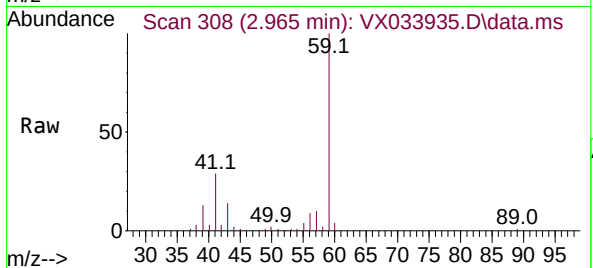
57 10.3 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#12

1,1-Dichloroethene

Concen: 51.047 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

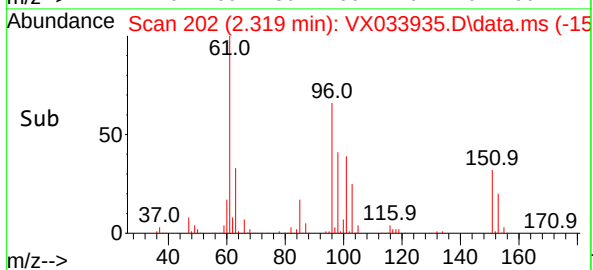
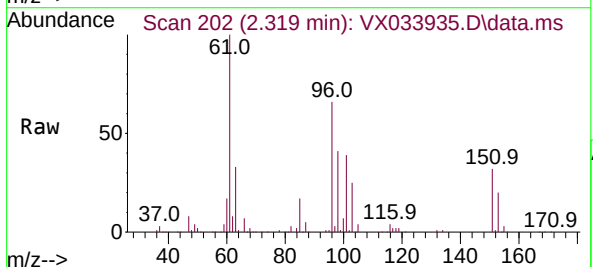
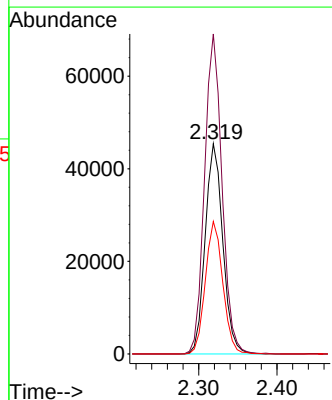
Tgt Ion: 96 Resp: 70904

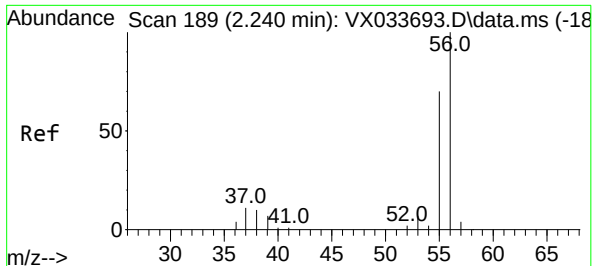
Ion Ratio Lower Upper

96 100

61 152.2 134.2 201.4

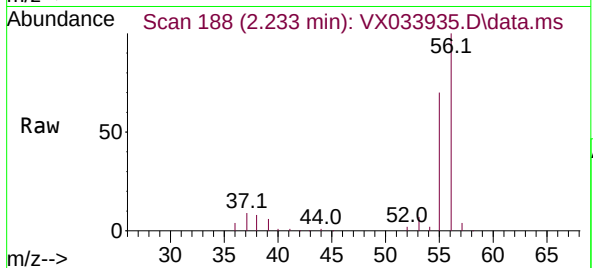
98 63.0 50.2 75.2





#13
Acrolein
Concen: 282.160 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

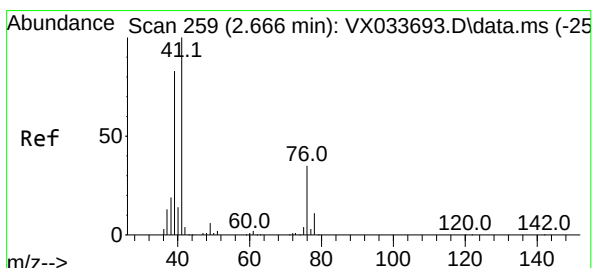
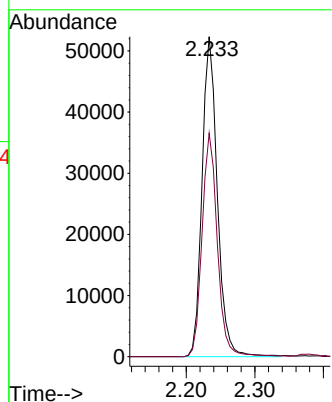
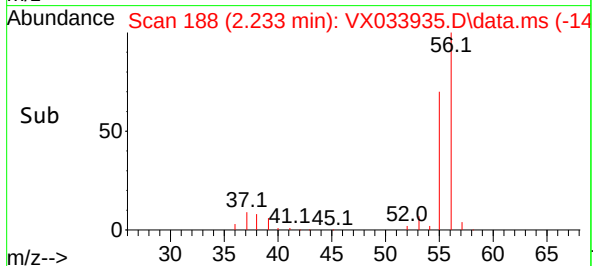
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8128
Ion Ratio Lower Upper
56 100
55 70.0 56.3 84.5

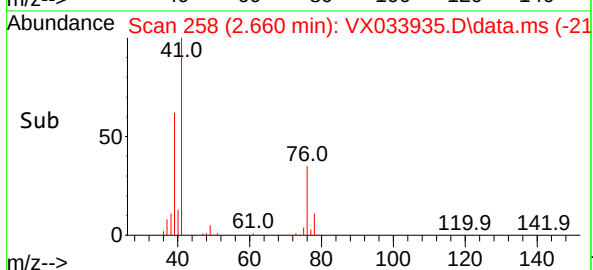
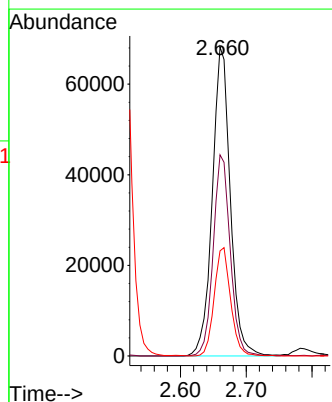
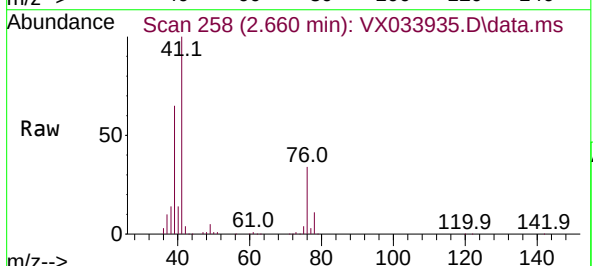
Manual Integrations
APPROVED

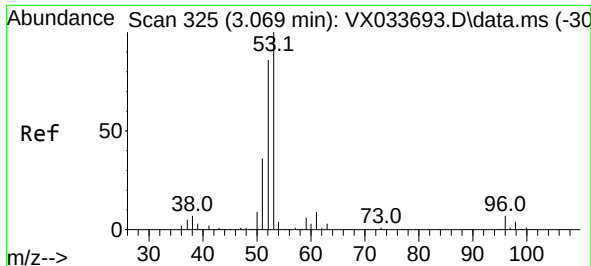
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#14
Allyl chloride
Concen: 49.725 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

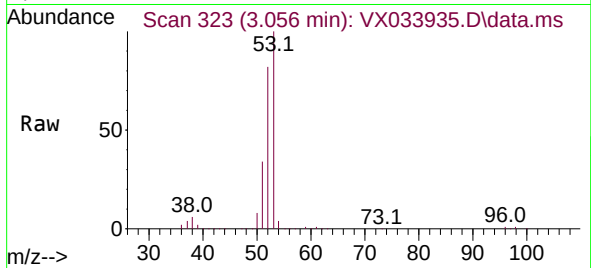
Tgt Ion: 41 Resp: 130268
Ion Ratio Lower Upper
41 100
39 61.5 59.0 88.4
76 32.0 24.6 37.0





#15
Acrylonitrile
Concen: 257.226 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

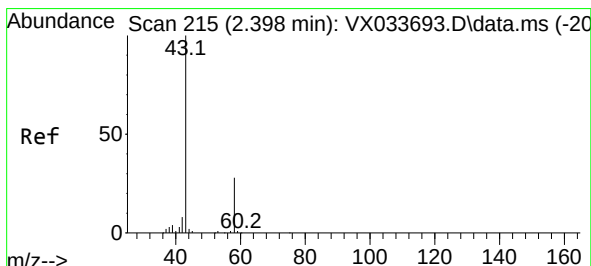
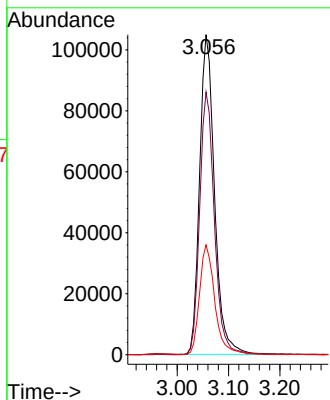
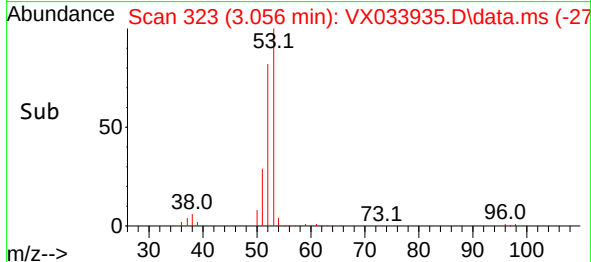
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 21137
Ion Ratio Lower Upper
53 100
52 81.2 65.7 98.5
51 35.0 29.0 43.4

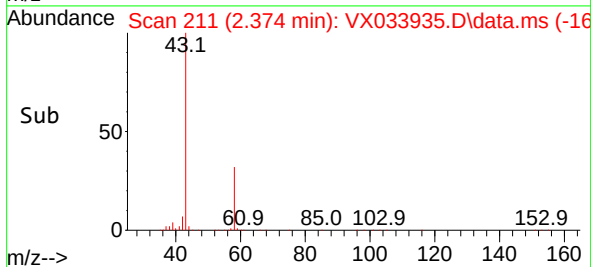
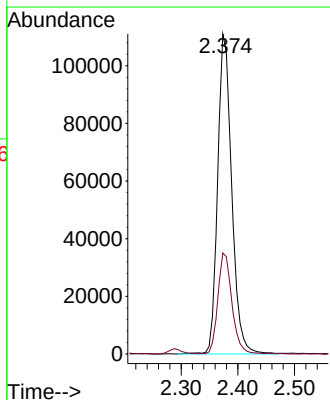
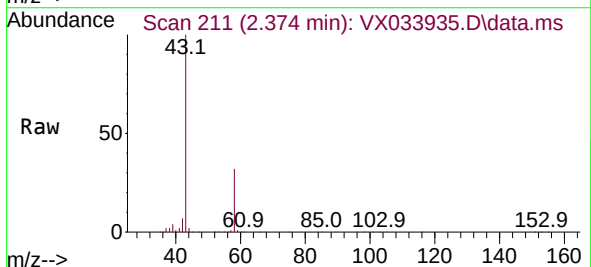
Manual Integrations
APPROVED

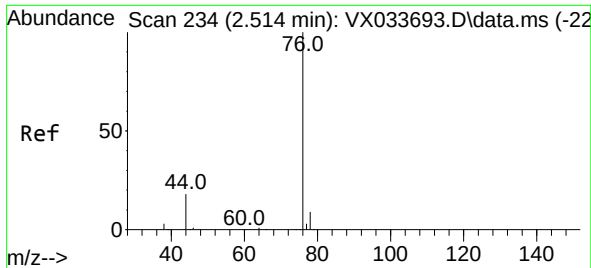
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#16
Acetone
Concen: 294.571 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.024 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

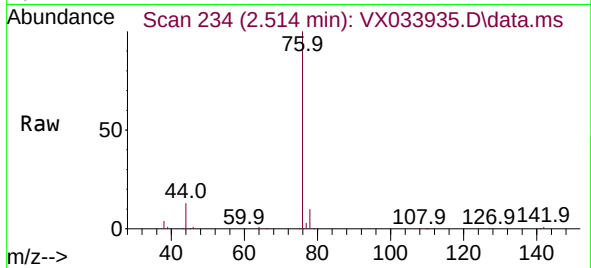
Tgt Ion: 43 Resp: 190969
Ion Ratio Lower Upper
43 100
58 31.5 22.6 33.8





#17
Carbon Disulfide
Concen: 43.720 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

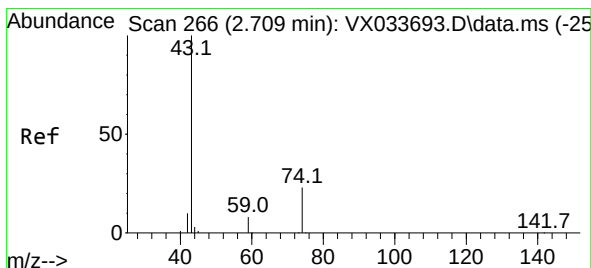
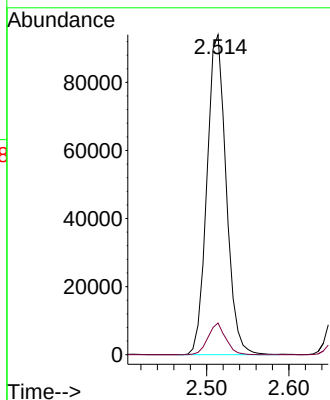
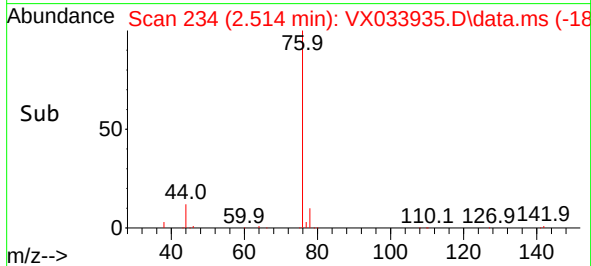
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 152849
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

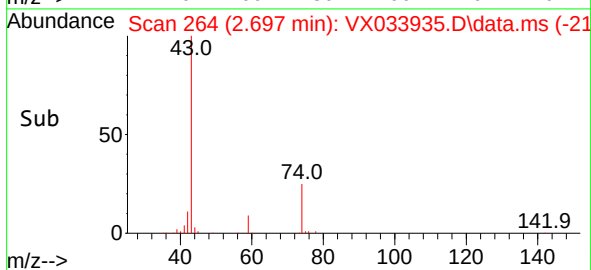
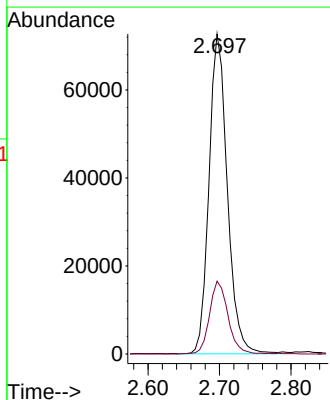
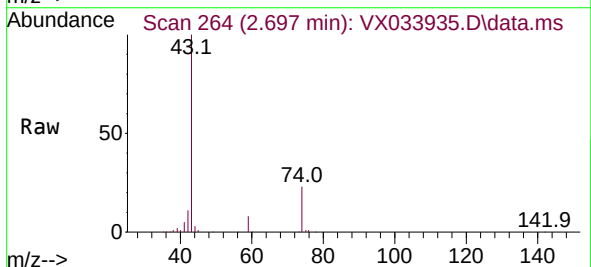
Manual Integrations
APPROVED

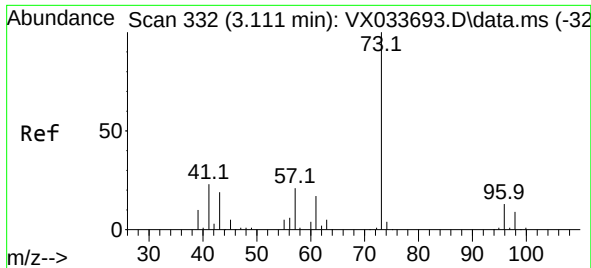
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#18
Methyl Acetate
Concen: 51.528 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 43 Resp: 129253
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4





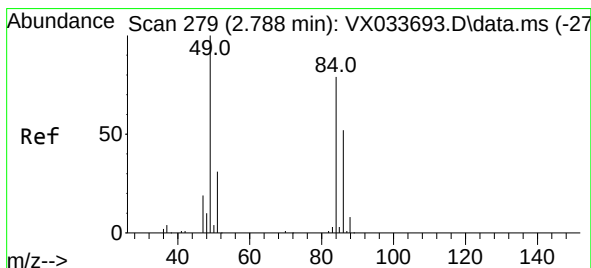
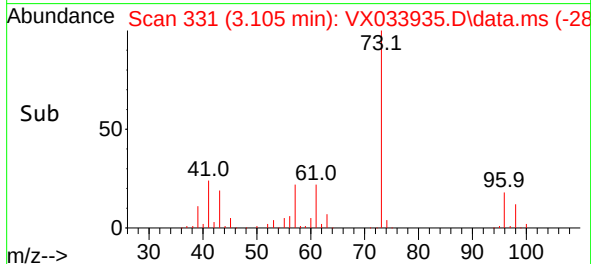
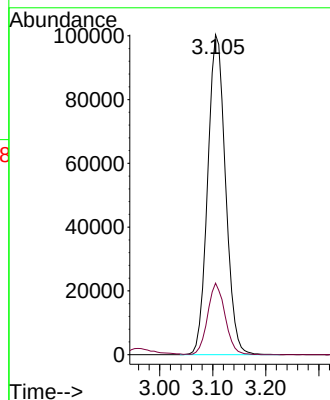
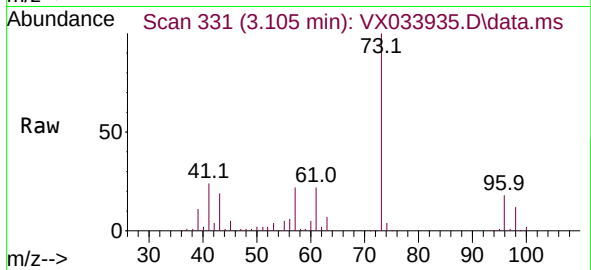
#19
Methyl tert-butyl Ether
Concen: 48.580 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 234358
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

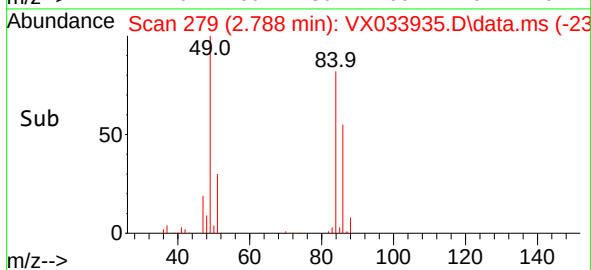
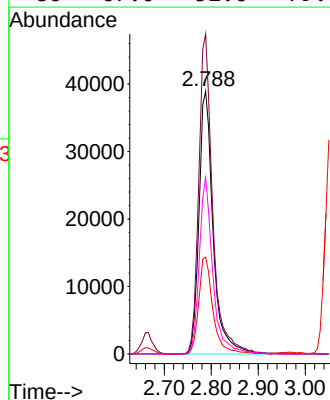
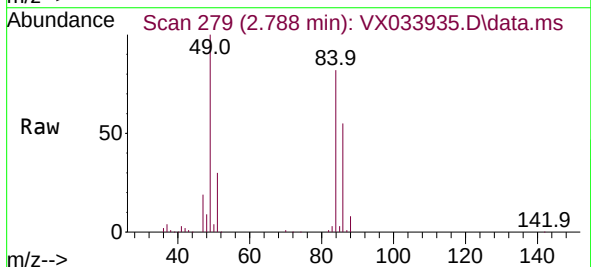
Manual Integrations
APPROVED

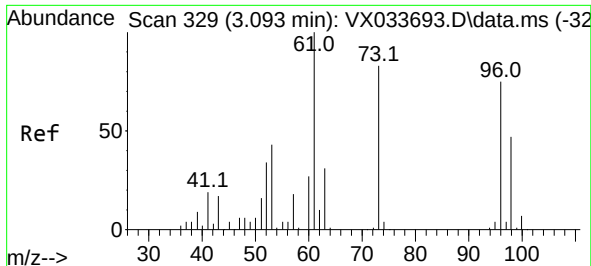
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#20
Methylene Chloride
Concen: 52.316 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

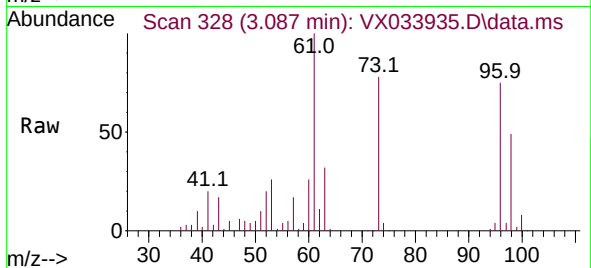
Tgt Ion: 84 Resp: 81579
Ion Ratio Lower Upper
84 100
49 121.8 101.1 151.7
51 36.8 31.0 46.6
86 67.0 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 47.033 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

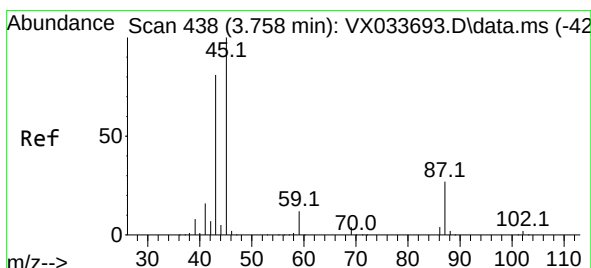
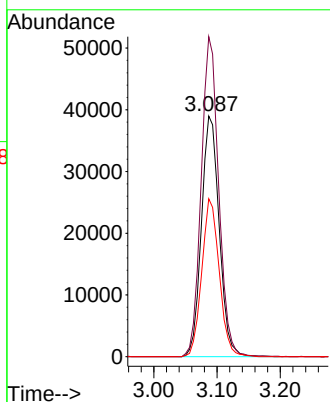
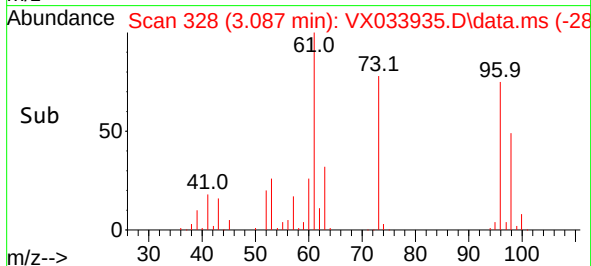
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



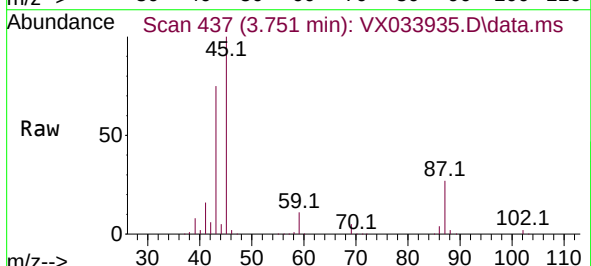
Tgt Ion: 96 Resp: 76372
Ion Ratio Lower Upper
96 100
61 133.0 106.7 160.1
98 65.7 50.0 75.0

