

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030623\
 Data File : VX034336.D
 Acq On : 06 Mar 2023 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 07 00:33:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2023
 Supervised By : Semsettin Yesilyurt 03/07/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	330070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	546709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	500457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249816	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	227117	51.092	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.180%	
35) Dibromofluoromethane	5.385	113	186036	52.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.520%	
50) Toluene-d8	8.647	98	672668	52.634	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	11.079	95	275632	56.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.760%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	128448	45.035	ug/l	99
3) Chloromethane	1.301	50	176161	42.920	ug/l	98
4) Vinyl Chloride	1.374	62	175610	46.981	ug/l	98
5) Bromomethane	1.599	94	89571	65.219	ug/l	98
6) Chloroethane	1.685	64	102569	54.582	ug/l	100
7) Trichlorofluoromethane	1.886	101	271321	53.652	ug/l	100
8) Diethyl Ether	2.130	74	100232	49.197	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	158895	44.616	ug/l	95
10) Methyl Iodide	2.453	142	193443	44.611	ug/l	95
11) Tert butyl alcohol	2.953	59	196330	197.467	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	153020	42.862	ug/l	94
13) Acrolein	2.233	56	123934	273.072	ug/l	98
14) Allyl chloride	2.660	41	311330	41.111	ug/l	91
15) Acrylonitrile	3.063	53	489947	225.890	ug/l	100
16) Acetone	2.374	43	499286	217.736	ug/l	95
17) Carbon Disulfide	2.508	76	417902	40.714	ug/l	100
18) Methyl Acetate	2.703	43	321961	45.376	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	572669	45.449	ug/l	99
20) Methylene Chloride	2.788	84	177321	42.917	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	170008	45.445	ug/l	100
22) Diisopropyl ether	3.757	45	640955	48.277	ug/l	94
23) Vinyl Acetate	3.715	43	2509862	235.956	ug/l	98
24) 1,1-Dichloroethane	3.605	63	326208	44.756	ug/l	100
25) 2-Butanone	4.550	43	738959	222.719	ug/l	98
26) 2,2-Dichloropropane	4.471	77	287152	43.491	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	200754	45.318	ug/l	93
28) Bromochloromethane	4.891	49	177365	54.551	ug/l	87
29) Tetrahydrofuran	4.995	42	460719	227.621	ug/l	98
30) Chloroform	5.087	83	332504	47.509	ug/l	98
31) Cyclohexane	5.465	56	300310	45.249	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	289879	46.204	ug/l	99
36) 1,1-Dichloropropene	5.690	75	243032	46.166	ug/l	98
37) Ethyl Acetate	4.709	43	280599	47.694	ug/l	98
38) Carbon Tetrachloride	5.672	117	251611	46.448	ug/l	96
39) Methylcyclohexane	7.379	83	308966	45.607	ug/l	99
40) Benzene	6.038	78	724482	46.440	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	156190	47.649	ug/l	99
42) 1,2-Dichloroethane	6.086	62	268015	48.847	ug/l	97
43) Isopropyl Acetate	6.336	43	487043	46.912	ug/l	99
44) Trichloroethene	7.123	130	188732	47.142	ug/l	92
45) 1,2-Dichloropropane	7.428	63	194854	46.919	ug/l	98
46) Dibromomethane	7.580	93	131049	47.947	ug/l	87
47) Bromodichloromethane	7.818	83	265840	47.395	ug/l	98
48) Methyl methacrylate	7.690	41	233574	47.400	ug/l	97
49) 1,4-Dioxane	7.653	88	86459	879.641	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	1413852	247.521	ug/l	99
52) Toluene	8.714	92	463191	49.000	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	316071	48.954	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	321531	46.518	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	191508	50.191	ug/l	99
56) Ethyl methacrylate	9.116	69	317636	49.210	ug/l	95
57) 1,3-Dichloropropane	9.305	76	329424	49.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	708029	253.220	ug/l	94
59) 2-Hexanone	9.427	43	1090550	250.518	ug/l	97
60) Dibromochloromethane	9.519	129	207763	49.280	ug/l	98
61) 1,2-Dibromoethane	9.610	107	200973	49.804	ug/l	99
64) Tetrachloroethene	9.269	164	156605	44.337	ug/l	93
65) Chlorobenzene	10.080	112	489842	46.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	191705	47.469	ug/l	98
67) Ethyl Benzene	10.195	91	897338	47.879	ug/l	98
68) m/p-Xylenes	10.299	106	682660	95.182	ug/l	94
69) o-Xylene	10.640	106	340046	47.624	ug/l	94
70) Styrene	10.653	104	563054	48.486	ug/l	95
71) Bromoform	10.799	173	156102	47.355	ug/l	100
73) Isopropylbenzene	10.964	105	885718	46.521	ug/l	99
74) N-amyl acetate	10.842	43	443770	46.395	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	294724	45.259	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	254516m	40.489	ug/l	
77) Bromobenzene	11.195	156	212762	46.437	ug/l	82
78) n-propylbenzene	11.305	91	1047946	47.327	ug/l	97
79) 2-Chlorotoluene	11.366	91	632743	46.602	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	747244	46.682	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	106852	43.667	ug/l	94
82) 4-Chlorotoluene	11.451	91	731503	47.302	ug/l	94
83) tert-Butylbenzene	11.713	119	742476	45.289	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	748447	46.243	ug/l	98
85) sec-Butylbenzene	11.890	105	925293	46.477	ug/l	98
86) p-Isopropyltoluene	12.006	119	782313	47.481	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	402973	46.897	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	399453	46.089	ug/l	96
89) n-Butylbenzene	12.329	91	695135	47.369	ug/l	98
90) Hexachloroethane	12.536	117	153097	44.441	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	394174	46.885	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67674	43.580	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	249140	46.158	ug/l	98
94) Hexachlorobutadiene	13.725	225	99950	44.669	ug/l	98
95) Naphthalene	13.774	128	824321	45.335	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	242220	45.202	ug/l	97