Manual Integrations
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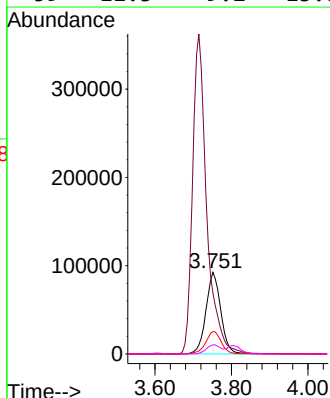
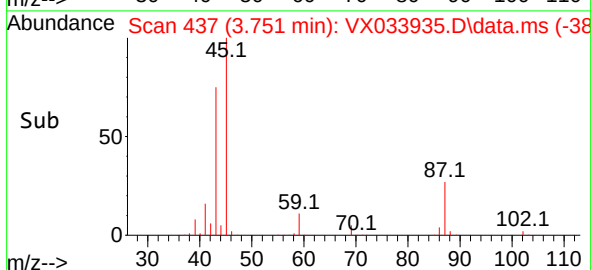
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

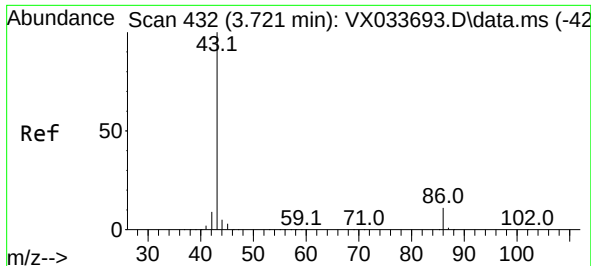


#22
Diisopropyl ether
Concen: 47.244 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02



Tgt Ion: 45 Resp: 249023
Ion Ratio Lower Upper
45 100
43 74.8 64.6 97.0
87 27.5 21.9 32.9
59 11.3 9.2 13.8





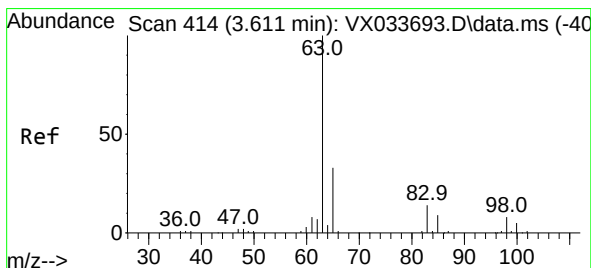
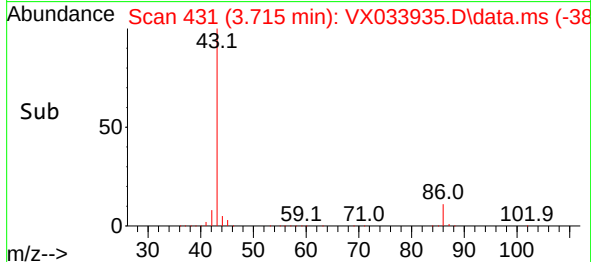
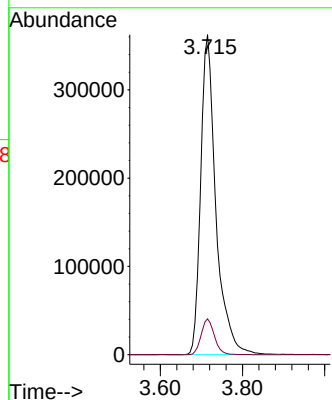
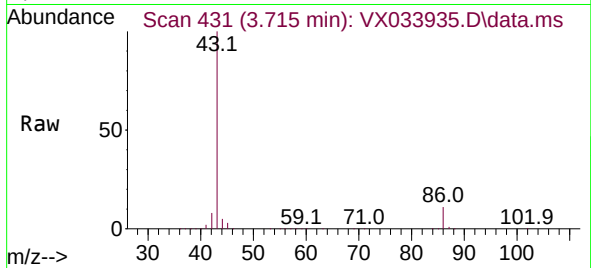
#23
 Vinyl Acetate
 Concen: 234.682 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX033935.D
 Acq: 27 Jan 2023 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 931212
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.4 12.6

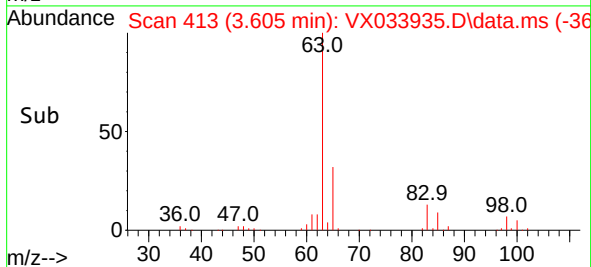
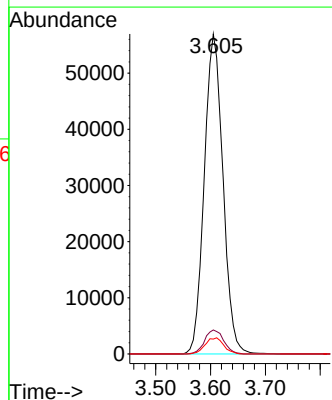
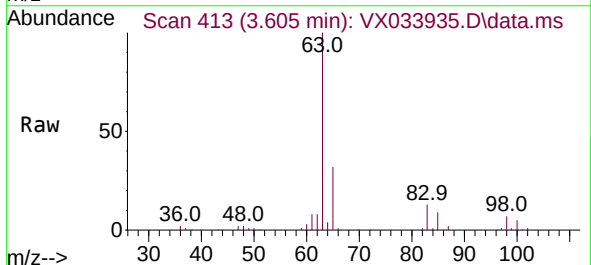
Manual Integrations
 APPROVED

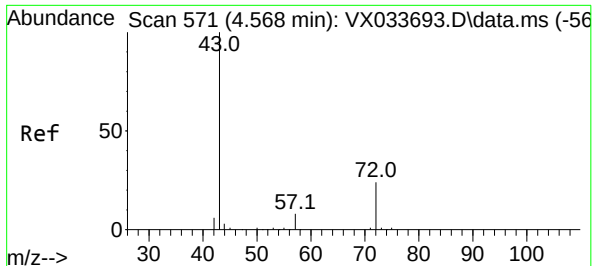
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023



#24
 1,1-Dichloroethane
 Concen: 46.645 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033935.D
 Acq: 27 Jan 2023 17:02

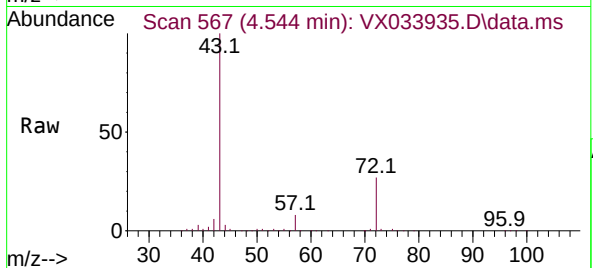
Tgt Ion: 63 Resp: 134515
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 229.370 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.024 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

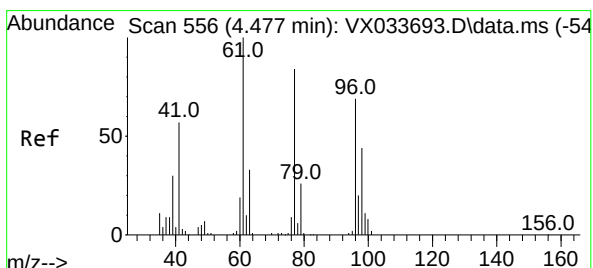
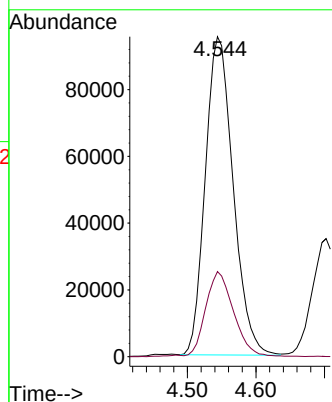
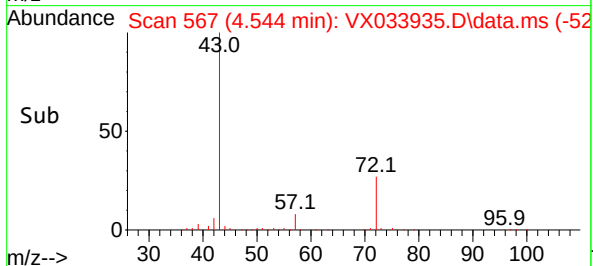
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 26936
Ion Ratio Lower Upper
43 100
72 26.5 19.4 29.2

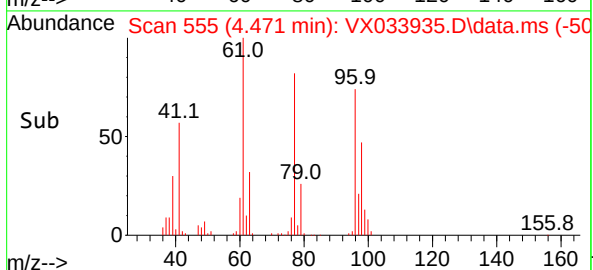
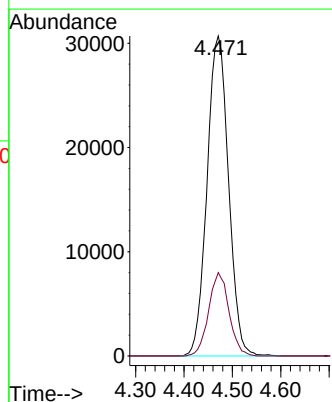
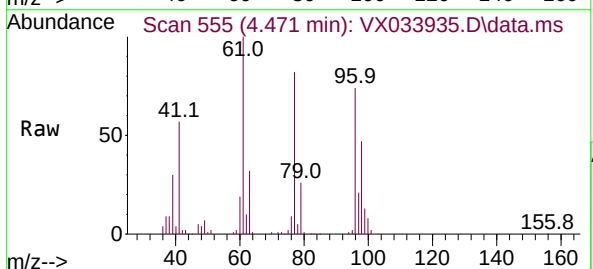
Manual Integrations
APPROVED

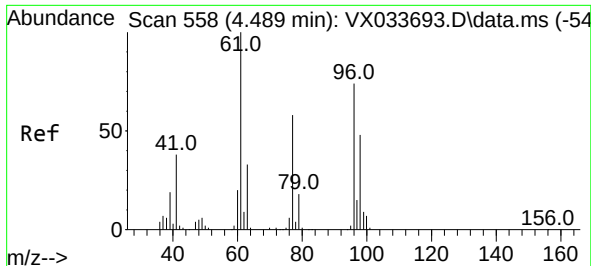
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#26
2,2-Dichloropropane
Concen: 45.918 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 77 Resp: 94852
Ion Ratio Lower Upper
77 100
97 24.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.627 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 88910

Ion Ratio Lower Upper

96 100

61 133.9 0.0 277.6

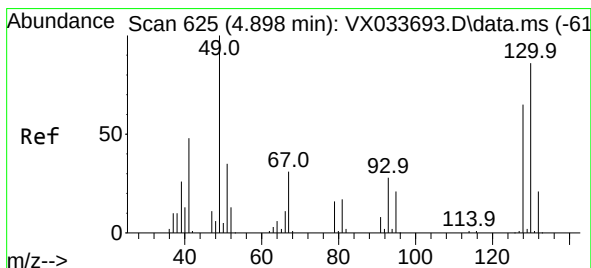
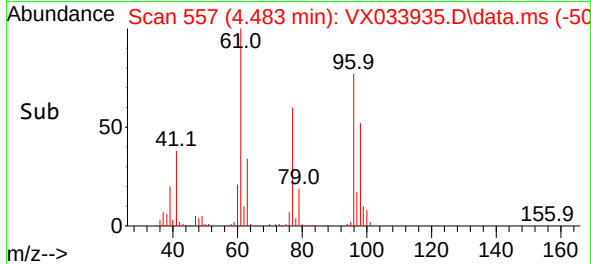
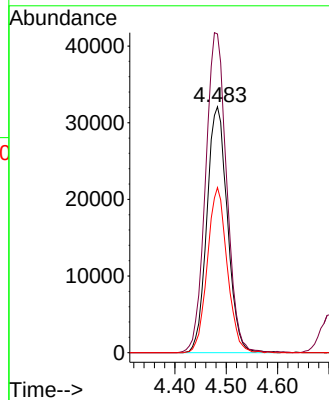
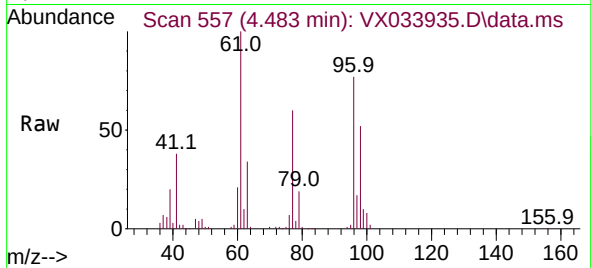
98 64.9 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#28

Bromochloromethane

Concen: 48.715 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

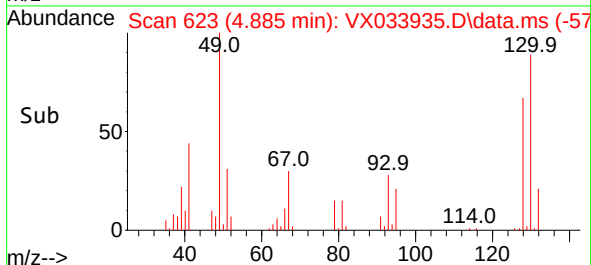
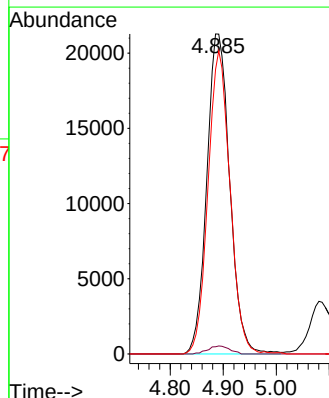
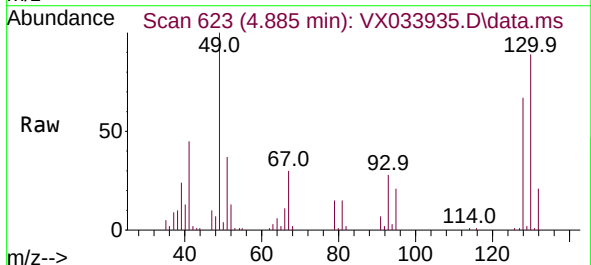
Tgt Ion: 49 Resp: 63993

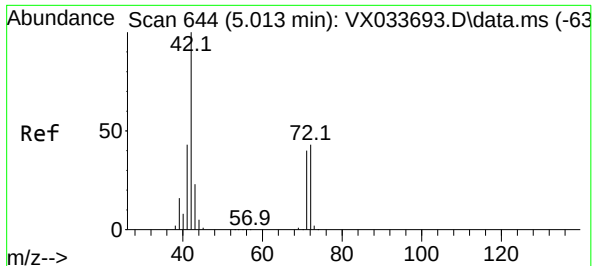
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 90.6 68.5 102.7





#29

Tetrahydrofuran

Concen: 230.997 ug/l

RT: 4.995 min Scan# 644

Delta R.T. -0.018 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 170970

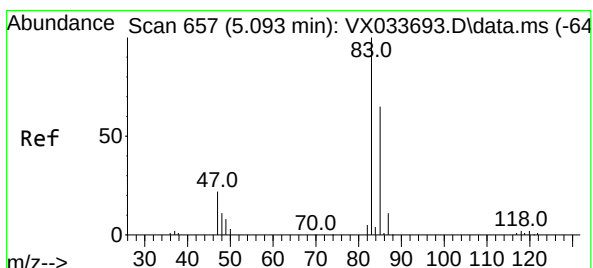
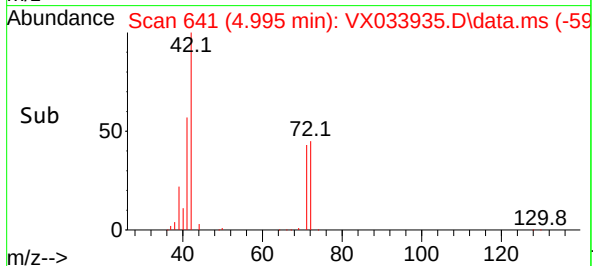
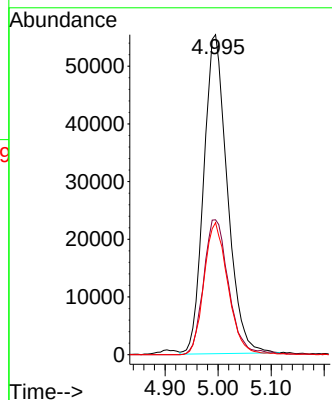
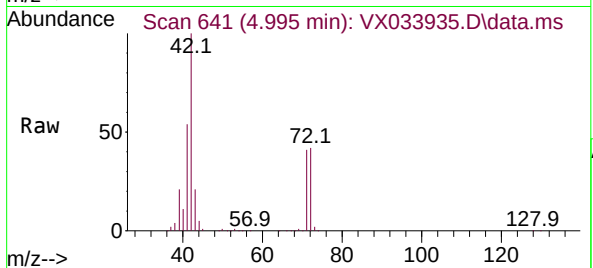
Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.8	52.2
71	42.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#30

Chloroform

Concen: 47.406 ug/l

RT: 5.086 min Scan# 656

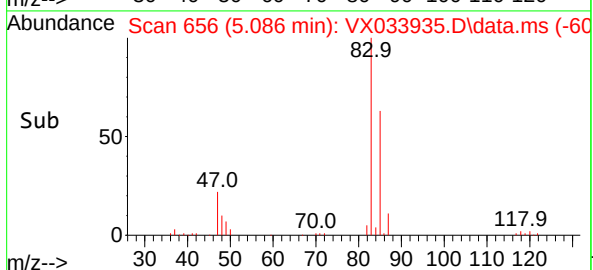
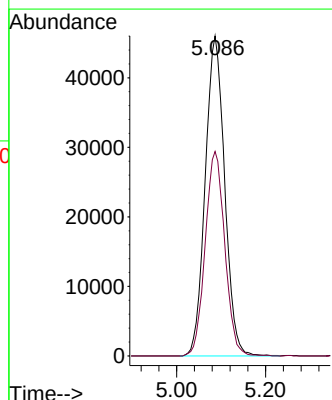
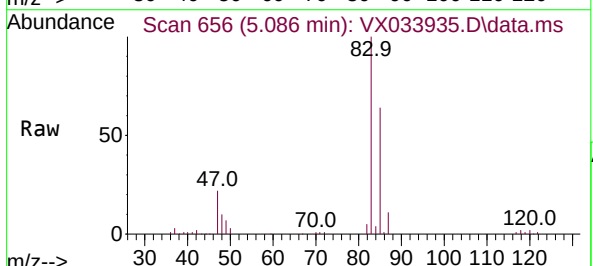
Delta R.T. -0.006 min

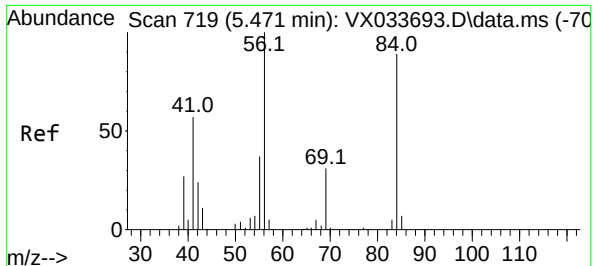
Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Tgt Ion: 83 Resp: 140020

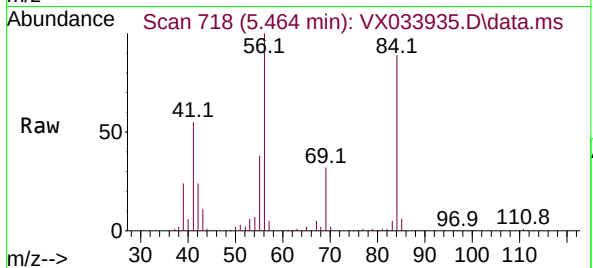
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.1	78.1





#31
Cyclohexane
Concen: 43.499 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

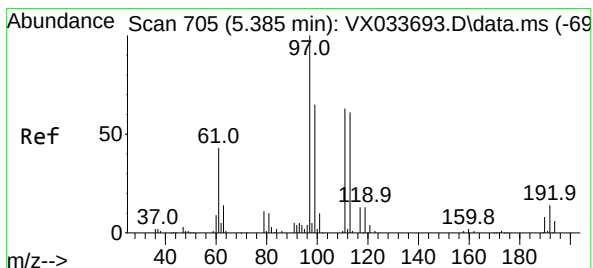
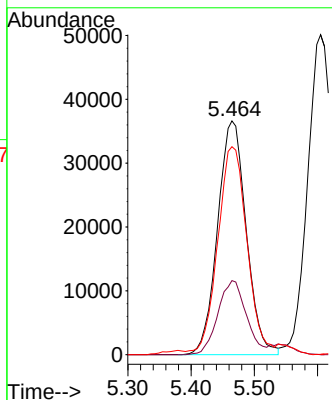
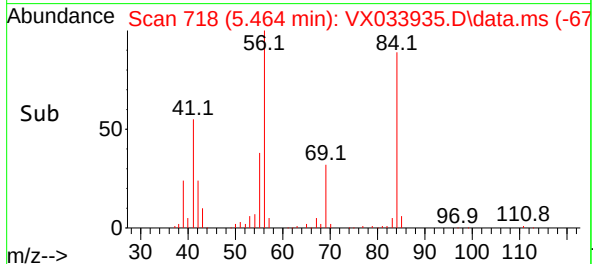
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 11504
Ion Ratio Lower Upper
56 100
69 31.7 24.6 37.0
84 87.1 71.0 106.6

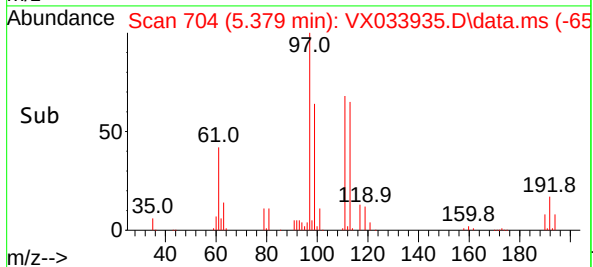
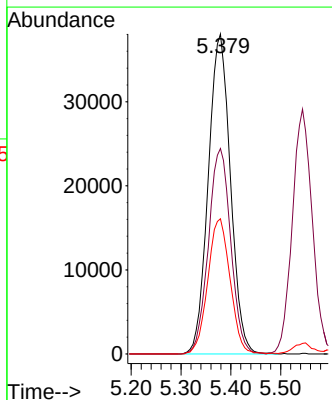
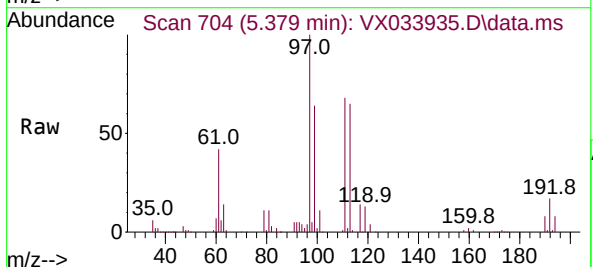
Manual Integrations
APPROVED

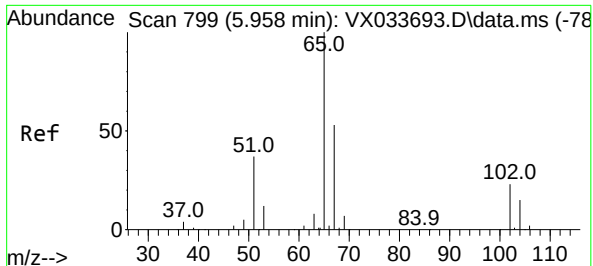
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#32
1,1,1-Trichloroethane
Concen: 46.549 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 97 Resp: 117387
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 42.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.489 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7816

Ion Ratio Lower Upper

65 100

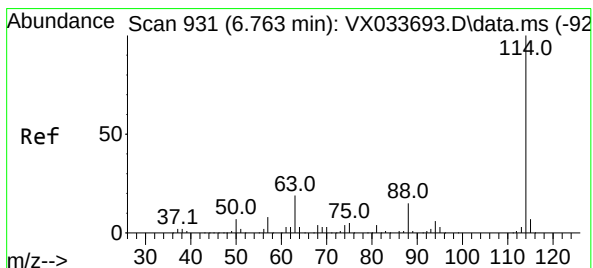
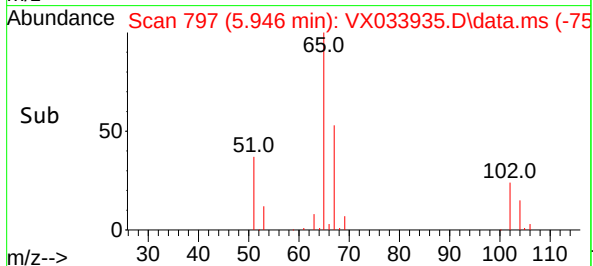
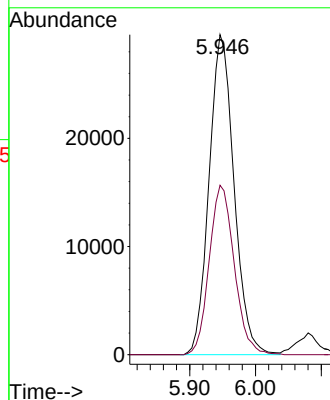
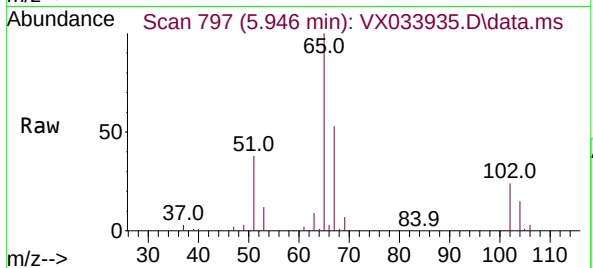
67 53.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

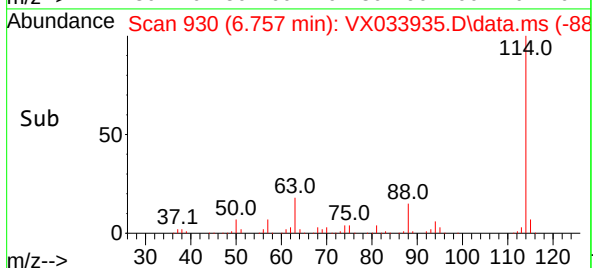
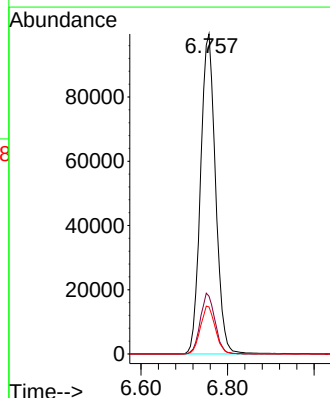
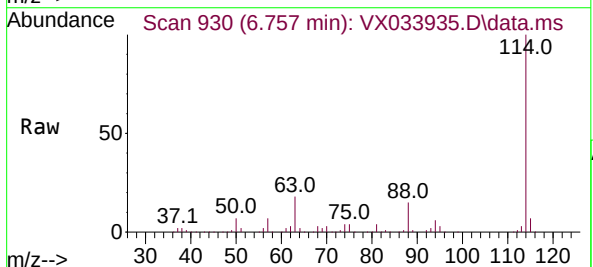
Tgt Ion:114 Resp: 238917

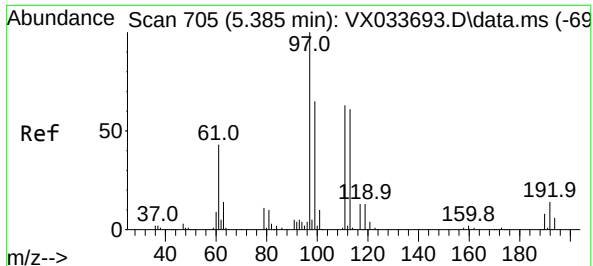
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

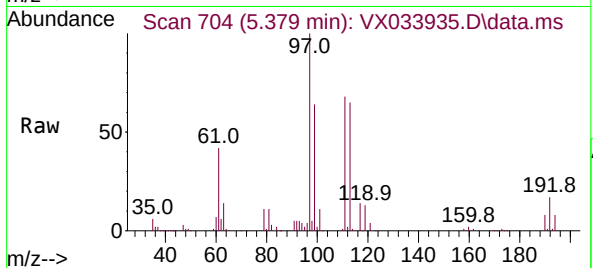
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.322 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

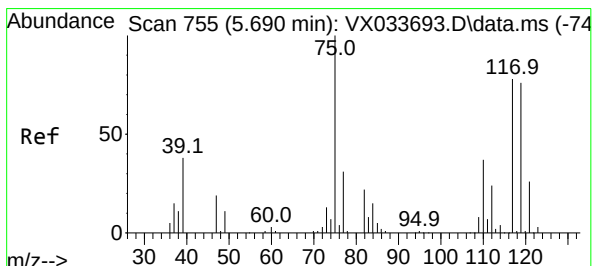
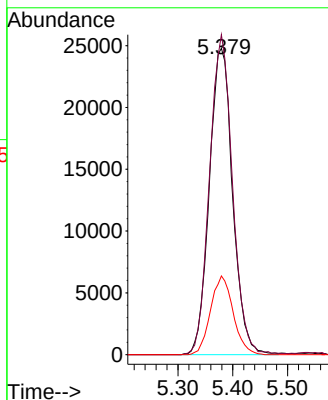
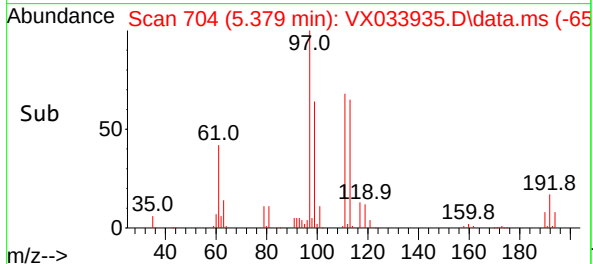
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 7317
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 25.0 19.0 28.4

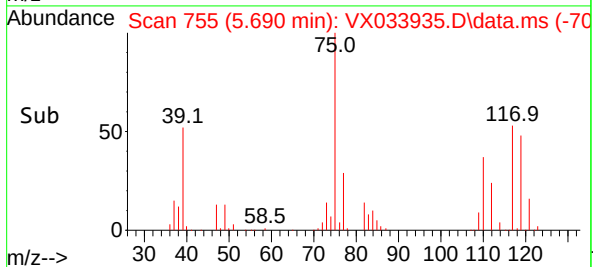
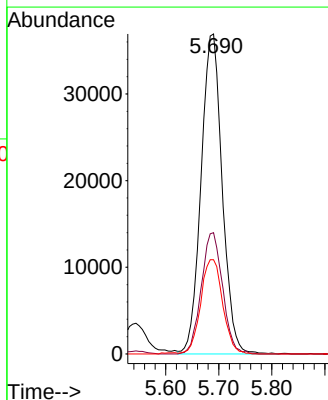
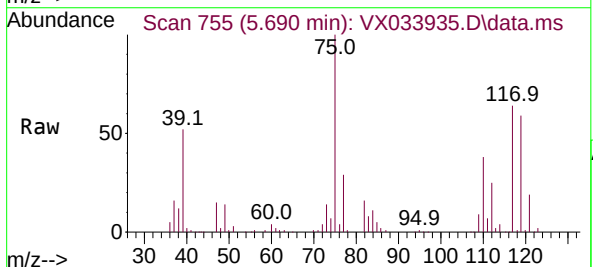
Manual Integrations
APPROVED

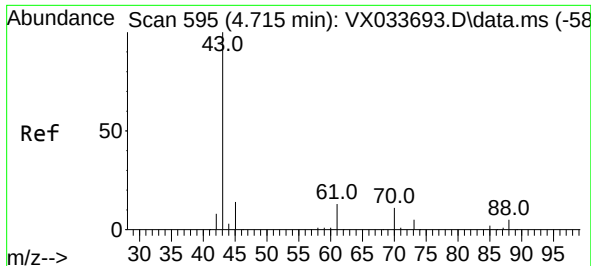
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#36
1,1-Dichloropropene
Concen: 47.267 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 75 Resp: 102342
Ion Ratio Lower Upper
75 100
110 38.2 18.8 56.4
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 50.218 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.013 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10372

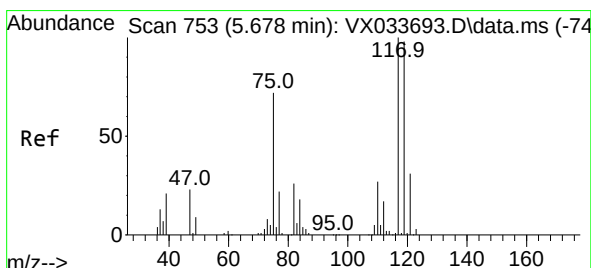
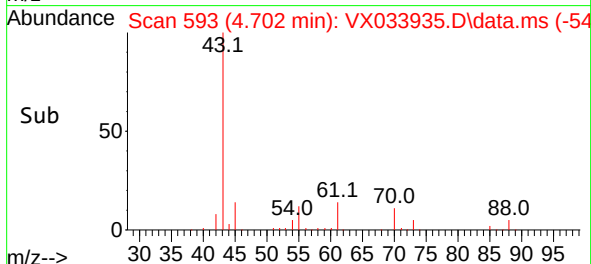
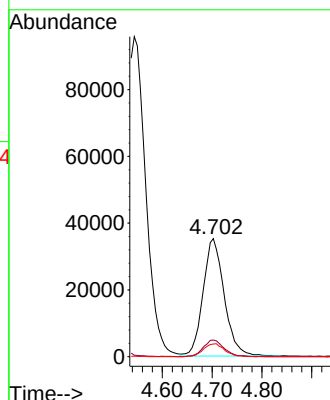
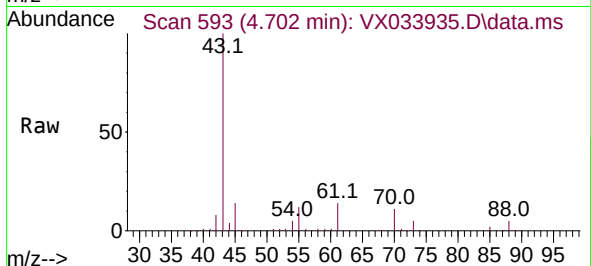
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	11.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#38

Carbon Tetrachloride

Concen: 47.848 ug/l

RT: 5.672 min Scan# 752

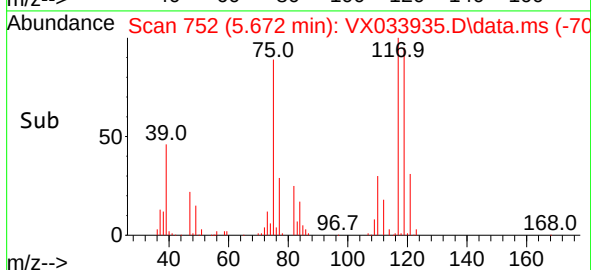
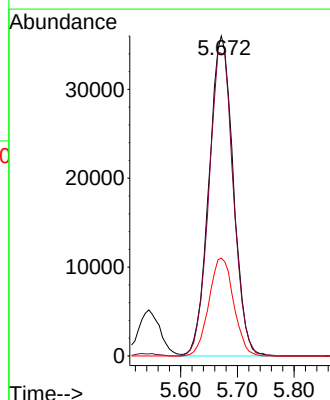
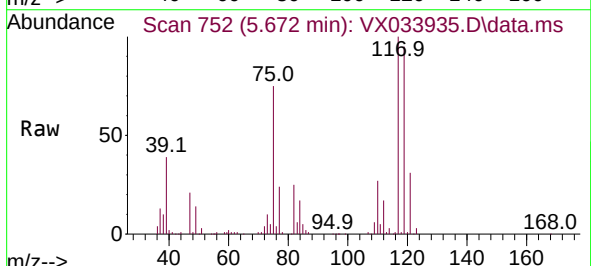
Delta R.T. -0.006 min

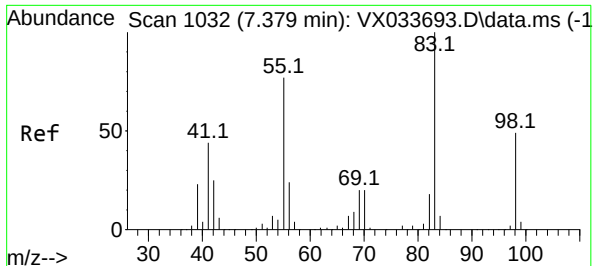
Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Tgt Ion:117 Resp: 107300

Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.0	117.0
121	30.6	24.4	36.6





#39

Methylcyclohexane

Concen: 46.125 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 123329

Ion Ratio Lower Upper

83 100

55 71.1 61.8 92.6

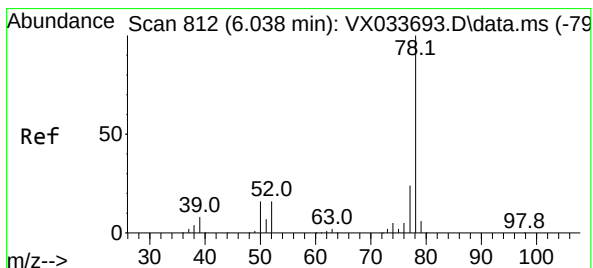
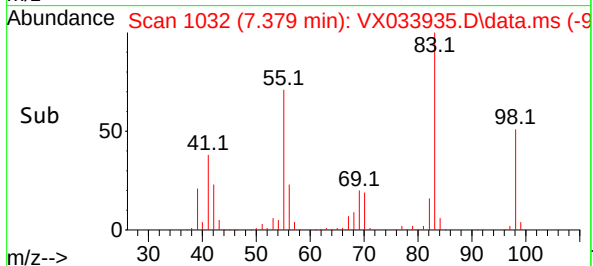
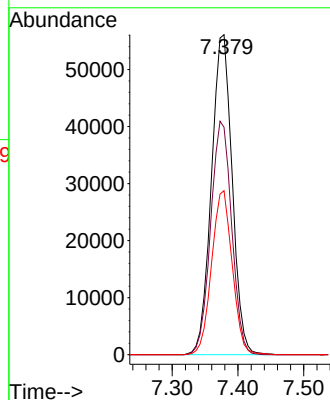
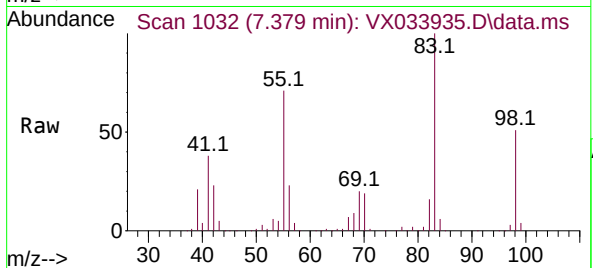
98 51.3 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#40

Benzene

Concen: 48.071 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033935.D

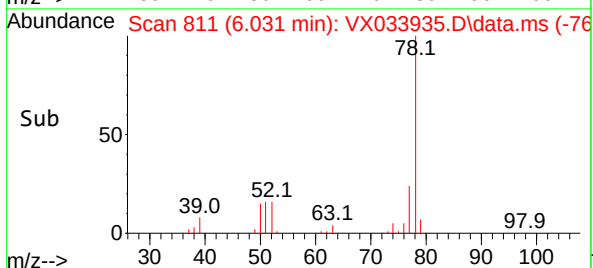
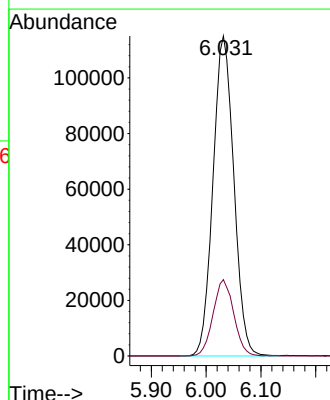
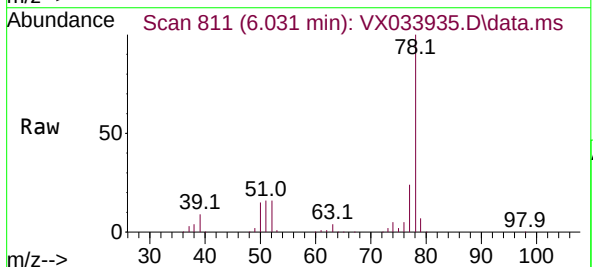
Acq: 27 Jan 2023 17:02

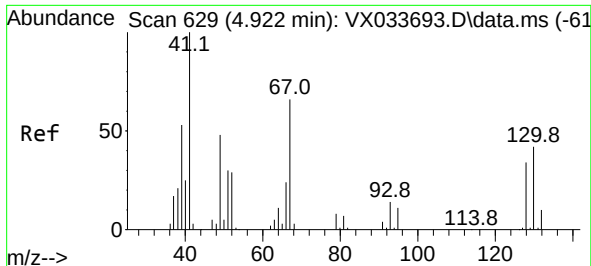
Tgt Ion: 78 Resp: 303377

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4





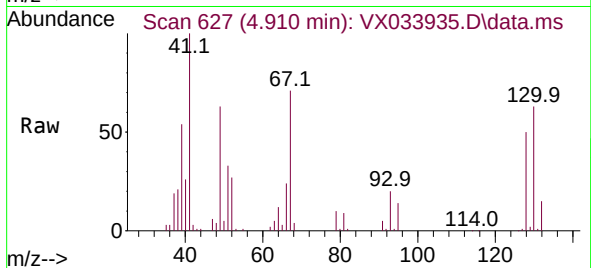
#41
Methacrylonitrile
Concen: 52.024 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



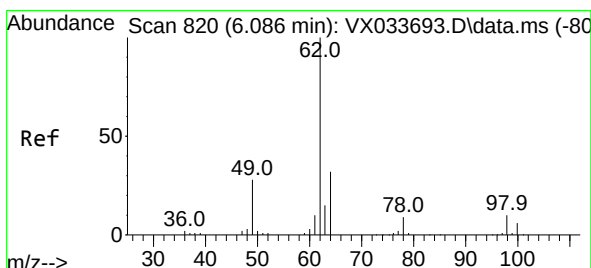
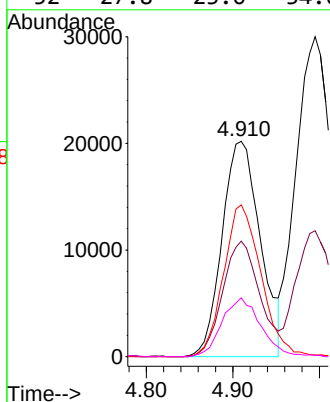
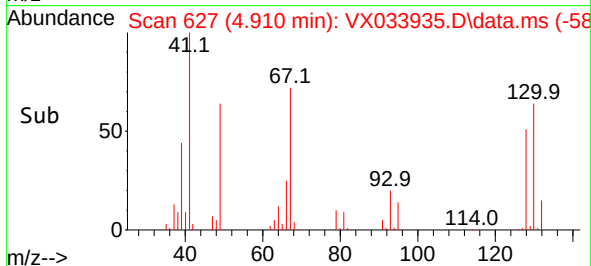
Tgt Ion: 41 Resp: 62073
Ion Ratio Lower Upper
41 100
39 52.1 43.8 65.6
67 69.5 54.8 82.2
52 27.8 23.0 34.6

Manual Integrations

APPROVED

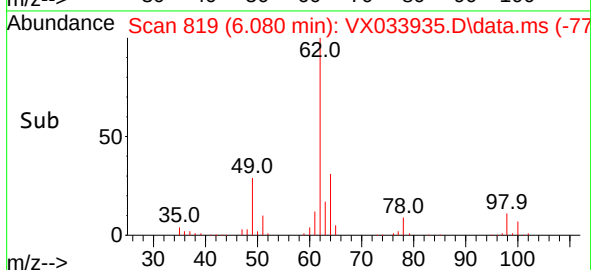
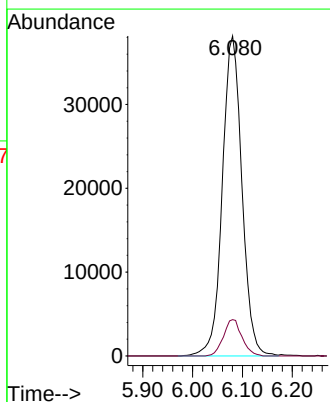
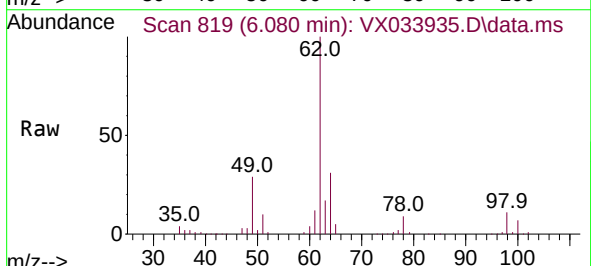
Reviewed By :John Carlone 01/30/2023

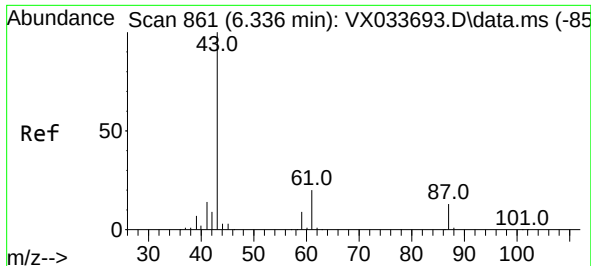
Supervised By :Semsettin Yesilyurt 01/30/2023



#42
1,2-Dichloroethane
Concen: 46.561 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 62 Resp: 104135
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