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VSTDCCC050

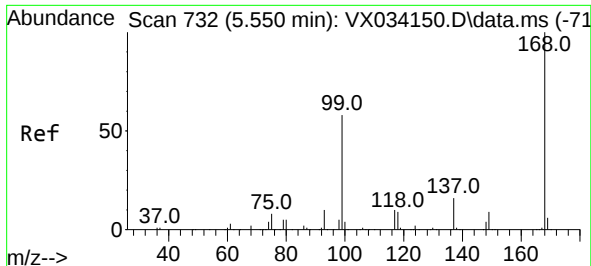
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 03/07/2023

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

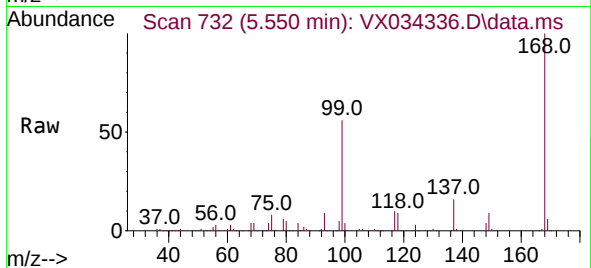
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034336.D
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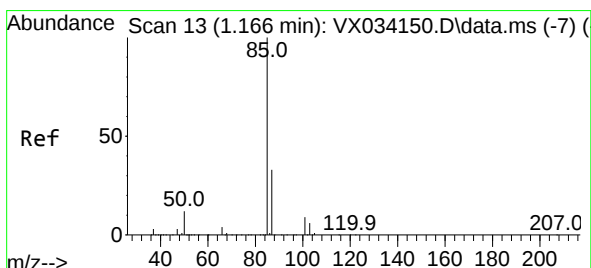
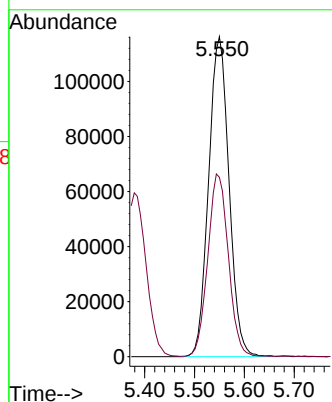
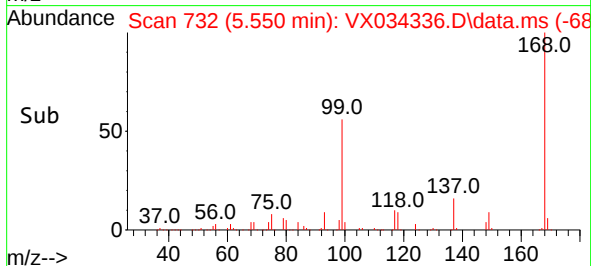
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ClientSampleId :
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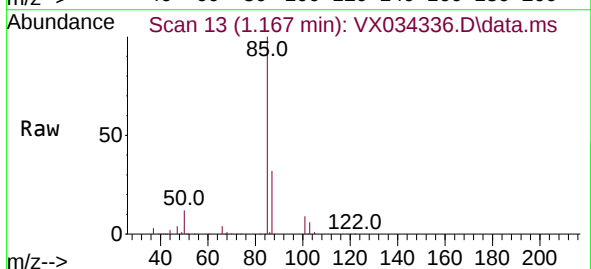
Tgt Ion:168 Resp: 330070
Ion Ratio Lower Upper
168 100
99 55.9 39.6 59.4

Manual Integrations
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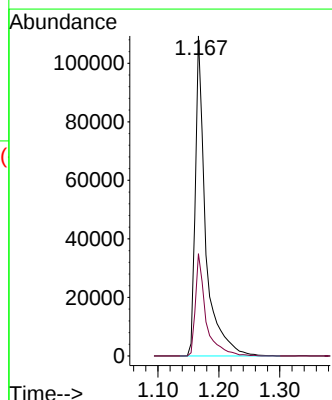
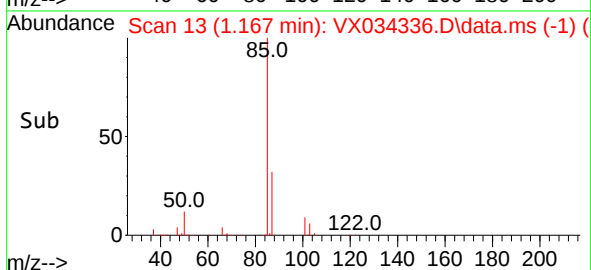
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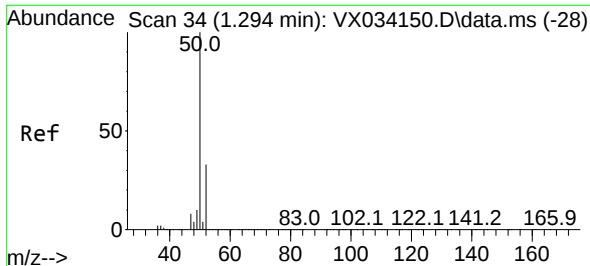


#2
Dichlorodifluoromethane
Concen: 45.035 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



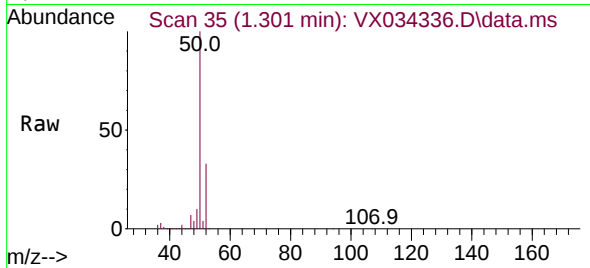
Tgt Ion: 85 Resp: 128448
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 42.920 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

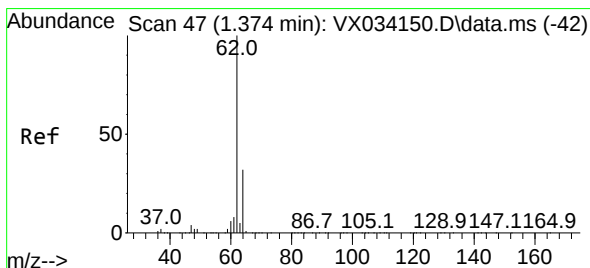
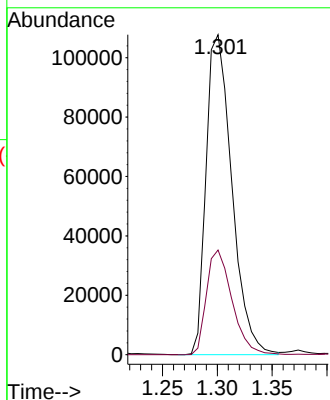
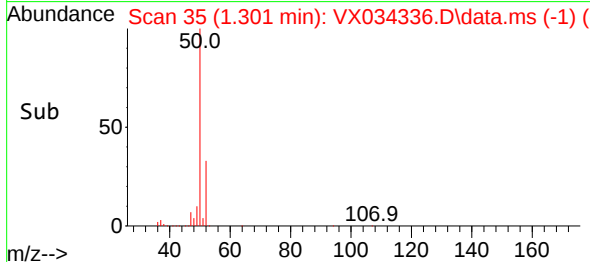
Instrument :
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ClientSampleId :
VSTDCCC050



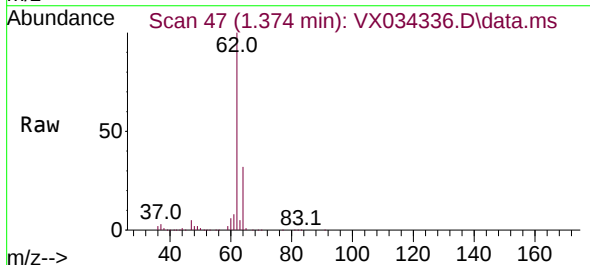
Tgt Ion: 50 Resp: 17616
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8

Manual Integrations
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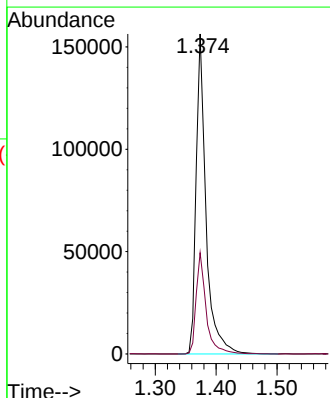
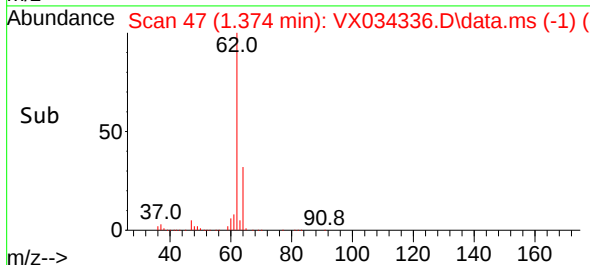
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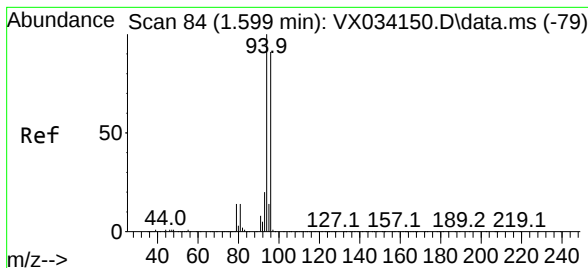


#4
Vinyl Chloride
Concen: 46.981 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



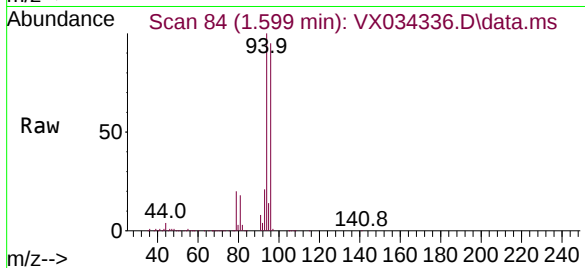
Tgt Ion: 62 Resp: 175610
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