#43

Isopropyl Acetate

Concen: 48.306 ug/l

RT: 6.330 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

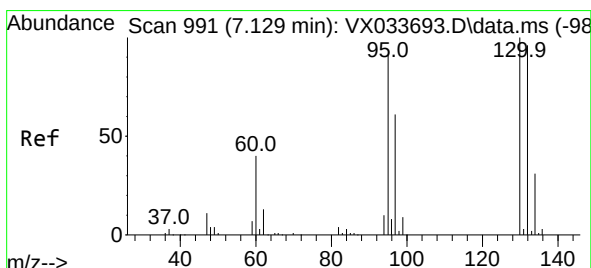
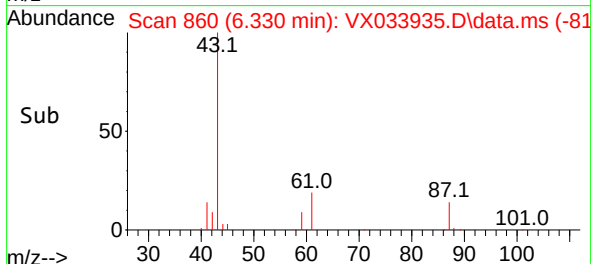
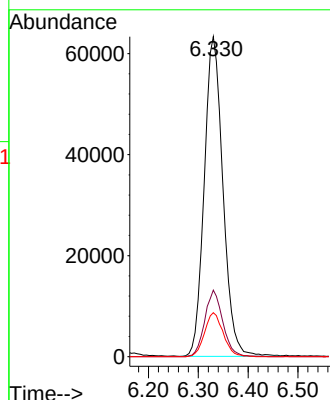
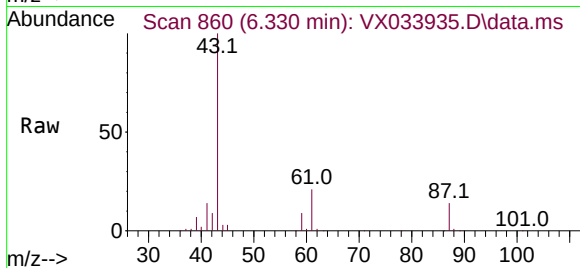
Tgt Ion: 43	Resp: 165110
Ion Ratio	Lower Upper
43 100	
61 20.1	15.7 23.5
87 13.7	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#44

Trichloroethene

Concen: 51.647 ug/l

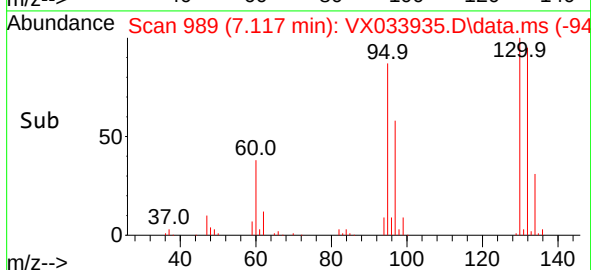
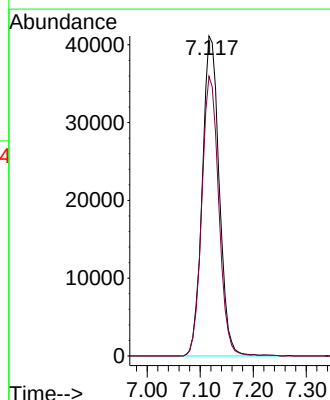
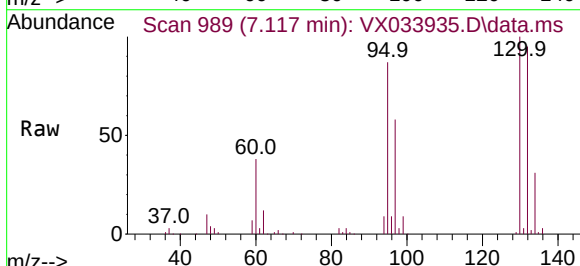
RT: 7.117 min Scan# 989

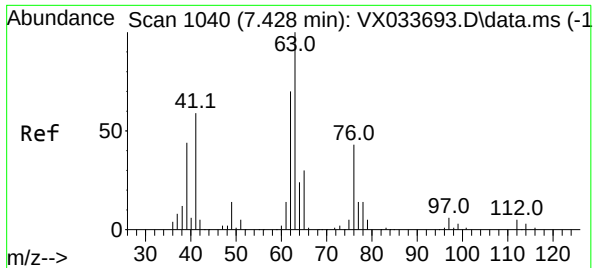
Delta R.T. -0.012 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Tgt Ion:130	Resp: 91145
Ion Ratio	Lower Upper
130 100	
95 87.4	0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.038 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7910

Ion Ratio Lower Upper

63 100

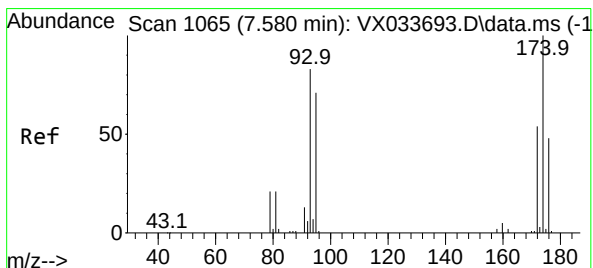
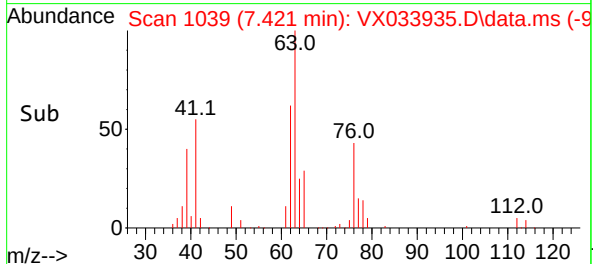
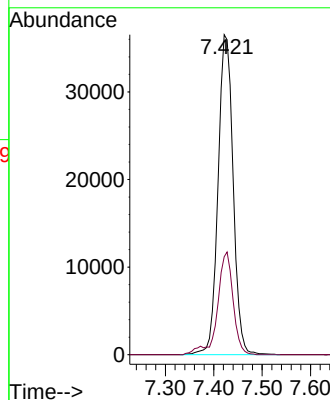
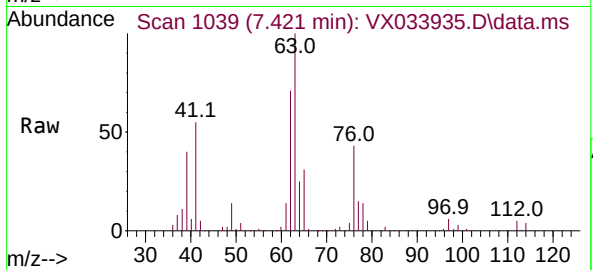
65 30.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#46

Dibromomethane

Concen: 49.956 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

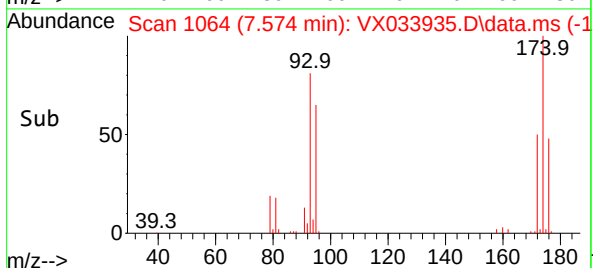
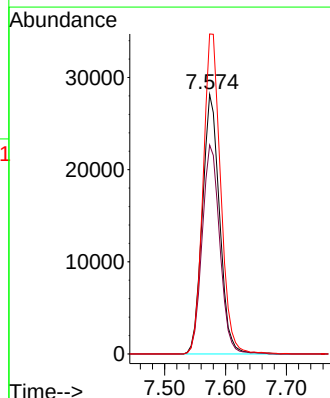
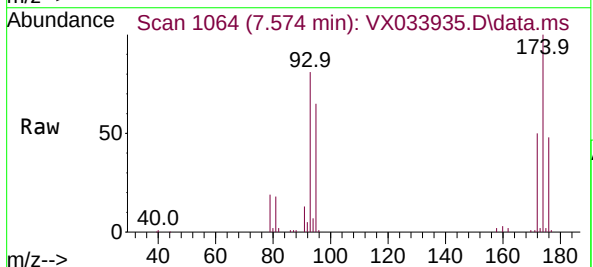
Tgt Ion: 93 Resp: 55164

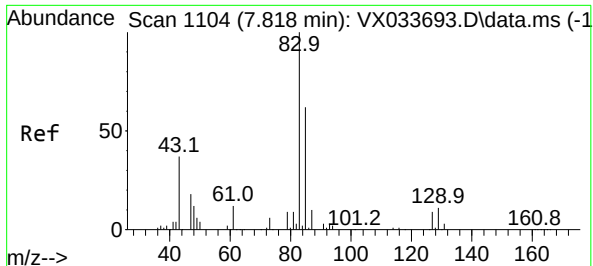
Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

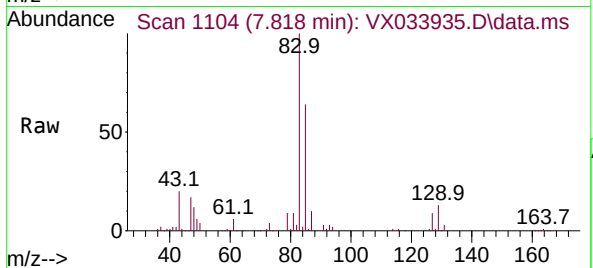
174 126.0 97.4 146.0





#47
Bromodichloromethane
Concen: 50.579 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

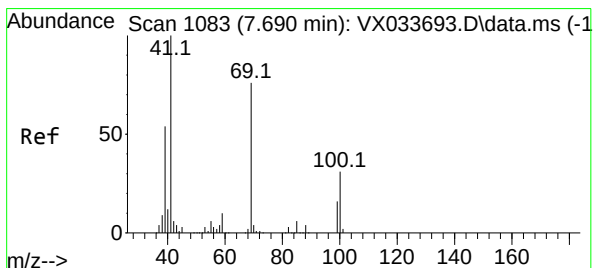
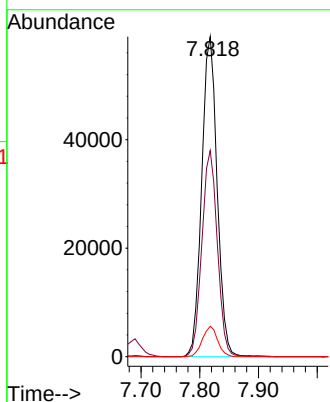
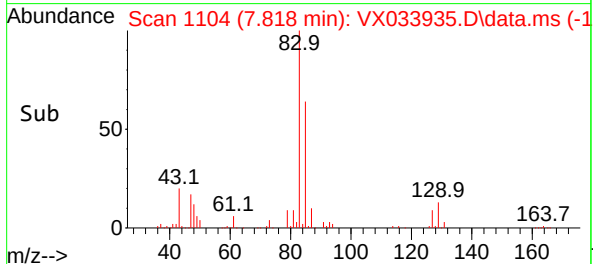
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 107638
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.5 7.0 10.4

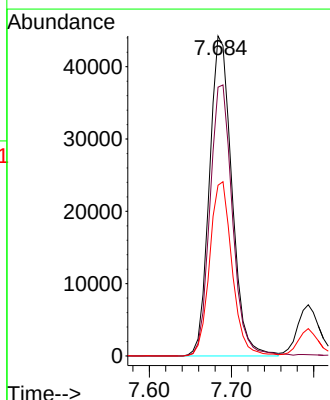
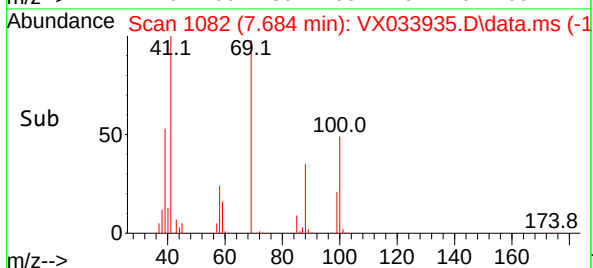
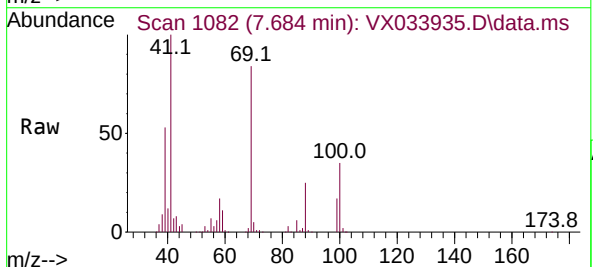
Manual Integrations
APPROVED

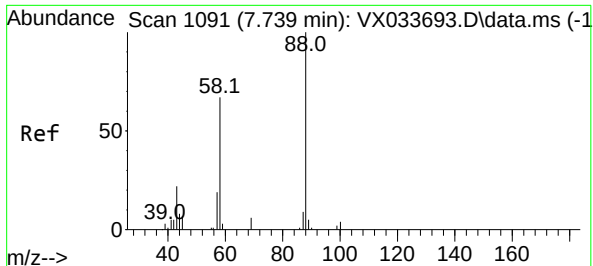
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#48
Methyl methacrylate
Concen: 48.841 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

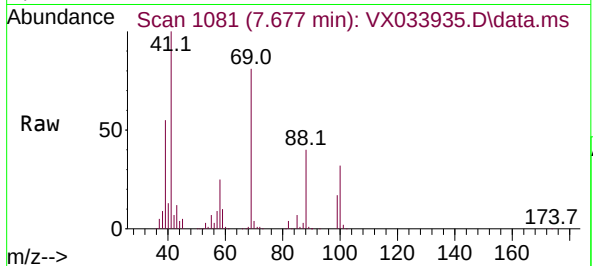
Tgt Ion: 41 Resp: 84097
Ion Ratio Lower Upper
41 100
69 84.8 63.1 94.7
39 54.4 43.2 64.8





#49
1,4-Dioxane
Concen: 840.399 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.061 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

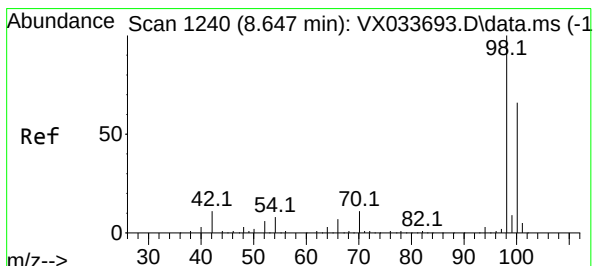
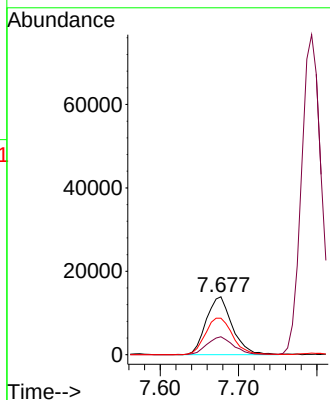
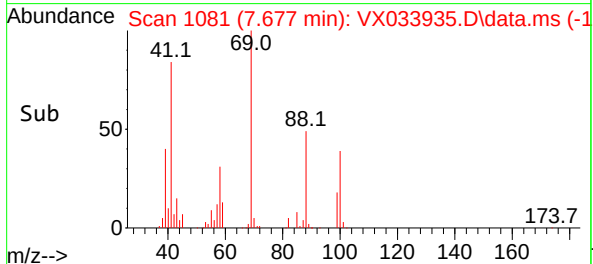
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 32000
Ion Ratio Lower Upper
88 100
43 31.8 0.0 0.0
58 66.7 56.5 84.7

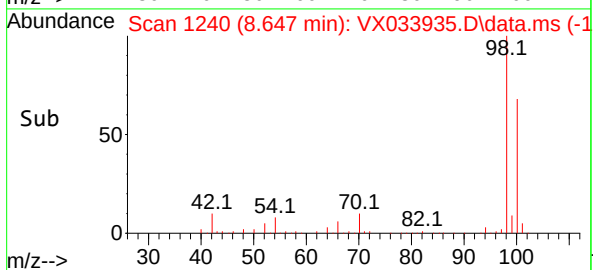
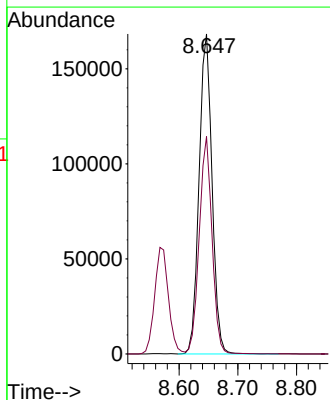
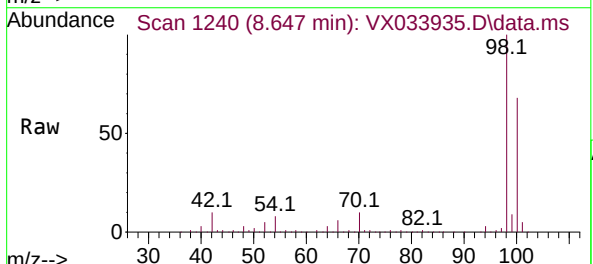
Manual Integrations
APPROVED

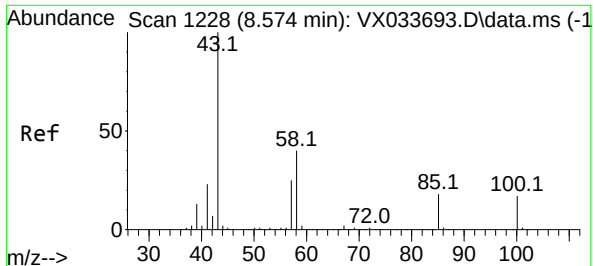
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#50
Toluene-d8
Concen: 47.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 98 Resp: 257240
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 251.340 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 527620

Ion Ratio Lower Upper

43 100

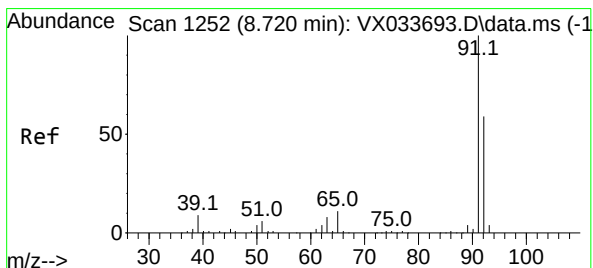
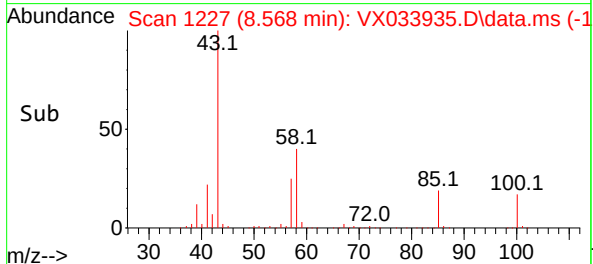
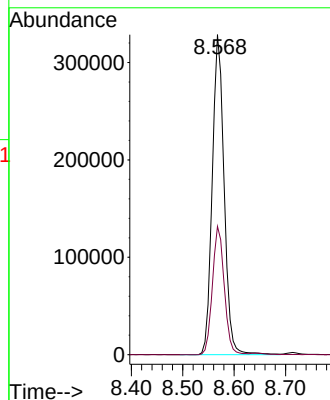
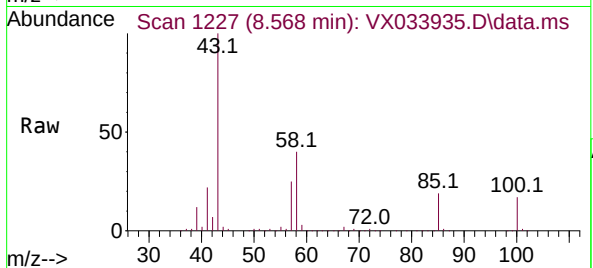
58 40.0 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#52

Toluene

Concen: 48.747 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033935.D

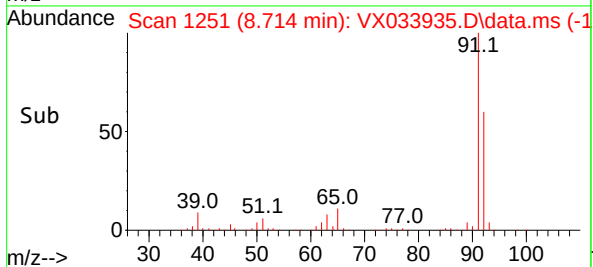
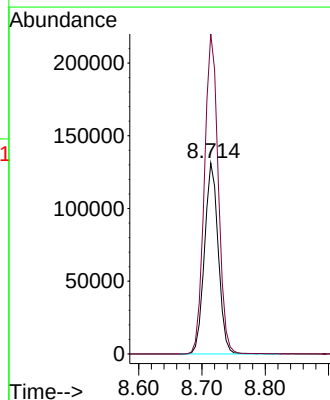
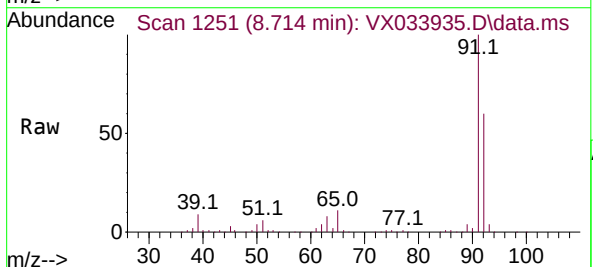
Acq: 27 Jan 2023 17:02

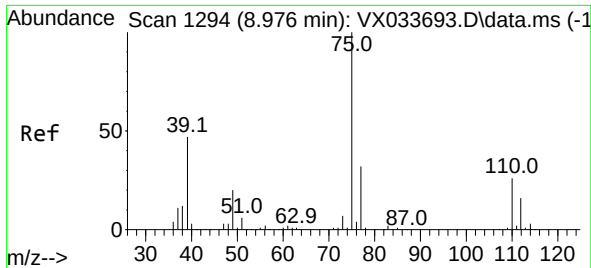
Tgt Ion: 92 Resp: 198669

Ion Ratio Lower Upper

92 100

91 169.4 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 51.406 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

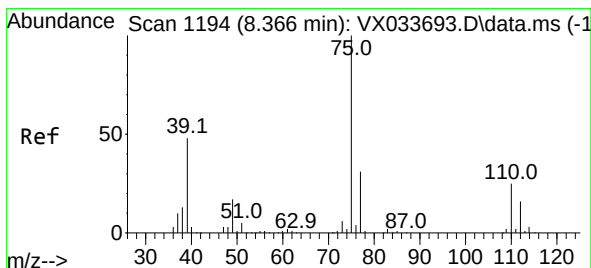
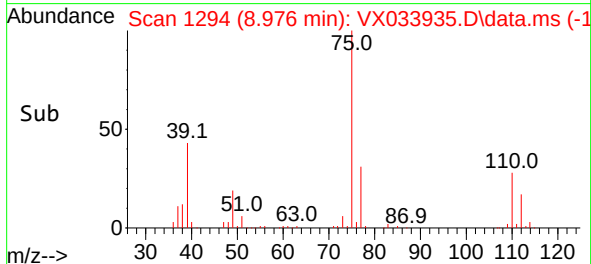
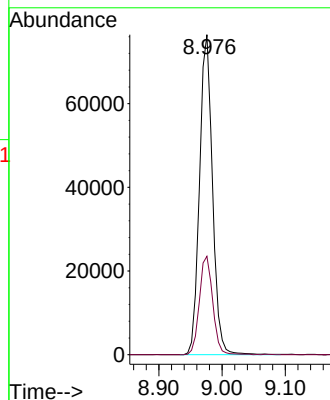
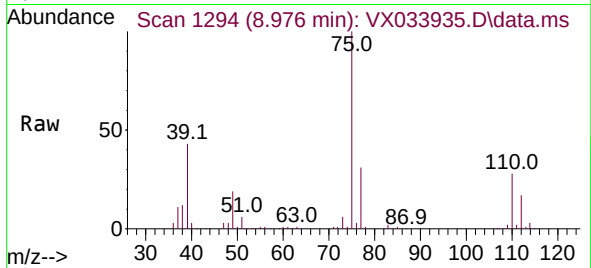
VSTDCCC050EC