#5
Bromomethane
Concen: 65.219 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

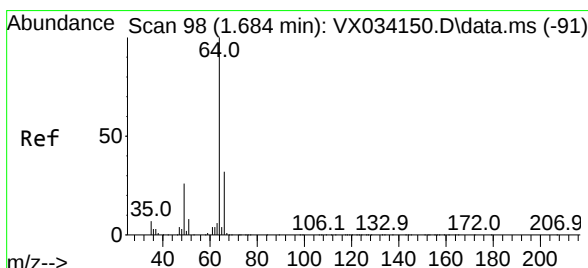
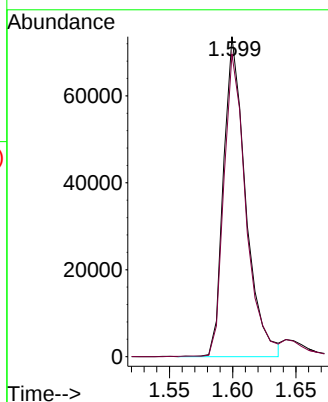
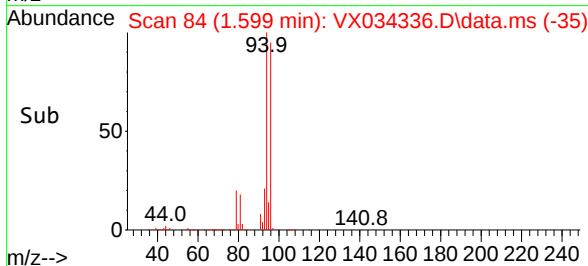
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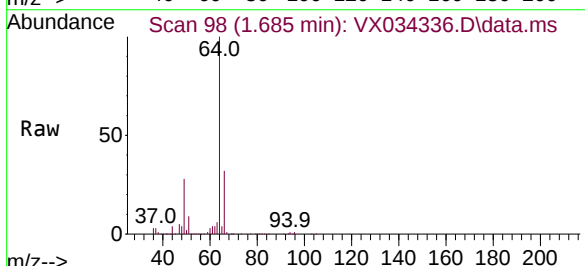
Tgt Ion: 94 Resp: 8957
Ion Ratio Lower Upper
94 100
96 94.4 74.3 111.5

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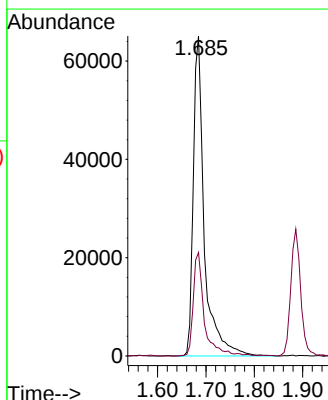
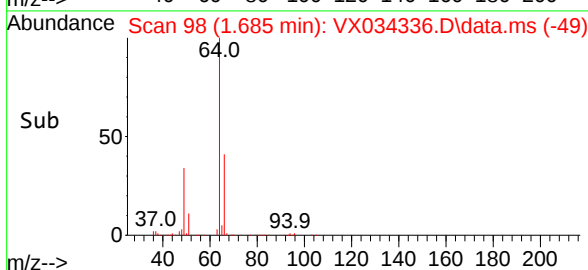
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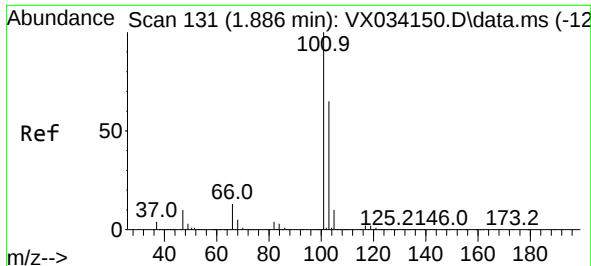


#6
Chloroethane
Concen: 54.582 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034336.D
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Tgt Ion: 64 Resp: 102569
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1





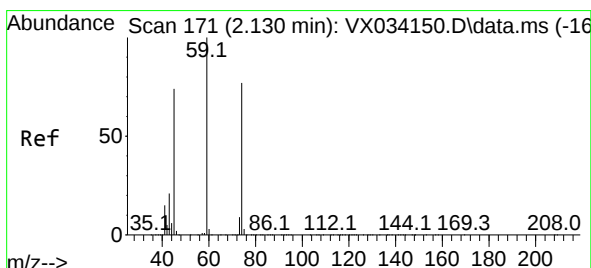
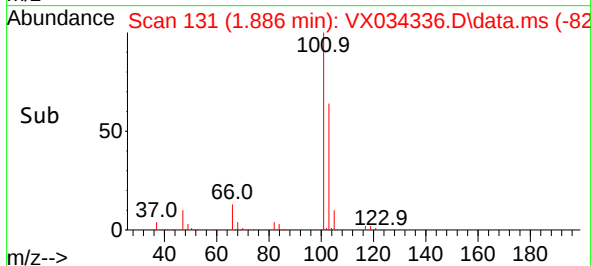
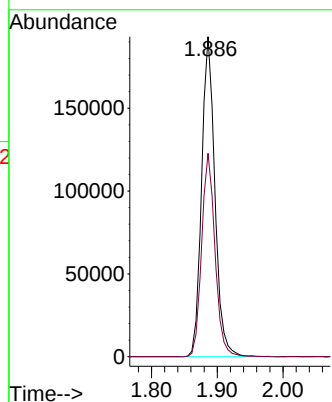
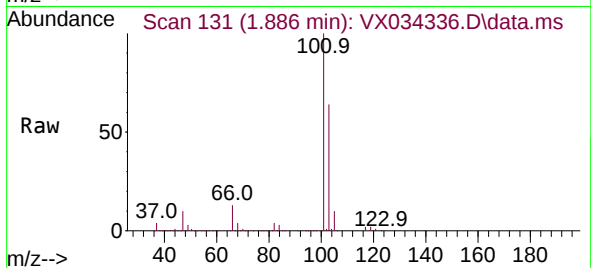
#7
 Trichlorofluoromethane
 Concen: 53.652 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034336.D
 Acq: 06 Mar 2023 09:45

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 27132
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.6 75.8

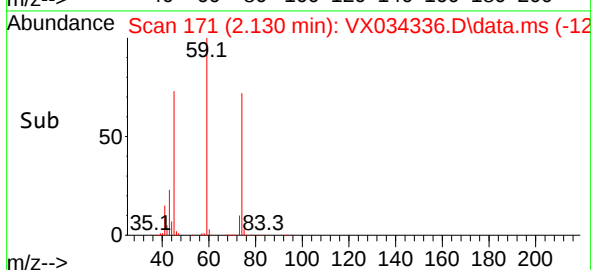
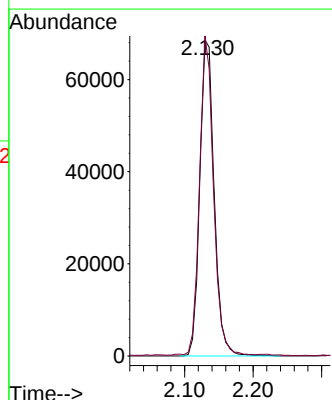
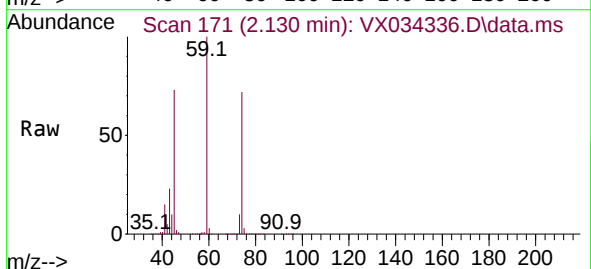
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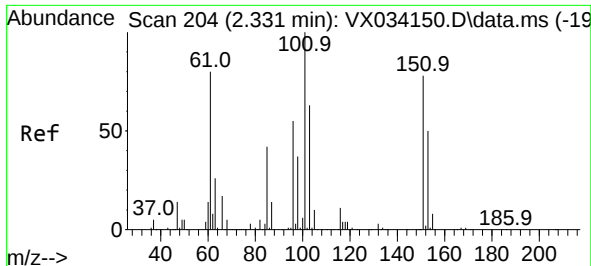
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023



#8
 Diethyl Ether
 Concen: 49.197 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX034336.D
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Tgt Ion: 74 Resp: 100232
 Ion Ratio Lower Upper
 74 100
 45 98.1 51.5 154.5





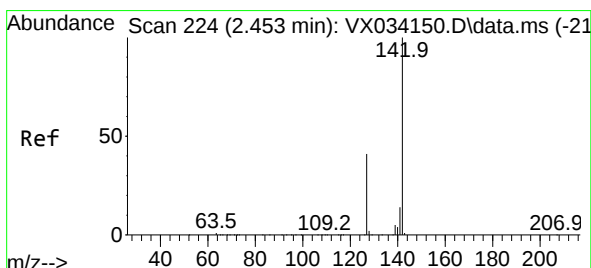
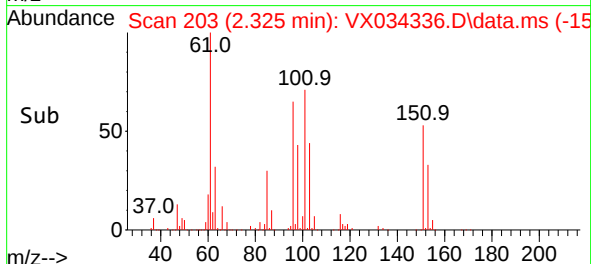
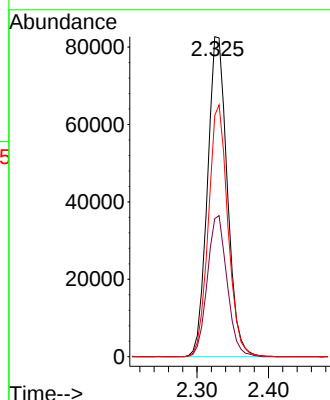
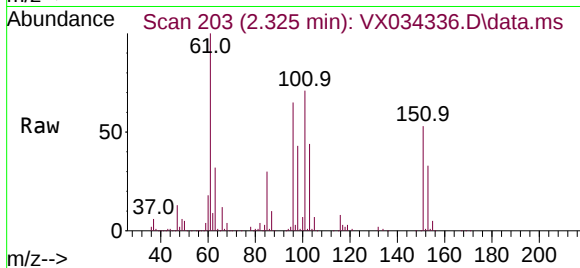
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.616 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15889
Ion Ratio Lower Upper
101 100
85 44.0 36.7 55.1
151 77.6 66.5 99.7