Tgt Ion: 75 Resp: 10940
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3

Manual Integrations

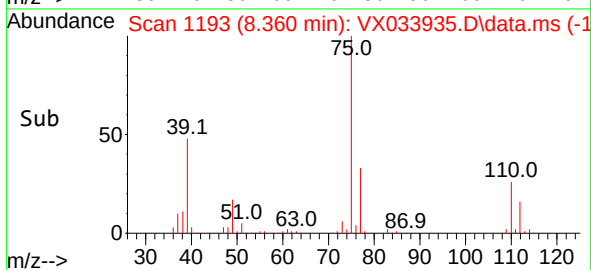
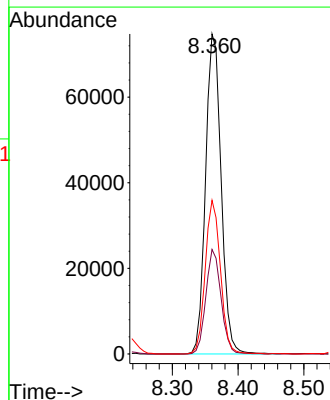
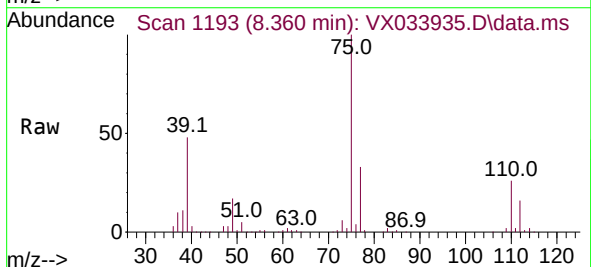
APPROVED

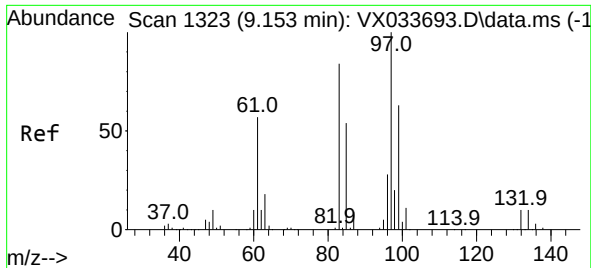
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#54
cis-1,3-Dichloropropene
Concen: 51.770 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

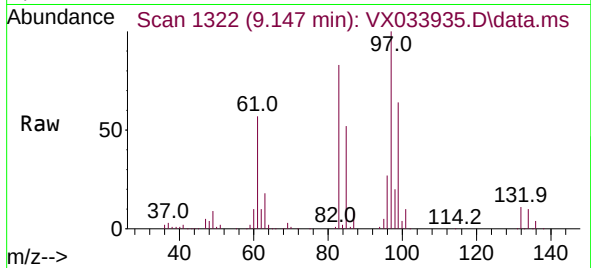
Tgt Ion: 75 Resp: 123455
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6
39 48.0 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 50.918 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

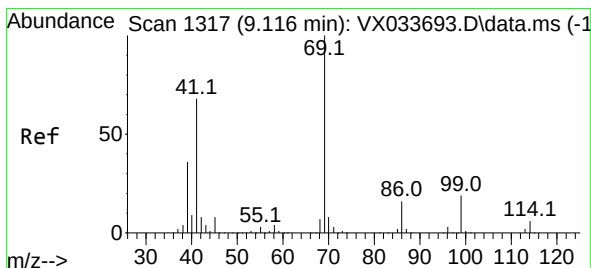
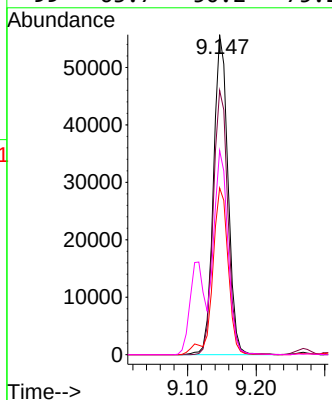
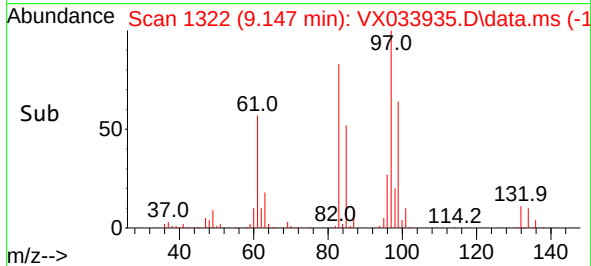
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



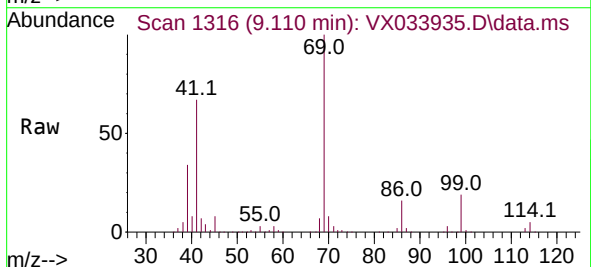
Tgt Ion: 97 Resp: 8214
Ion Ratio Lower Upper
97 100
83 82.6 67.4 101.0
85 52.1 43.2 64.8
99 63.7 50.2 75.2

Manual Integrations
APPROVED

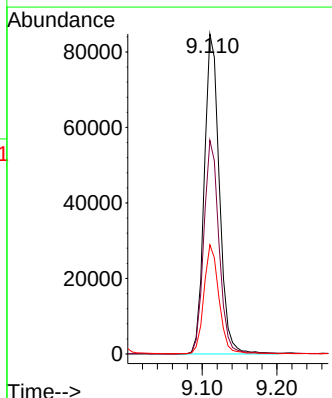
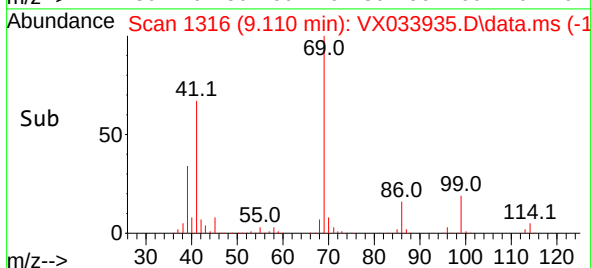
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

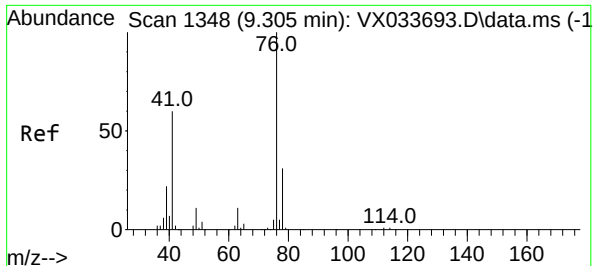


#56
Ethyl methacrylate
Concen: 52.312 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02



Tgt Ion: 69 Resp: 118766
Ion Ratio Lower Upper
69 100
41 67.5 55.1 82.7
39 33.9 28.5 42.7





#57

1,3-Dichloropropane

Concen: 51.114 ug/l

RT: 9.305 min Scan# 113708

Delta R.T. -0.000 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 133708

Ion Ratio Lower Upper

76 100

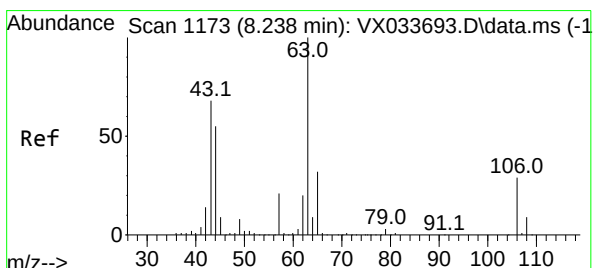
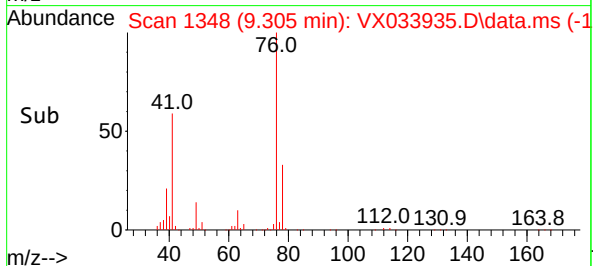
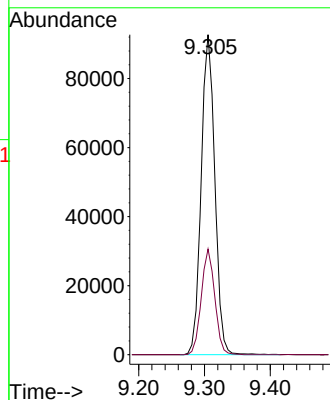
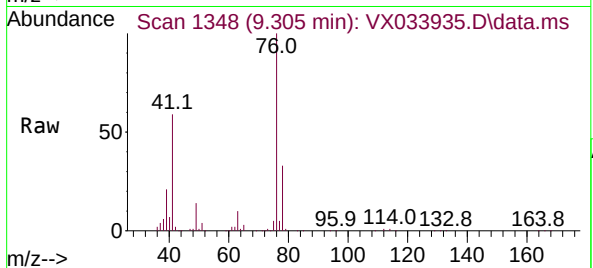
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 248.182 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033935.D

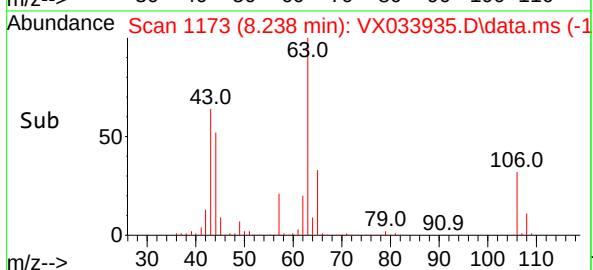
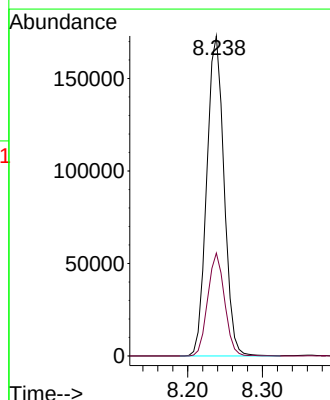
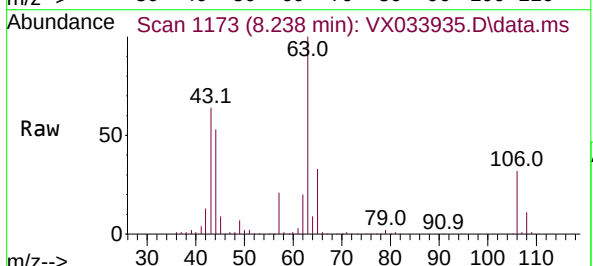
Acq: 27 Jan 2023 17:02

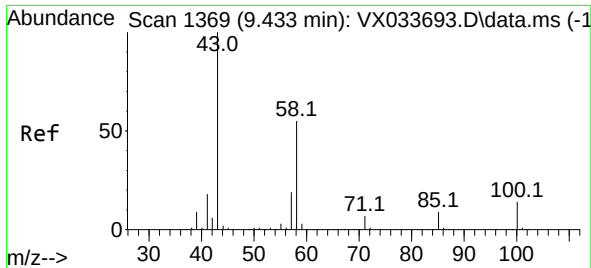
Tgt Ion: 63 Resp: 277498

Ion Ratio Lower Upper

63 100

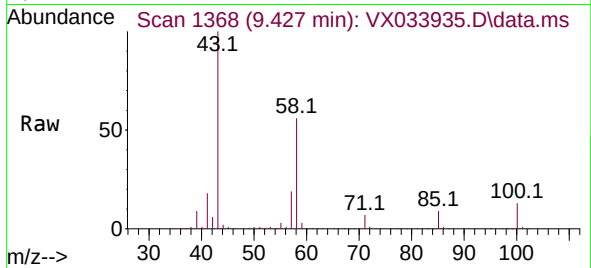
106 31.3 24.5 36.7





#59
2-Hexanone
Concen: 264.107 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

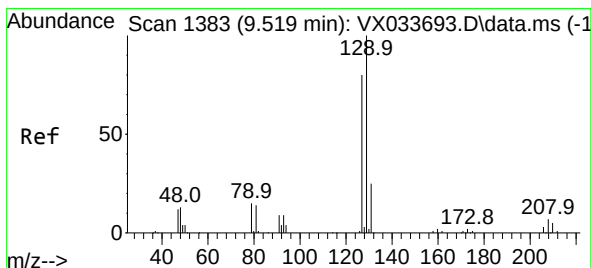
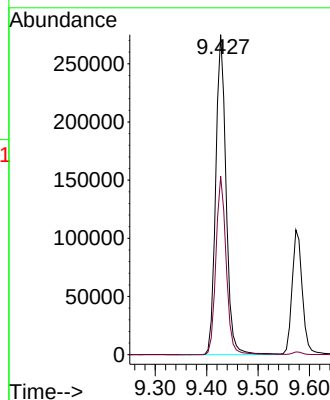
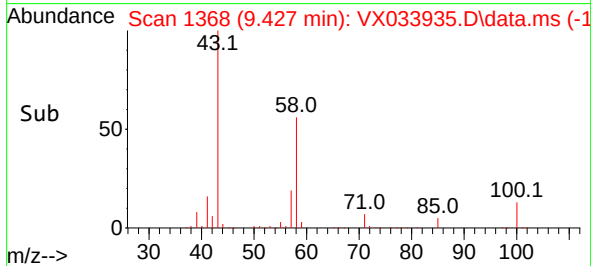
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38588
Ion Ratio Lower Upper
43 100
58 55.3 27.4 82.0

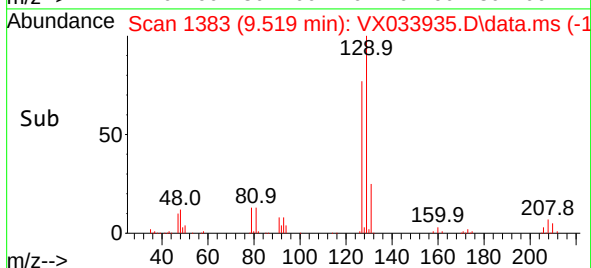
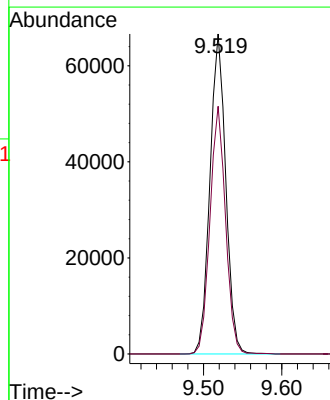
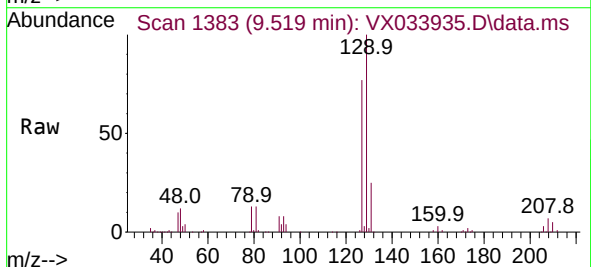
Manual Integrations
APPROVED

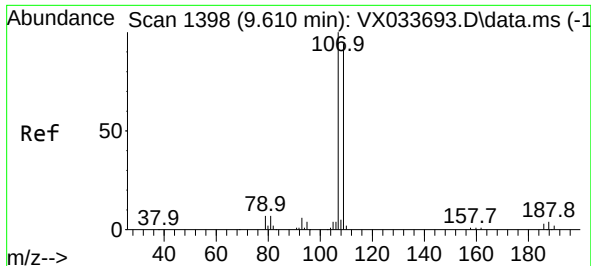
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#60
Dibromochloromethane
Concen: 55.720 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion:129 Resp: 93192
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 53.855 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

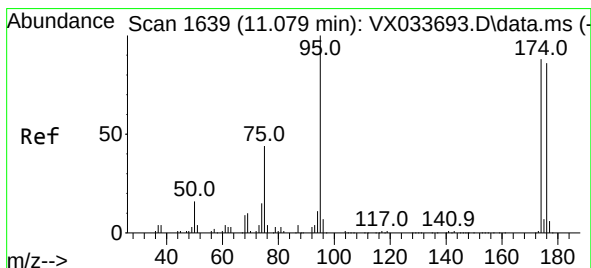
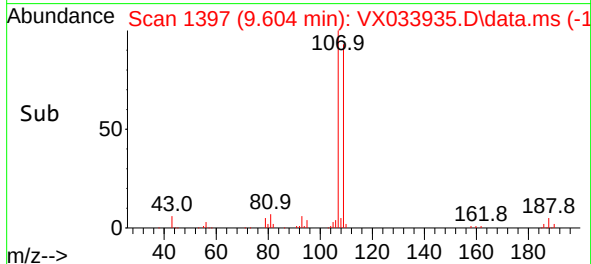
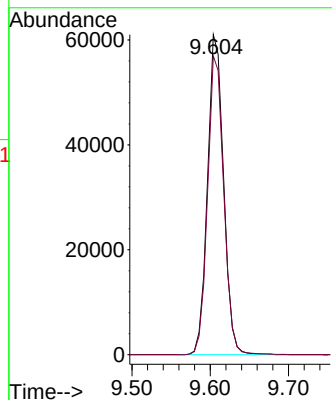
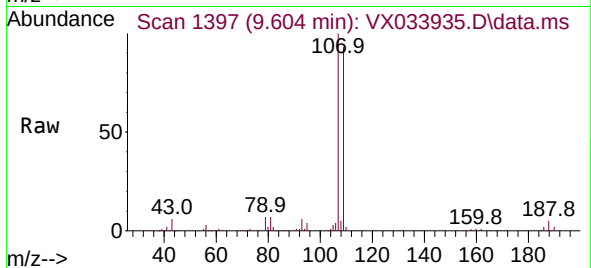
Tgt Ion:107 Resp: 8670
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.2

Manual Integrations

APPROVED

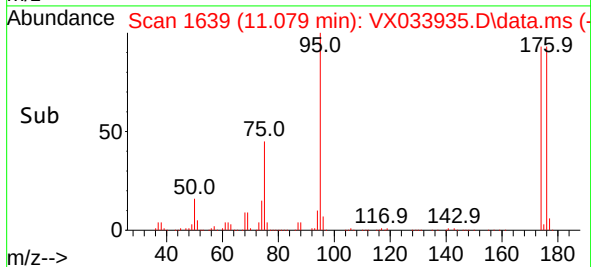
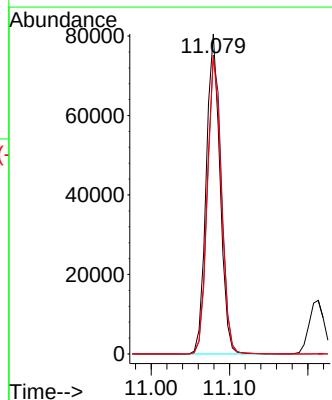
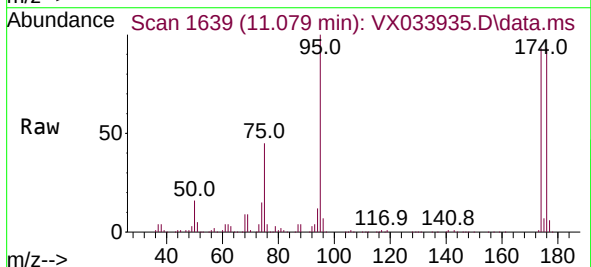
Reviewed By :John Carlone 01/30/2023

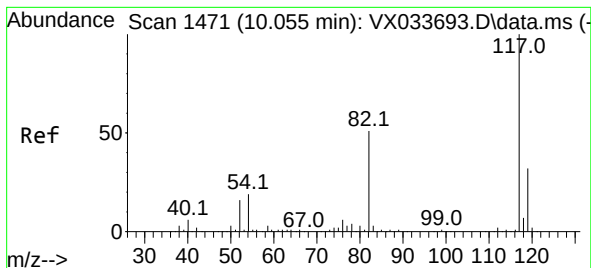
Supervised By :Semsettin Yesilyurt 01/30/2023



#62
4-Bromofluorobenzene
Concen: 48.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

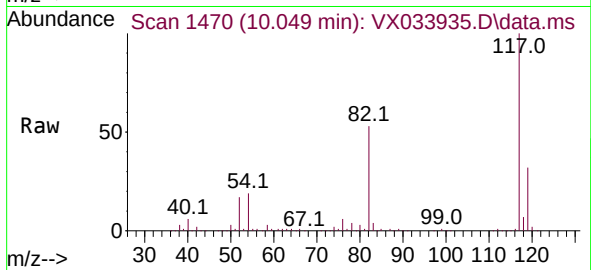
Tgt Ion: 95 Resp: 98332
Ion Ratio Lower Upper
95 100
174 96.7 0.0 184.4
176 93.3 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

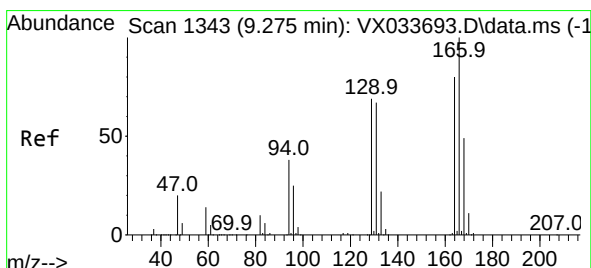
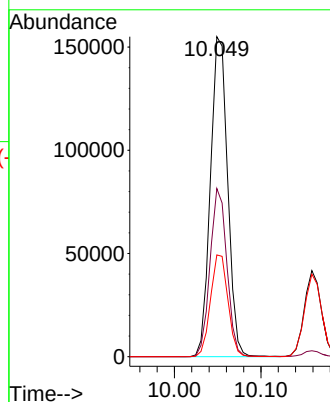
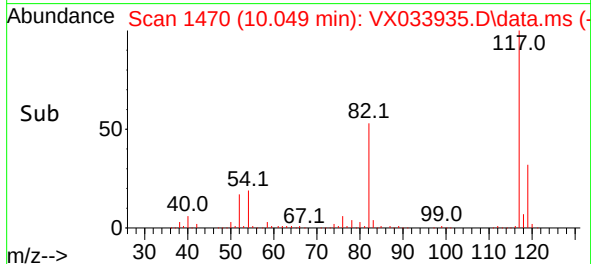
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 214149
Ion Ratio Lower Upper
117 100
82 52.5 40.6 60.8
119 31.8 25.6 38.4

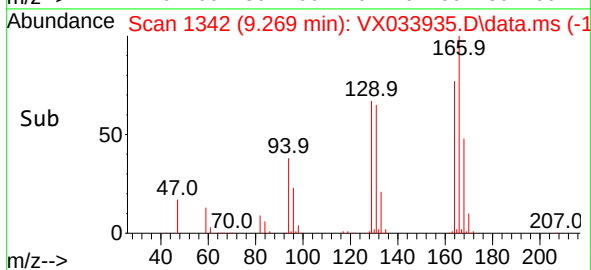
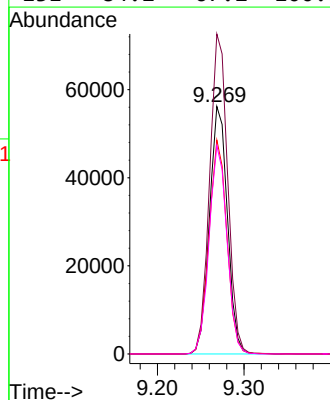
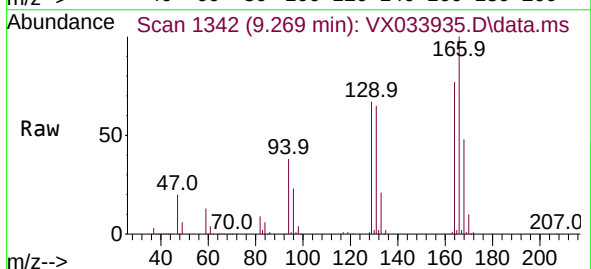
Manual Integrations
APPROVED

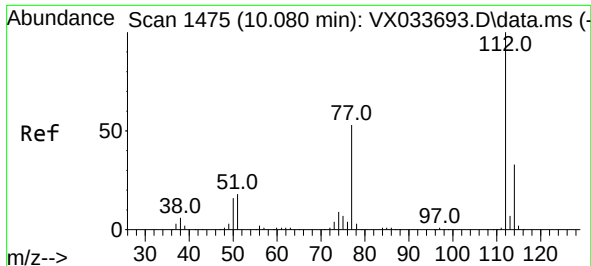
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#64
Tetrachloroethene
Concen: 53.885 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

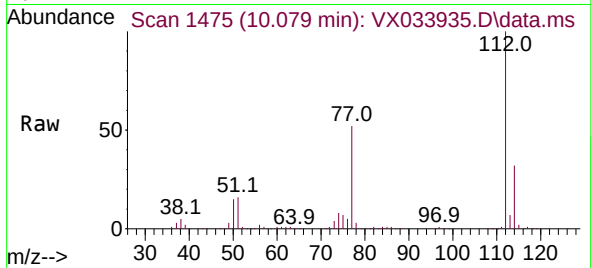
Tgt Ion:164 Resp: 81066
Ion Ratio Lower Upper
164 100
166 129.3 100.2 150.2
129 86.4 69.2 103.8
131 84.2 67.2 100.8





#65
Chlorobenzene
Concen: 50.799 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

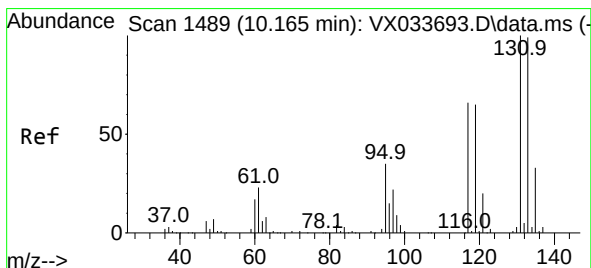
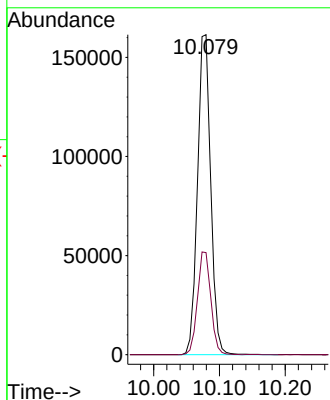
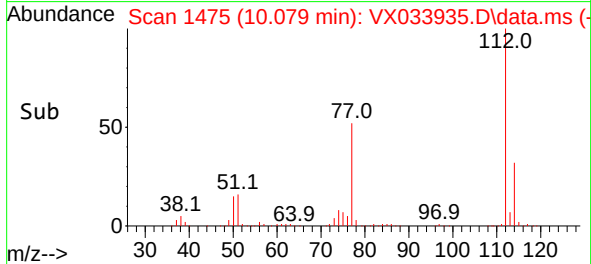
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 225200
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

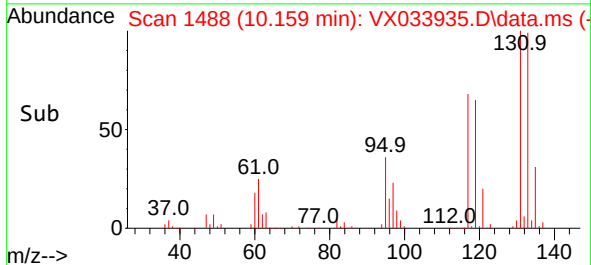
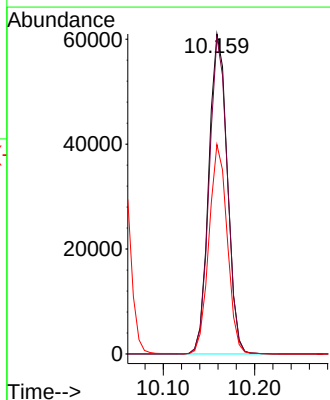
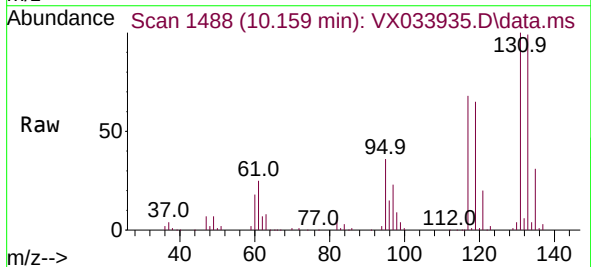
Manual Integrations
APPROVED

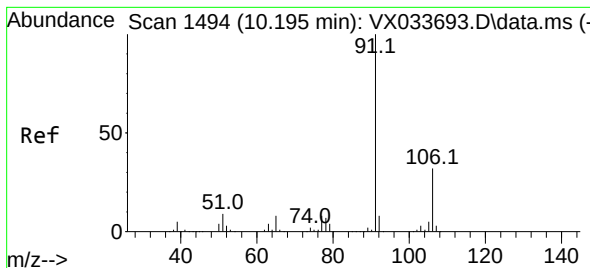
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.535 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

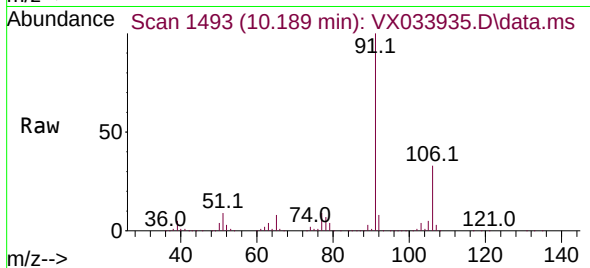
Tgt Ion:131 Resp: 85713
Ion Ratio Lower Upper
131 100
133 97.0 48.4 145.0
119 64.4 31.9 95.7





#67
Ethyl Benzene
Concen: 49.922 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

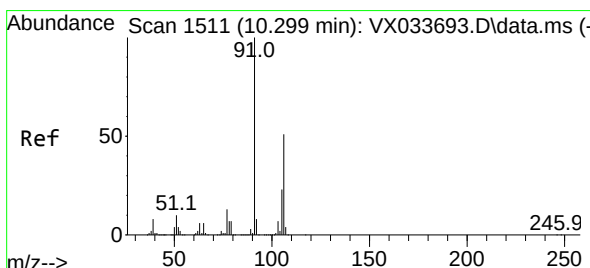
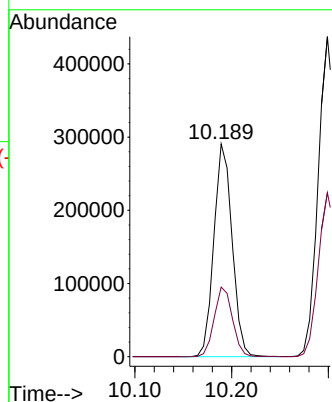
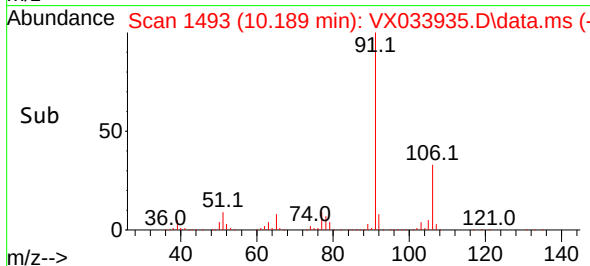
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 379992
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

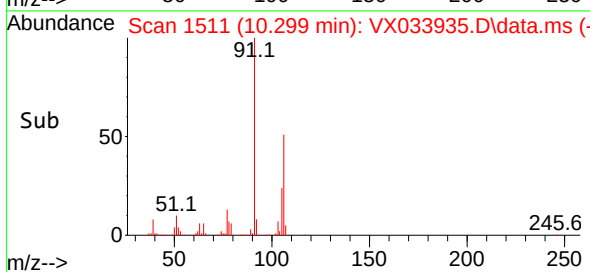
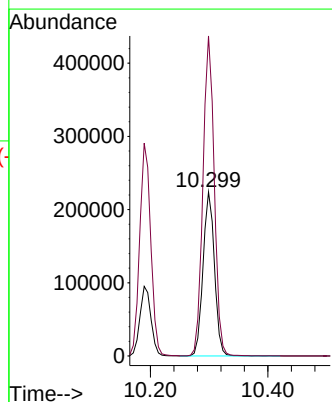
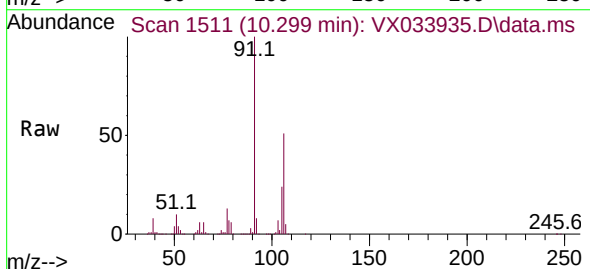
Manual Integrations
APPROVED

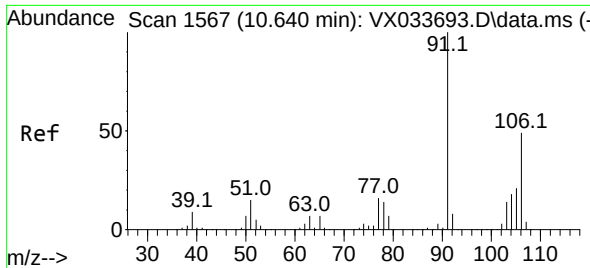
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#68
m/p-Xylenes
Concen: 101.756 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion:106 Resp: 302953
Ion Ratio Lower Upper
106 100
91 193.2 156.4 234.6





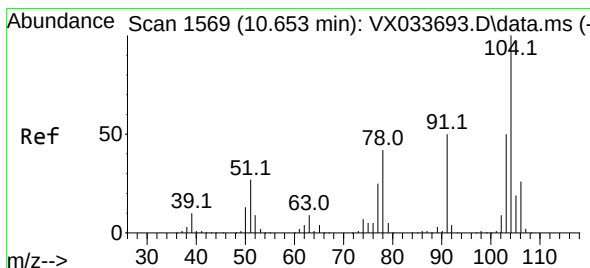
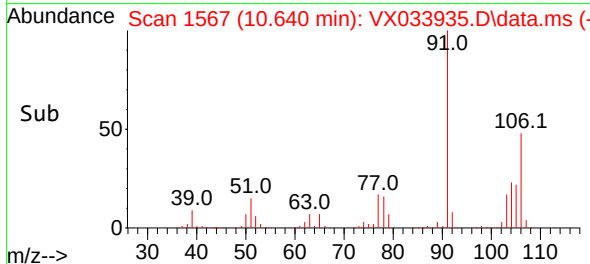
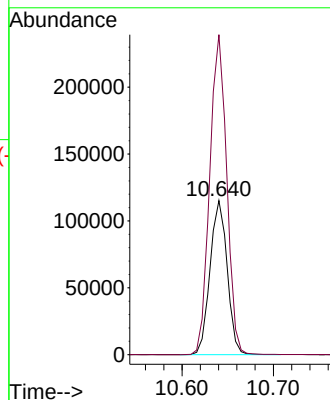
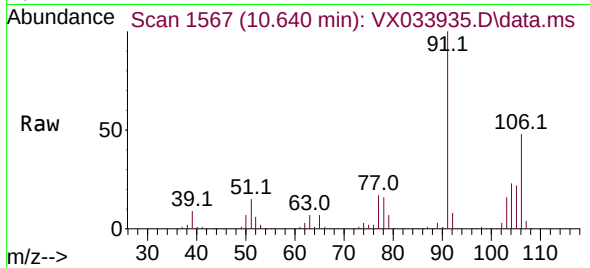
#69
o-Xylene
Concen: 50.746 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 149829
Ion Ratio Lower Upper
106 100
91 206.1 103.1 309.3

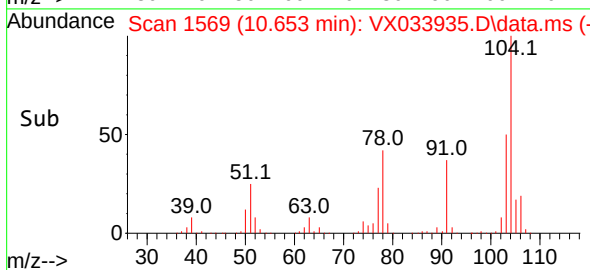
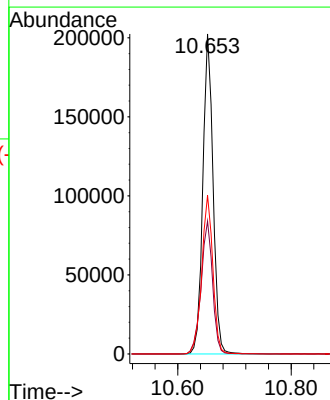
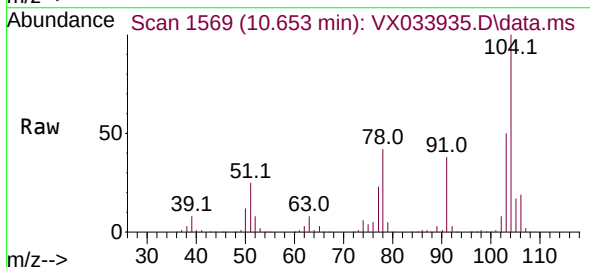
Manual Integrations
APPROVED

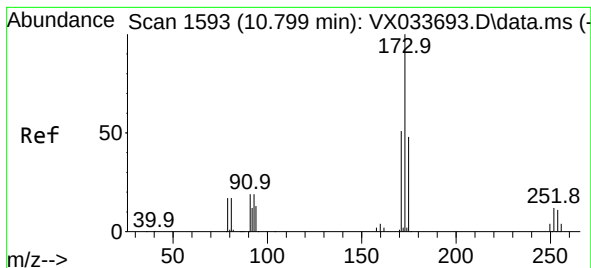
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#70
Styrene
Concen: 52.577 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

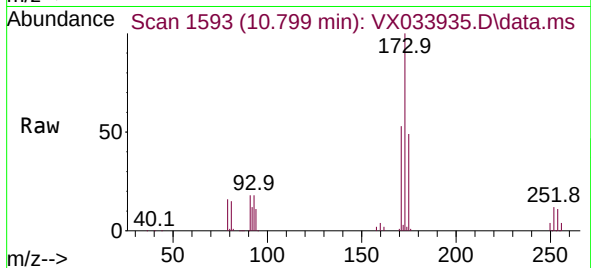
Tgt Ion:104 Resp: 252464
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 54.2 43.3 64.9





#71
Bromoform
Concen: 53.418 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

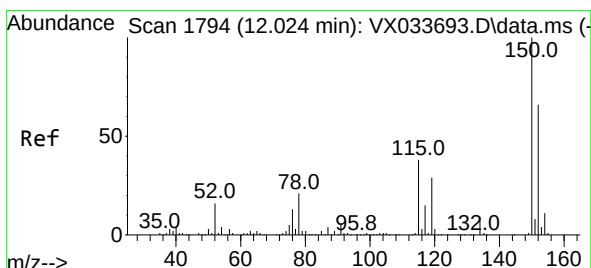
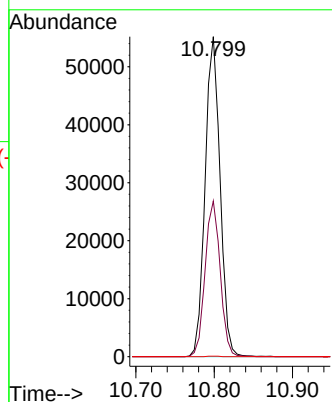
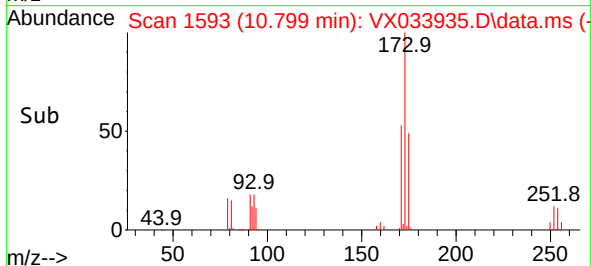
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



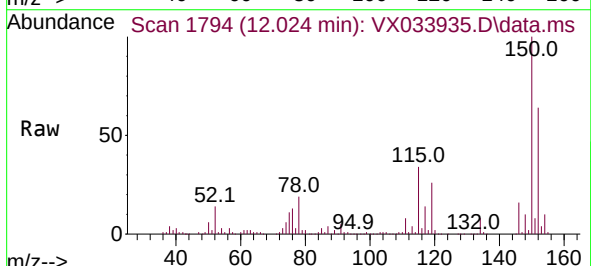
Tgt Ion:173 Resp: 7303
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
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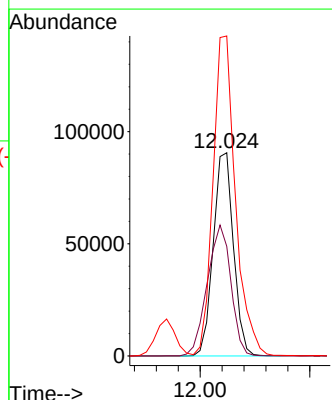
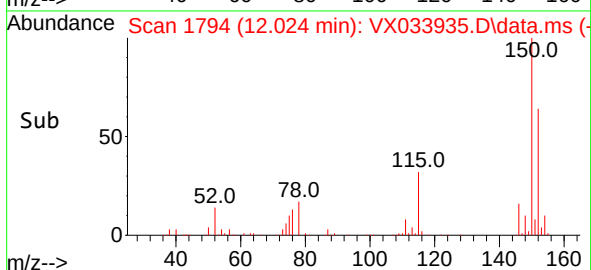
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

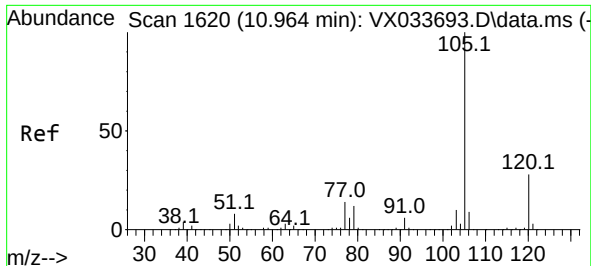


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02



Tgt Ion:152 Resp: 116116
Ion Ratio Lower Upper
152 100
115 75.3 38.7 116.1
150 174.5 0.0 348.2





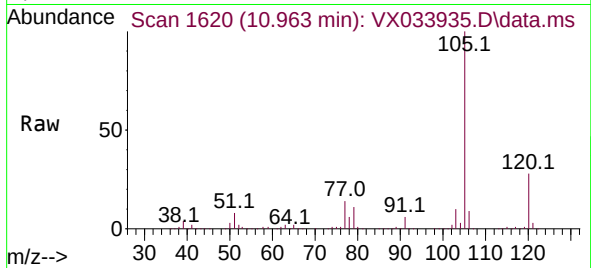
#73
Isopropylbenzene
Concen: 51.603 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



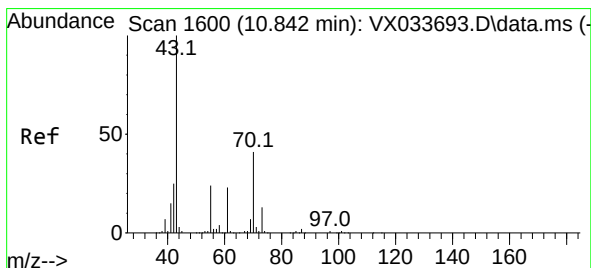
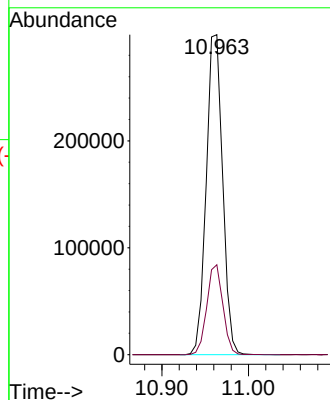
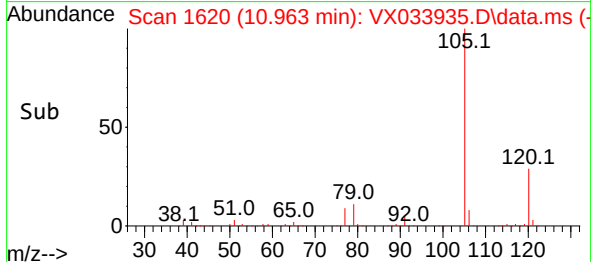
Tgt Ion:105 Resp: 393670
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.8

Manual Integrations

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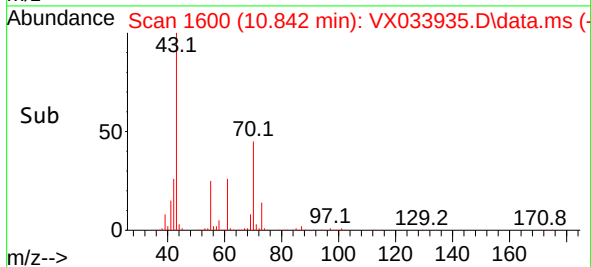
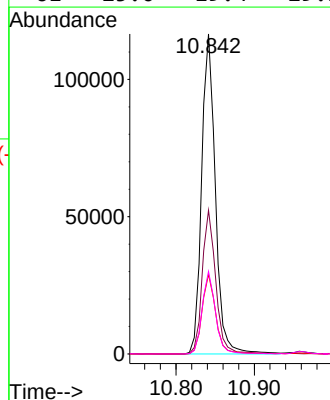
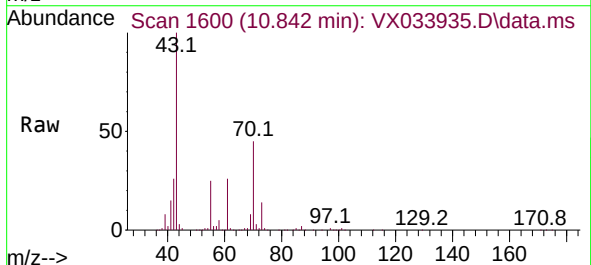
Reviewed By :John Carlone 01/30/2023

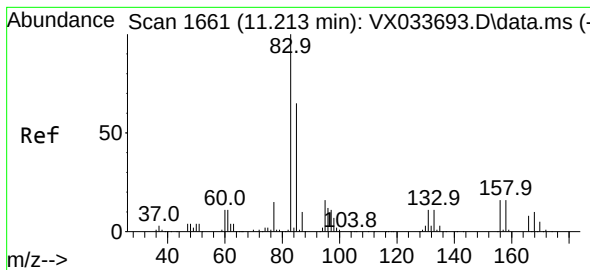
Supervised By :Semsettin Yesilyurt 01/30/2023