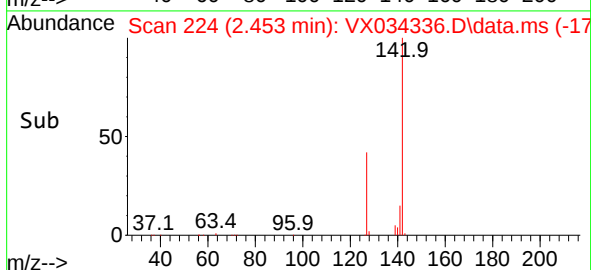
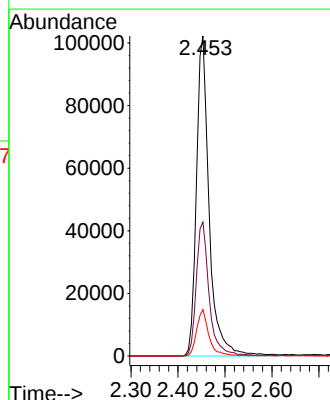
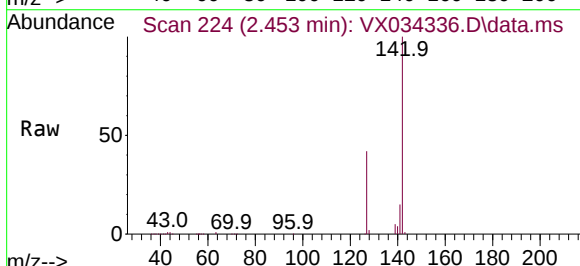
Manual Integrations
APPROVED

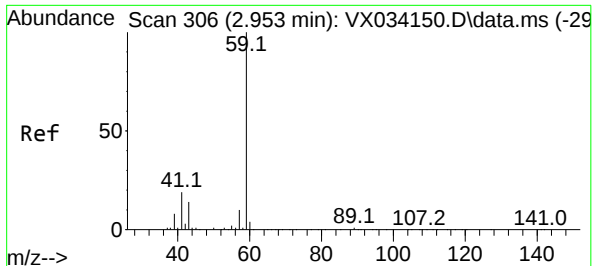
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#10
Methyl Iodide
Concen: 44.611 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Tgt Ion:142 Resp: 193443
Ion Ratio Lower Upper
142 100
127 42.4 37.3 55.9
141 14.0 11.5 17.3





#11

Tert butyl alcohol

Concen: 197.467 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 196330

Ion Ratio Lower Upper

59 100

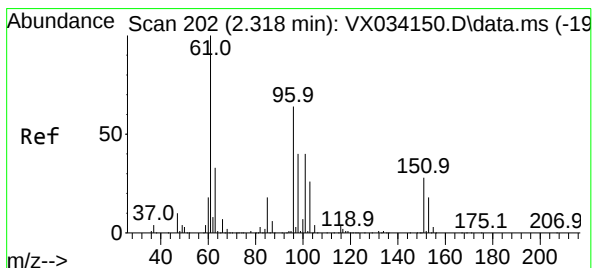
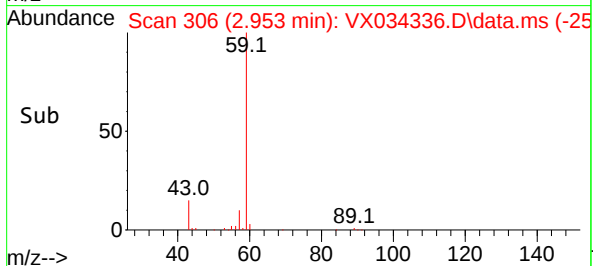
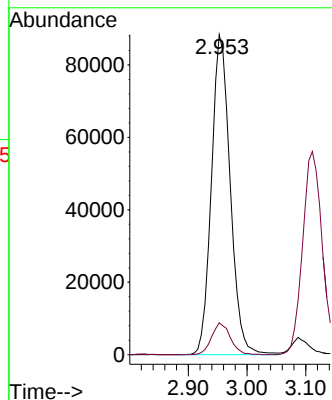
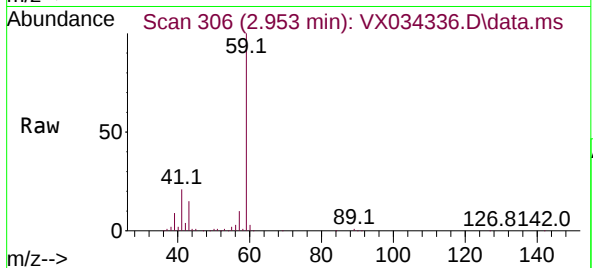
57 9.9 3.7 5.5

Manual Integrations

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Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#12