#74
N-ethyl acetate
Concen: 46.582 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 43 Resp: 142036
Ion Ratio Lower Upper
43 100
70 44.4 34.8 52.2
55 24.8 19.4 29.0
61 25.0 19.4 29.2





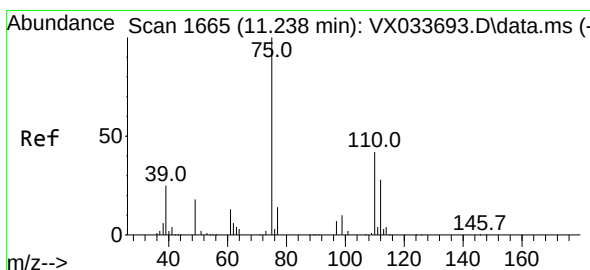
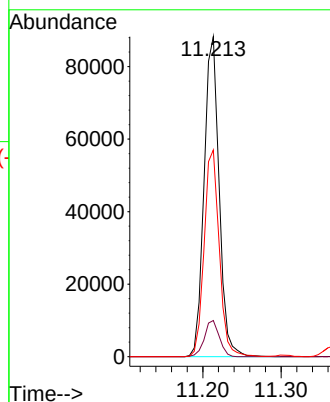
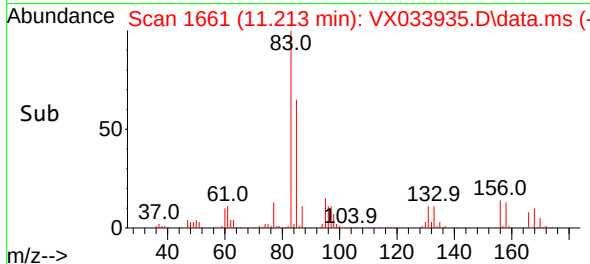
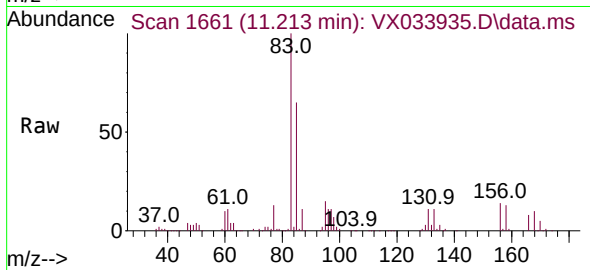
#75
1,1,2,2-Tetrachloroethane
Concen: 52.814 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 117562
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.7
85 64.9 32.3 96.9

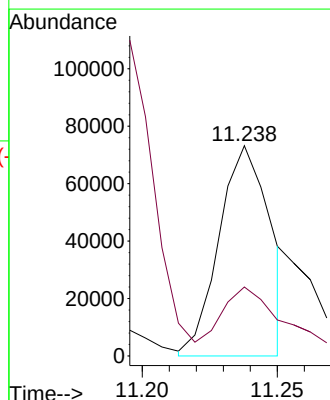
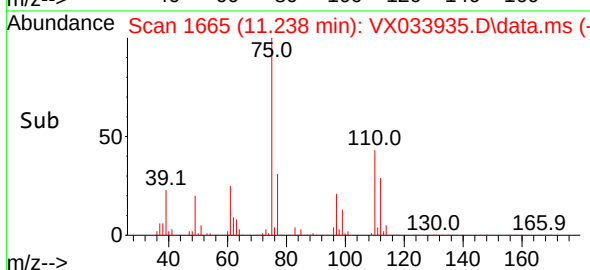
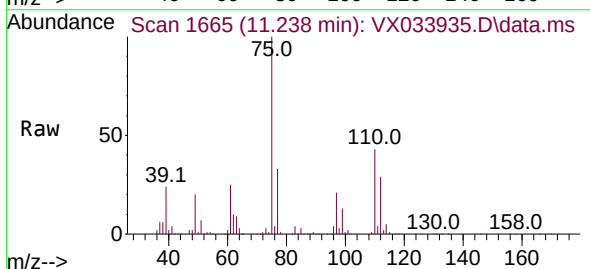
Manual Integrations
APPROVED

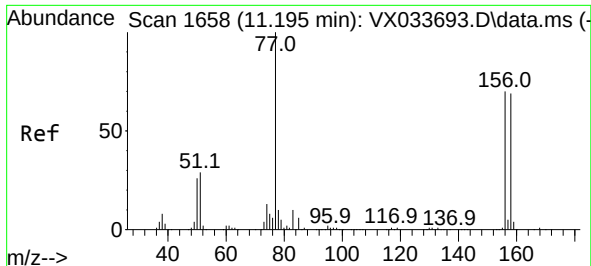
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#76
1,2,3-Trichloropropane
Concen: 45.086 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

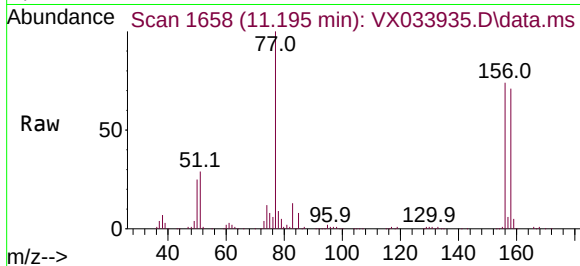
Tgt Ion: 75 Resp: 96190
Ion Ratio Lower Upper
75 100
77 41.5 21.8 65.4





#77
Bromobenzene
Concen: 52.334 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

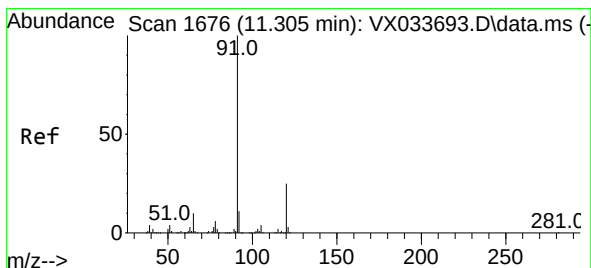
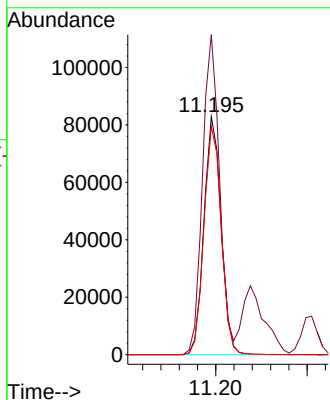
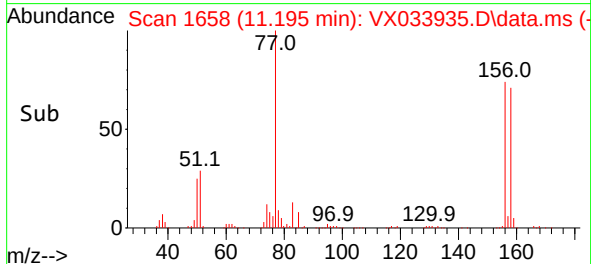
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



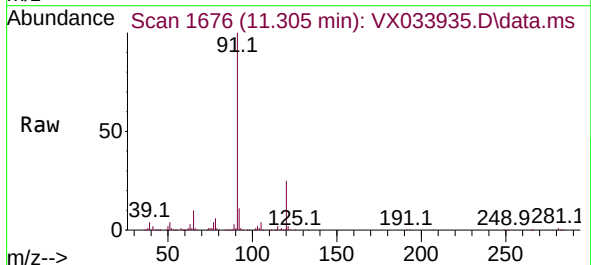
Tgt Ion:156 Resp: 107679
Ion Ratio Lower Upper
156 100
77 133.2 68.1 204.3
158 96.9 48.0 144.2

Manual Integrations
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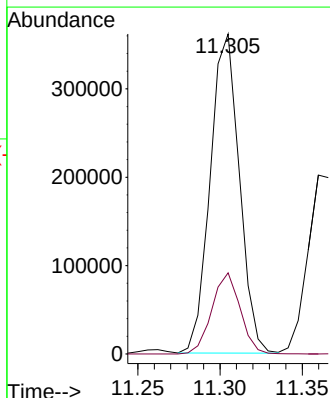
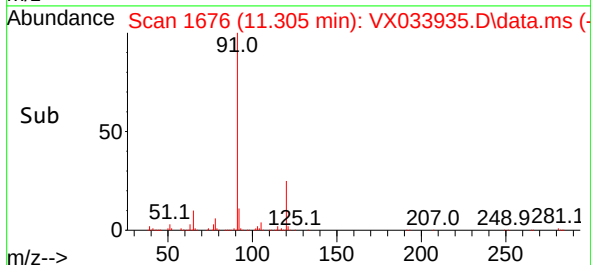
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

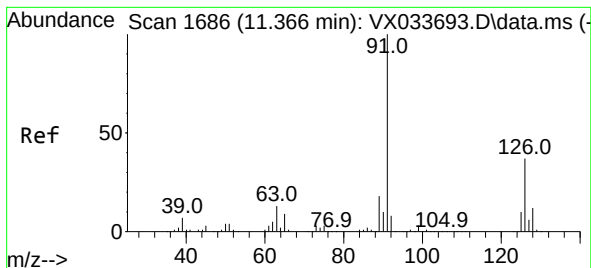


#78
n-propylbenzene
Concen: 46.984 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02



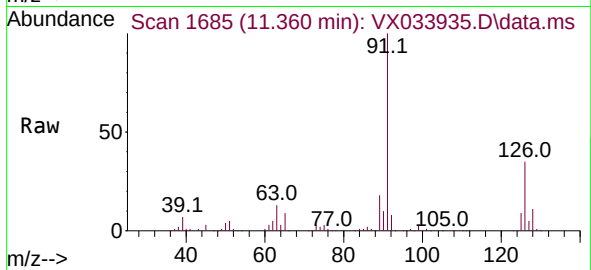
Tgt Ion: 91 Resp: 445180
Ion Ratio Lower Upper
91 100
120 24.7 12.3 36.8





#79
2-Chlorotoluene
Concen: 51.560 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

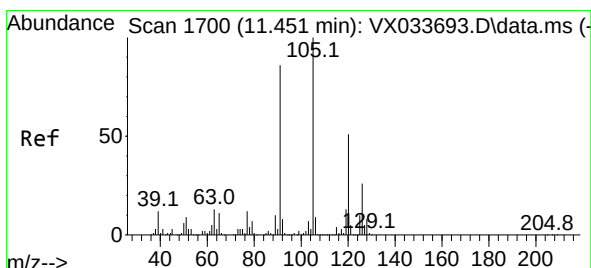
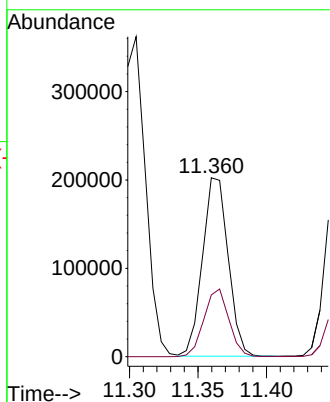
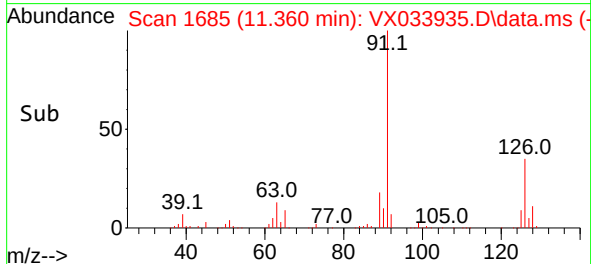
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 26344
Ion Ratio Lower Upper
91 100
126 36.9 18.1 54.1

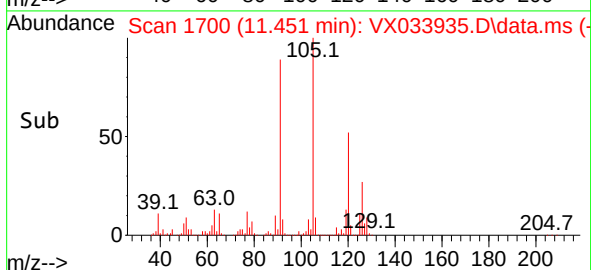
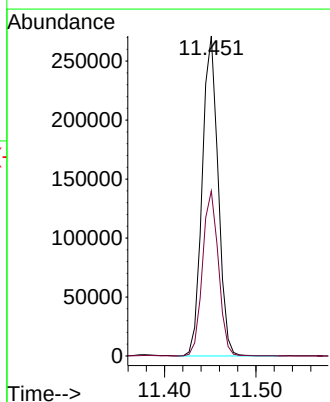
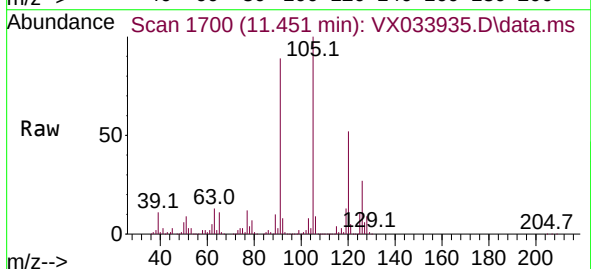
Manual Integrations
APPROVED

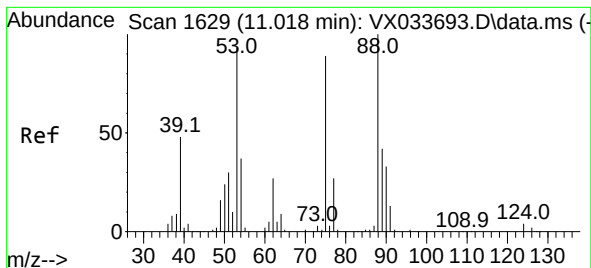
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.762 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

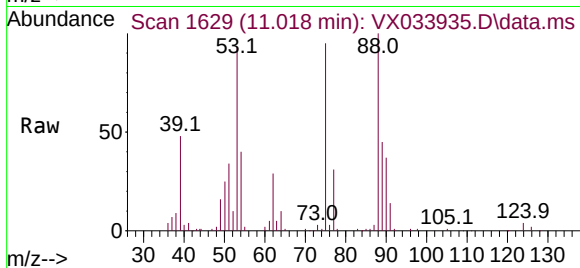
Tgt Ion:105 Resp: 326729
Ion Ratio Lower Upper
105 100
120 51.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.035 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

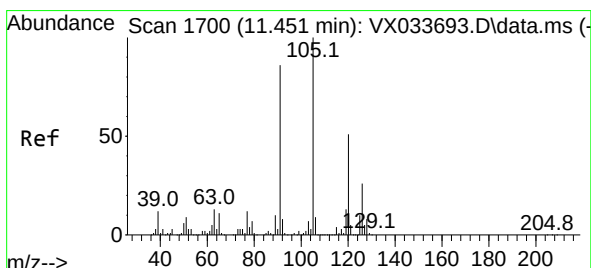
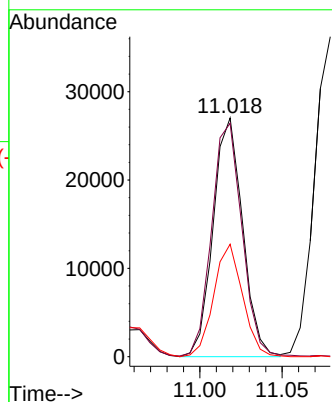
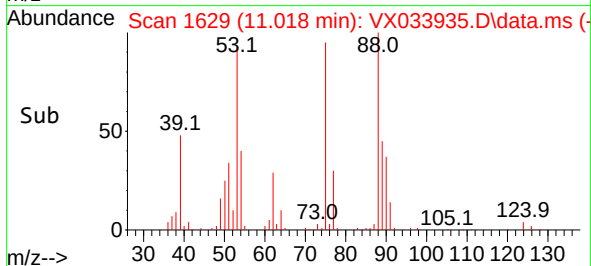
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 3366
Ion Ratio Lower Upper
75 100
53 99.9 83.0 124.6
89 46.1 37.7 56.5

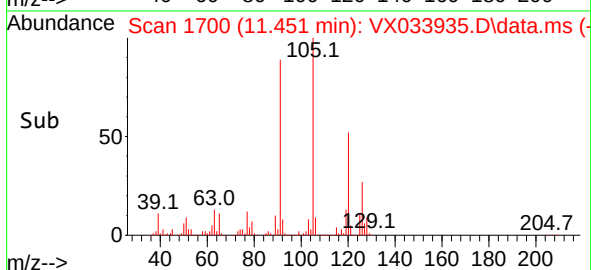
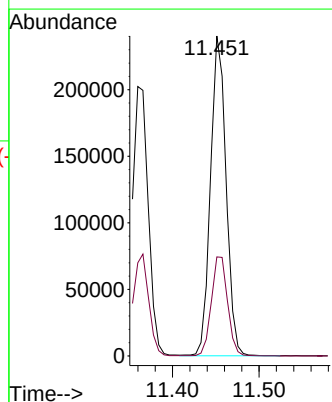
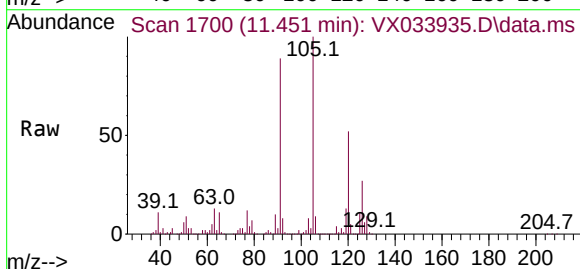
Manual Integrations
APPROVED

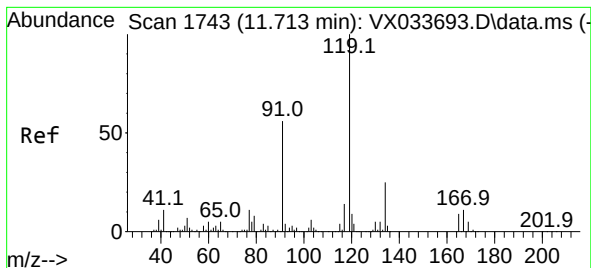
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#82
4-Chlorotoluene
Concen: 51.334 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

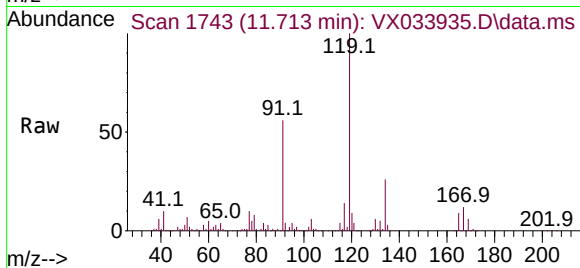
Tgt Ion: 91 Resp: 300273
Ion Ratio Lower Upper
91 100
126 32.3 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.228 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

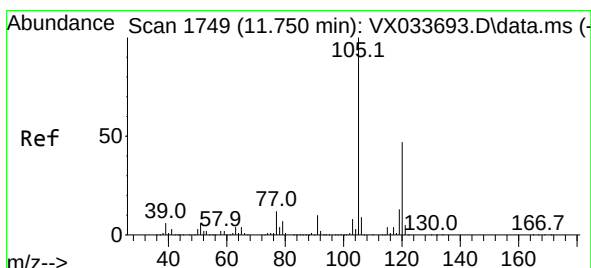
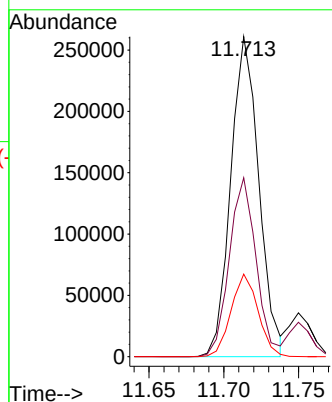
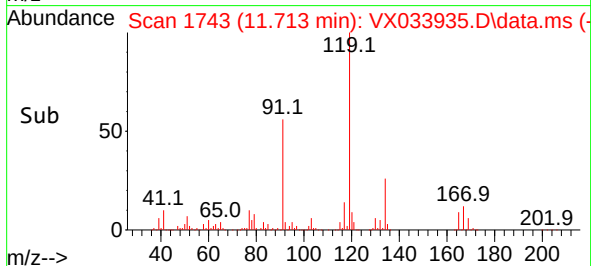
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



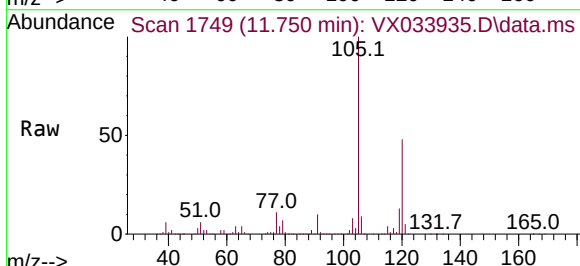
Tgt Ion:119 Resp: 34152
Ion Ratio Lower Upper
119 100
91 53.4 26.9 80.7
134 24.8 12.3 36.8

Manual Integrations
APPROVED

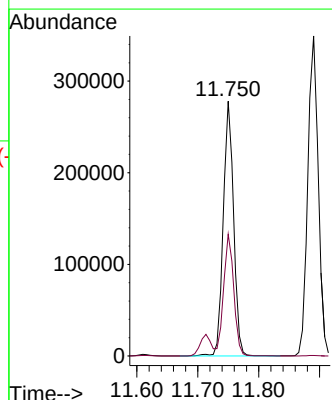
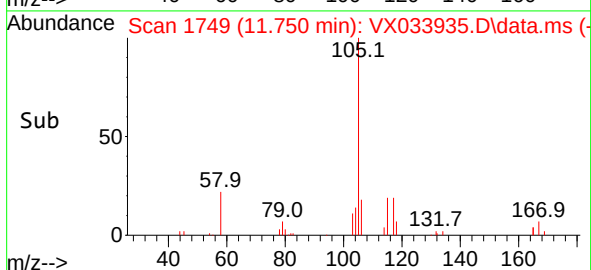
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

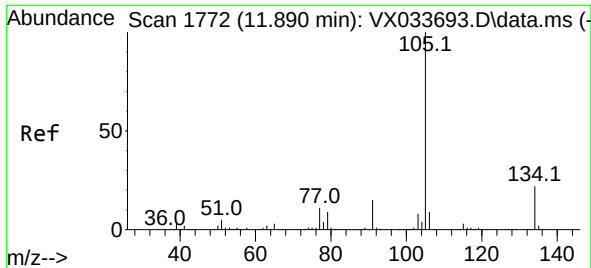


#84
1,2,4-Trimethylbenzene
Concen: 49.597 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02



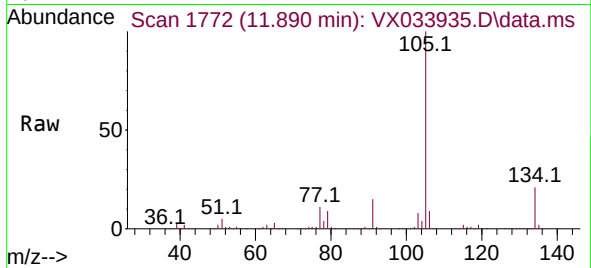
Tgt Ion:105 Resp: 327804
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 50.155 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033935.D
 Acq: 27 Jan 2023 17:02