1,1-Dichloroethene

Concen: 42.862 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

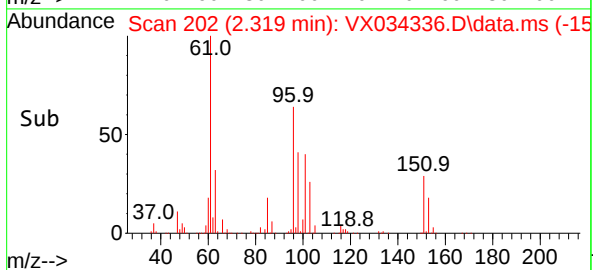
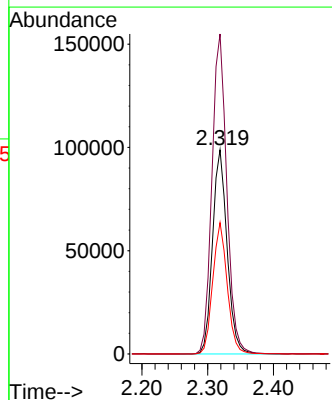
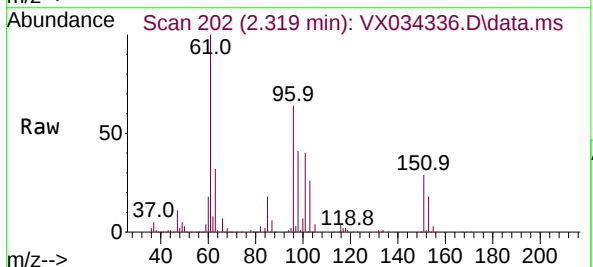
Tgt Ion: 96 Resp: 153020

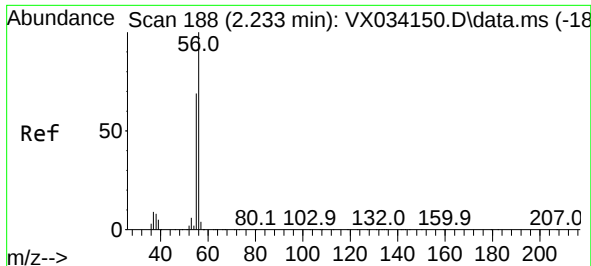
Ion Ratio Lower Upper

96 100

61 156.8 134.2 201.4

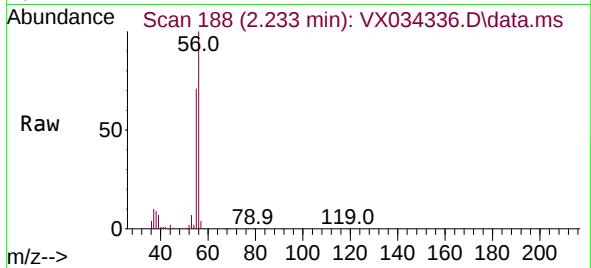
98 64.4 50.2 75.2





#13
Acrolein
Concen: 273.072 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

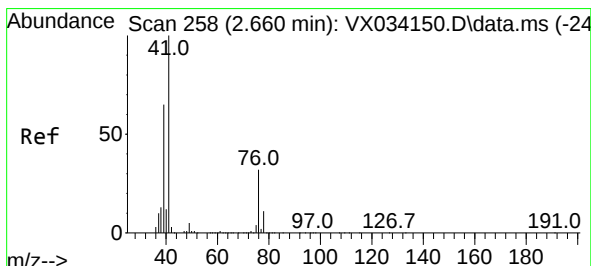
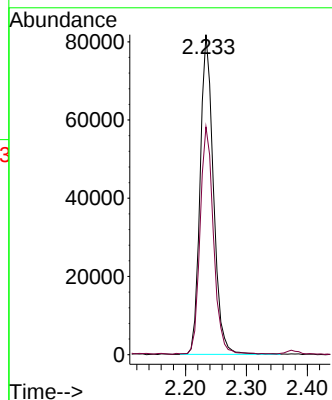
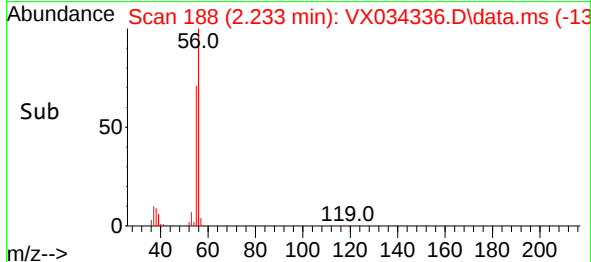
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



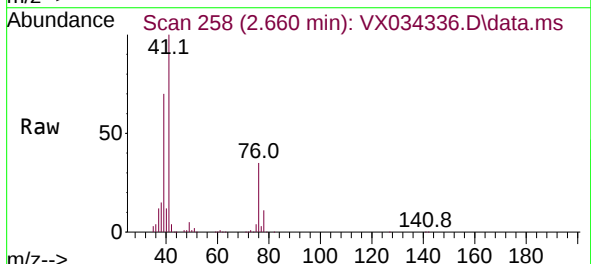
Tgt Ion: 56 Resp: 123934
Ion Ratio Lower Upper
56 100
55 72.2 56.3 84.5