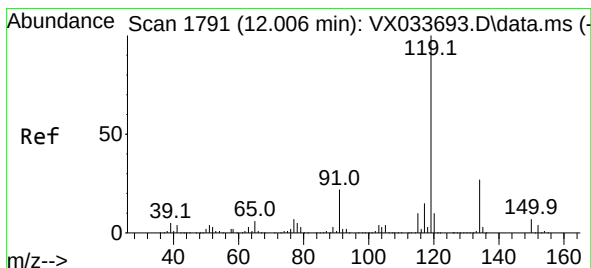
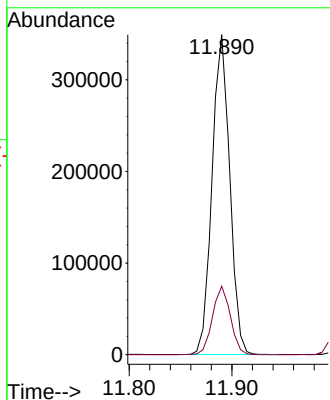
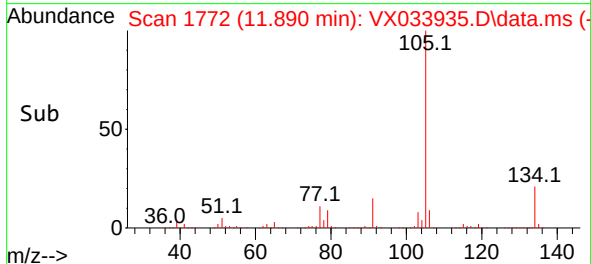
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 416170
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.3

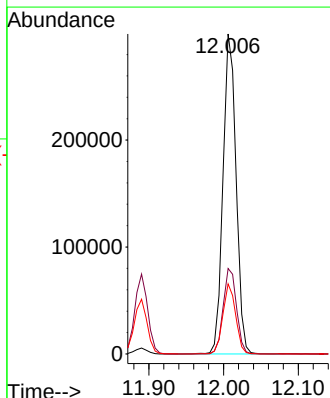
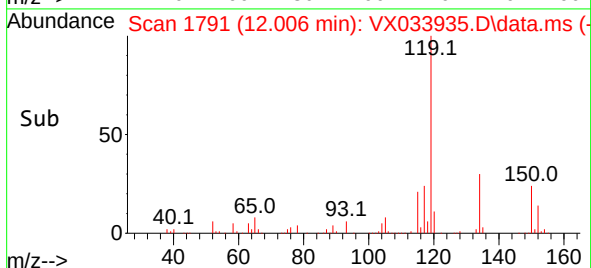
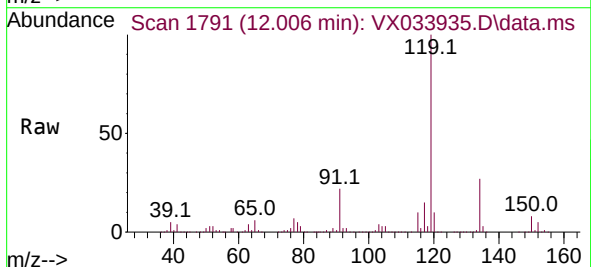
Manual Integrations
 APPROVED

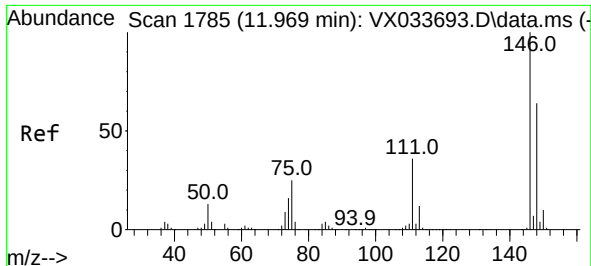
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023



#86
 p-Isopropyltoluene
 Concen: 51.181 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033935.D
 Acq: 27 Jan 2023 17:02

Tgt Ion:119 Resp: 363598
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.5 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 50.412 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033935.D

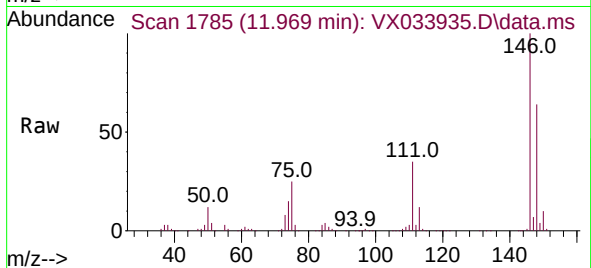
Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 197797

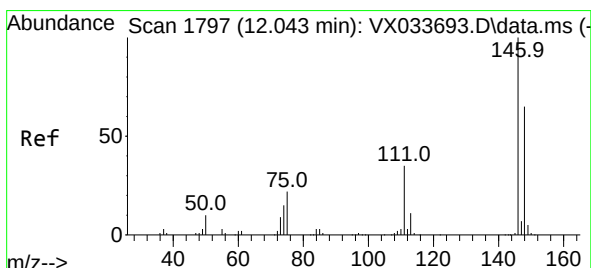
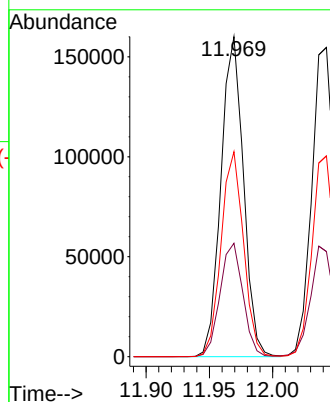
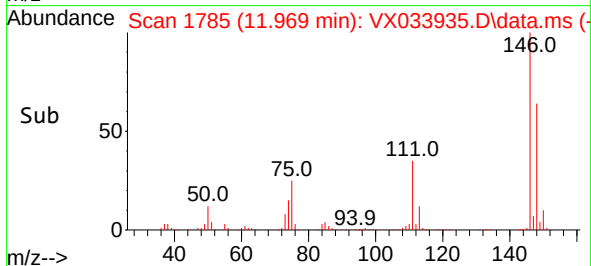
Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.6	55.6
148	63.9	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#88

1,4-Dichlorobenzene

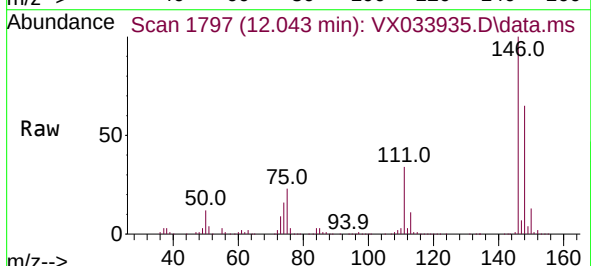
Concen: 49.489 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

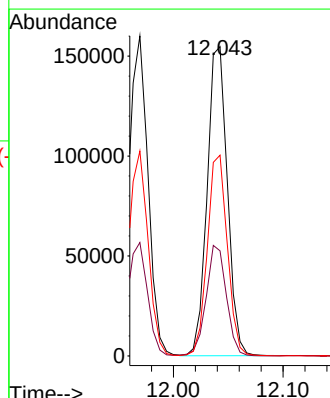
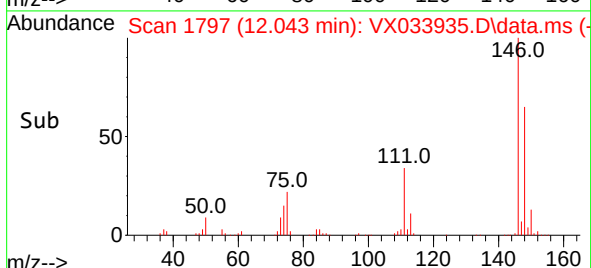
Lab File: VX033935.D

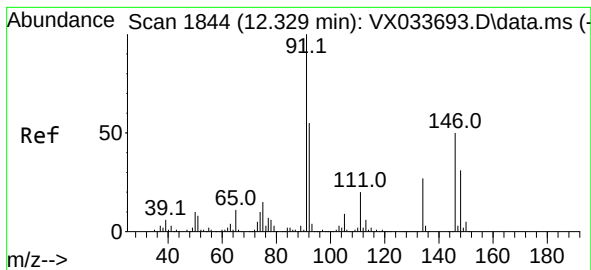
Acq: 27 Jan 2023 17:02



Tgt Ion:146 Resp: 197797

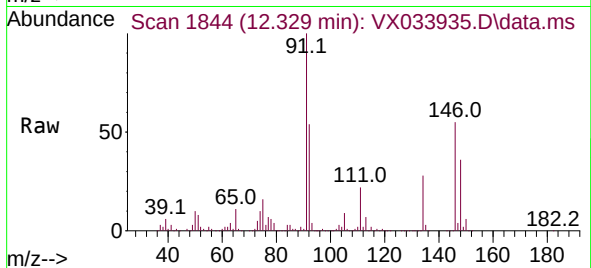
Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.8	53.4
148	64.5	32.1	96.3





#89
n-Butylbenzene
Concen: 50.644 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

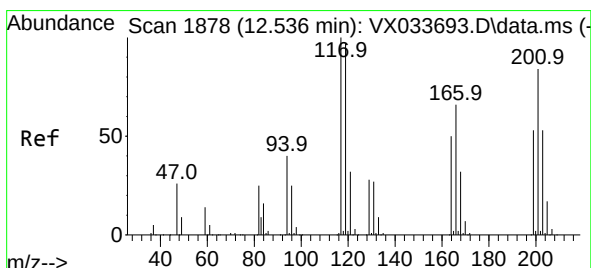
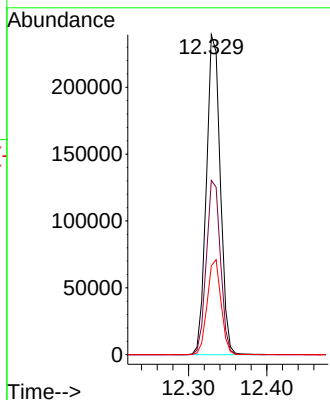
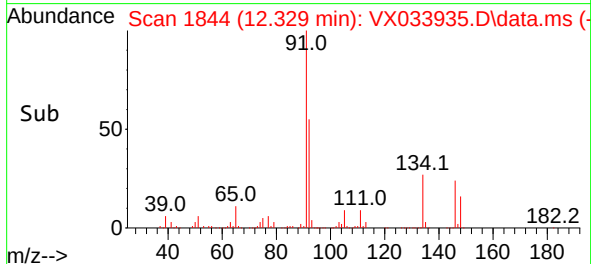
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 29434
Ion Ratio Lower Upper
91 100
92 55.2 27.5 82.5
134 29.6 14.3 42.9

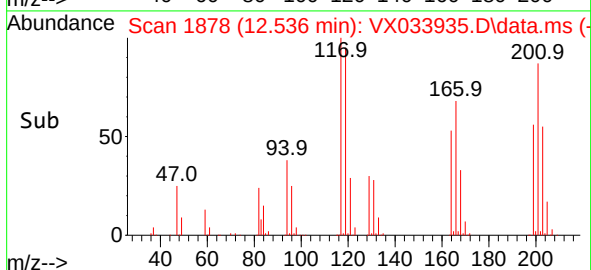
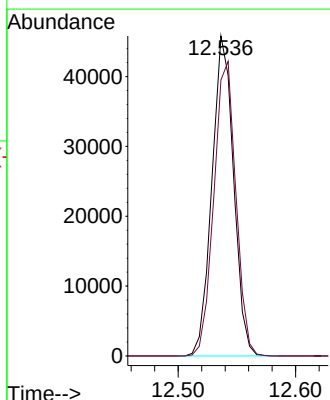
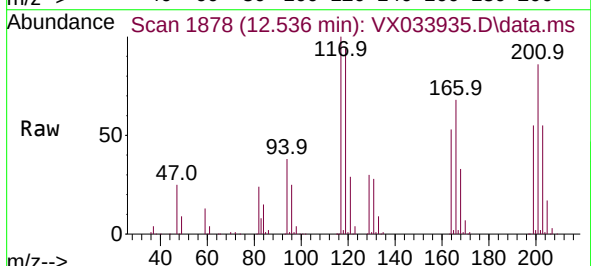
Manual Integrations
APPROVED

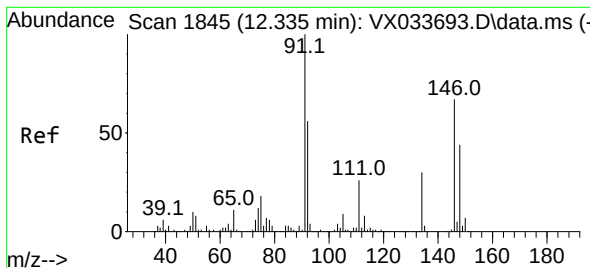
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#90
Hexachloroethane
Concen: 50.144 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

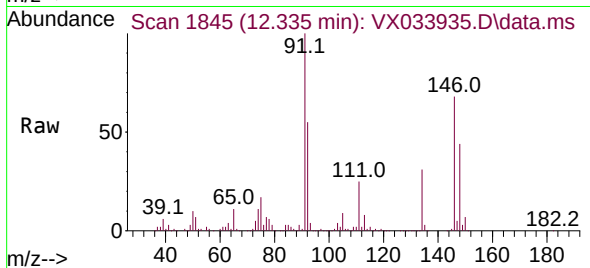
Tgt Ion:117 Resp: 58598
Ion Ratio Lower Upper
117 100
201 93.5 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 50.374 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

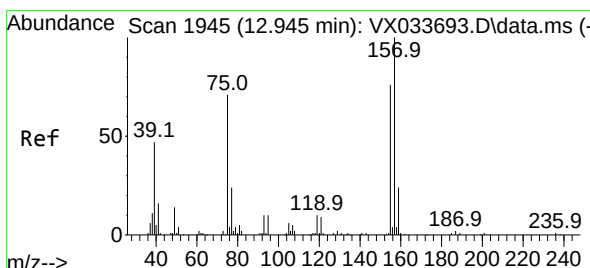
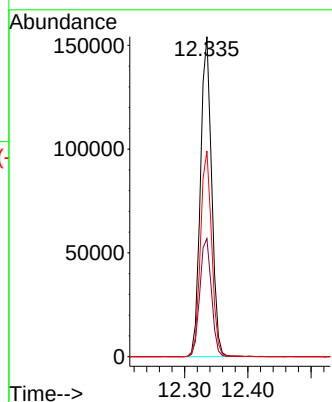
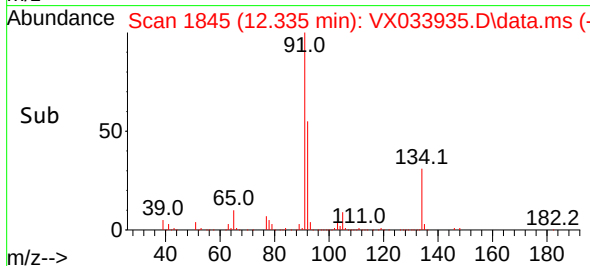
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 190719
Ion Ratio Lower Upper
146 100
111 38.1 19.3 57.8
148 64.2 32.3 96.9

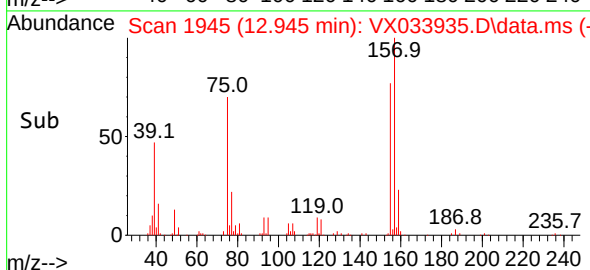
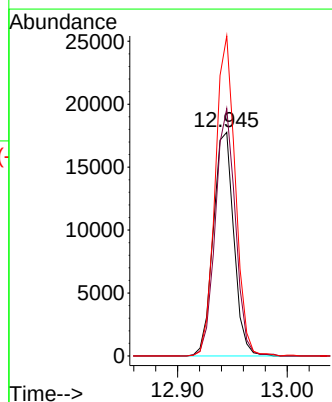
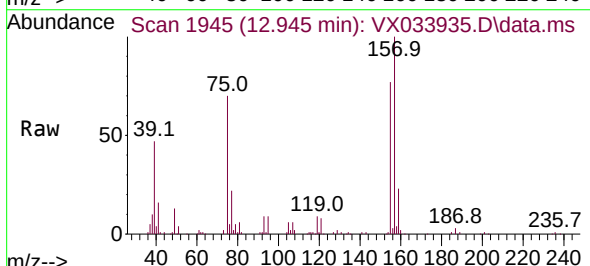
Manual Integrations
APPROVED

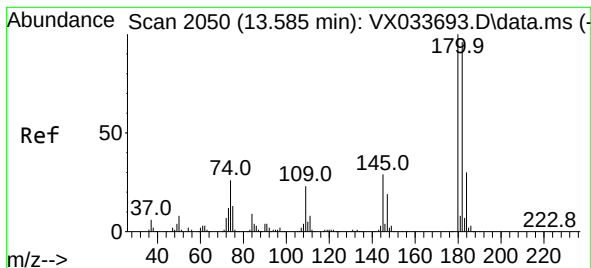
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.986 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion: 75 Resp: 23211
Ion Ratio Lower Upper
75 100
155 107.6 51.7 155.1
157 139.0 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 55.046 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 14038

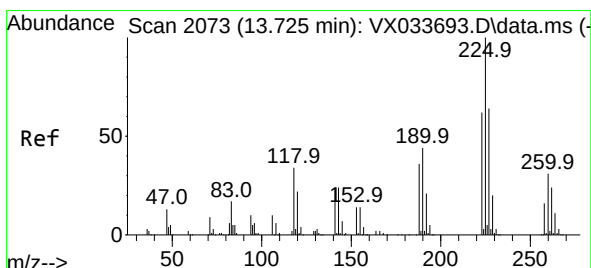
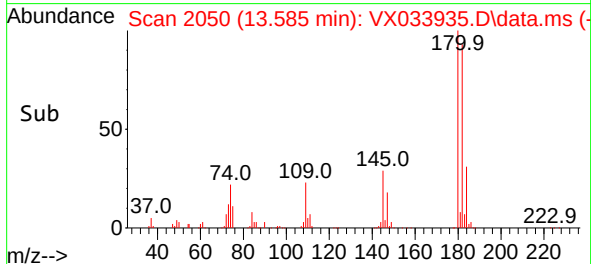
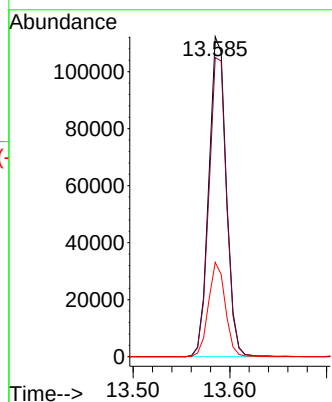
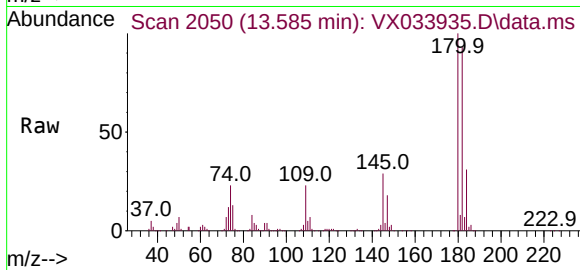
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.6
145	28.5	14.1	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#94

Hexachlorobutadiene

Concen: 51.013 ug/l

RT: 13.725 min Scan# 2073

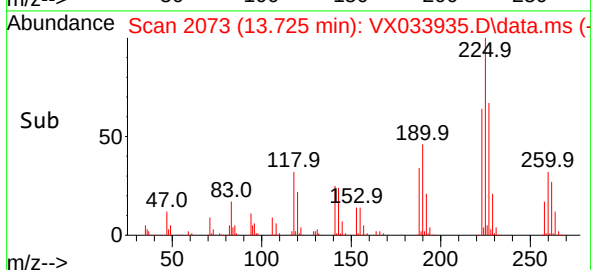
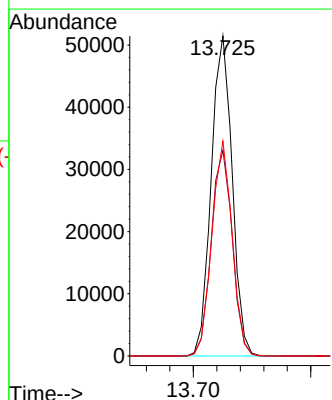
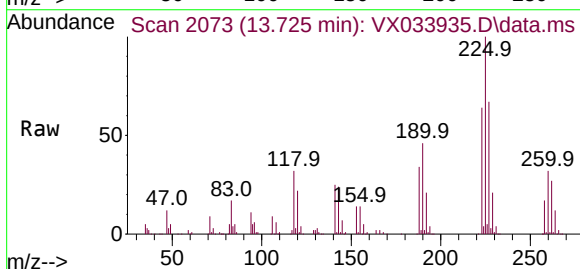
Delta R.T. -0.000 min

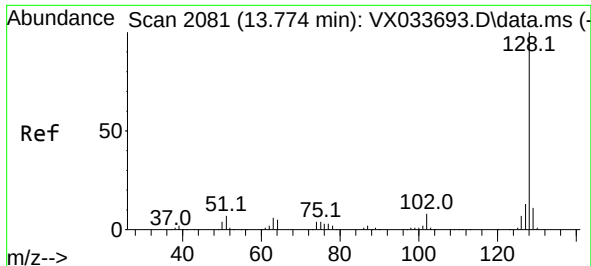
Lab File: VX033935.D

Acq: 27 Jan 2023 17:02

Tgt Ion:225 Resp: 63728

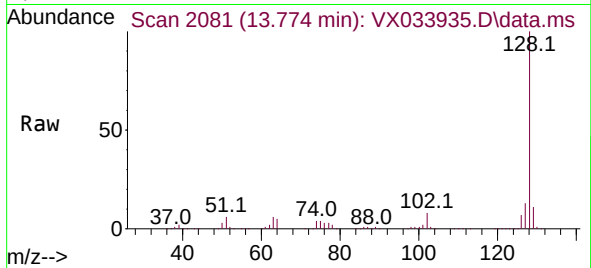
Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.3	93.9
227	65.2	32.3	96.9





#95
Naphthalene
Concen: 53.958 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

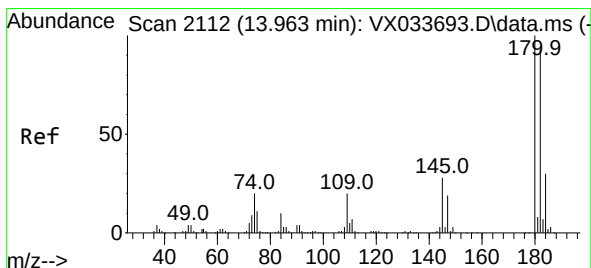
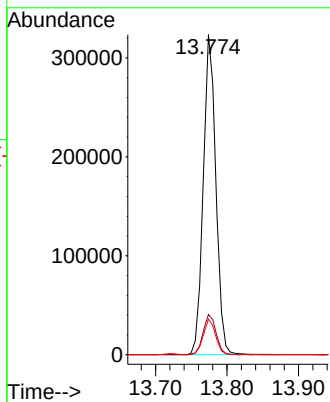
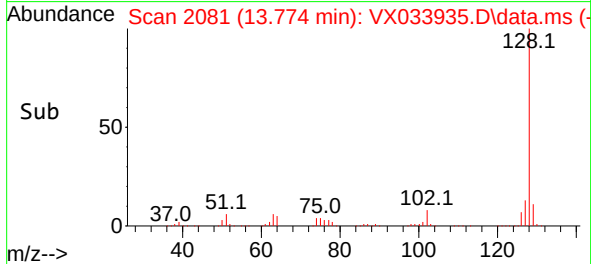
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 395894
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.415 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033935.D
Acq: 27 Jan 2023 17:02

Tgt Ion:180 Resp: 138858
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 29.1 15.1 45.3