Manual Integrations
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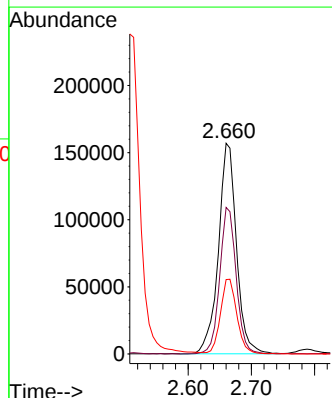
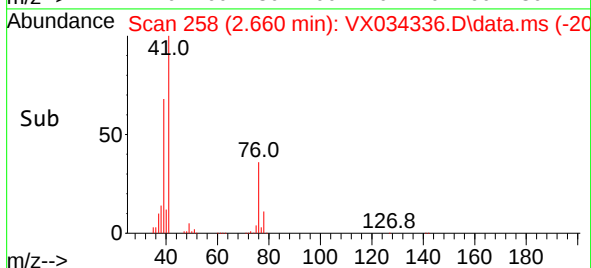
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

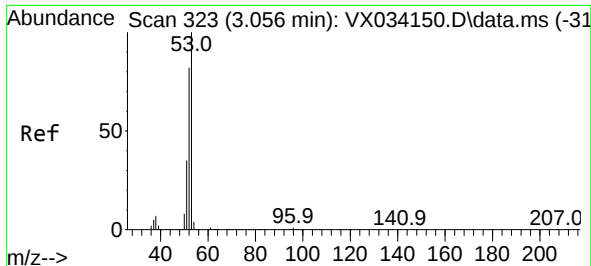


#14
Allyl chloride
Concen: 41.111 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



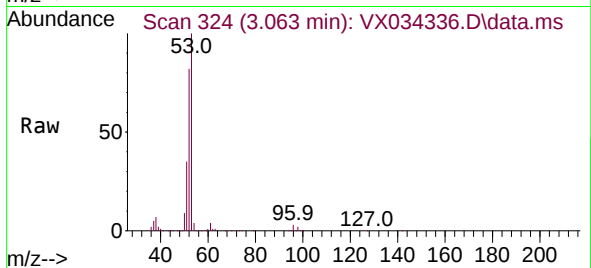
Tgt Ion: 41 Resp: 311330
Ion Ratio Lower Upper
41 100
39 63.3 59.0 88.4
76 32.3 24.6 37.0





#15
Acrylonitrile
Concen: 225.890 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

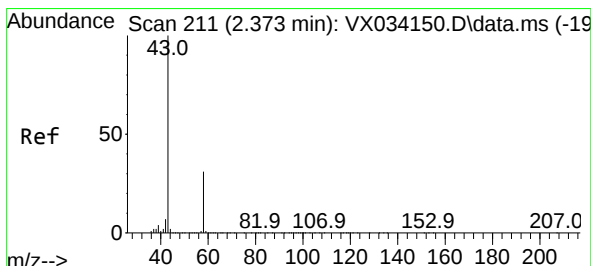
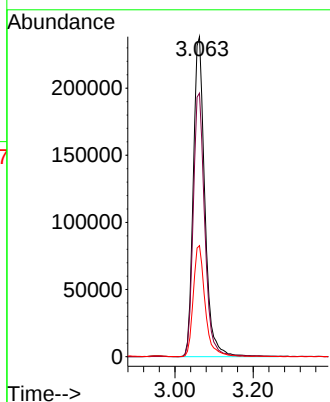
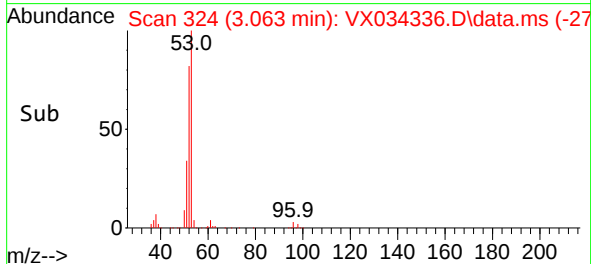
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 48994
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 35.8 29.0 43.4

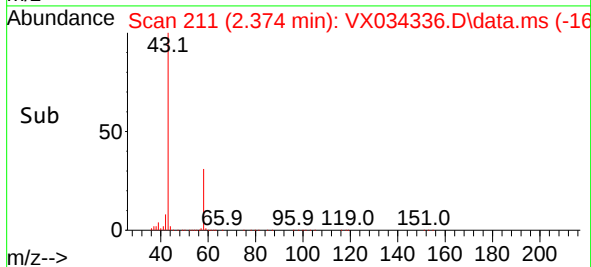
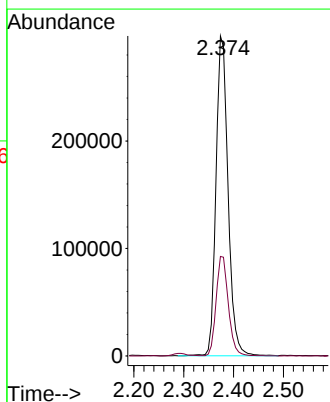
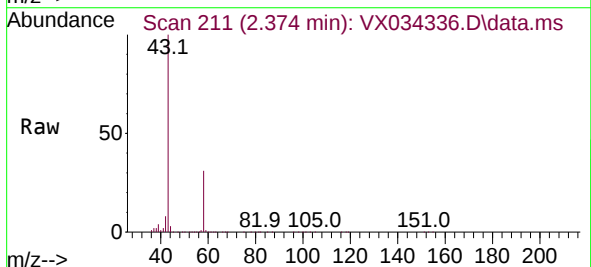
Manual Integrations
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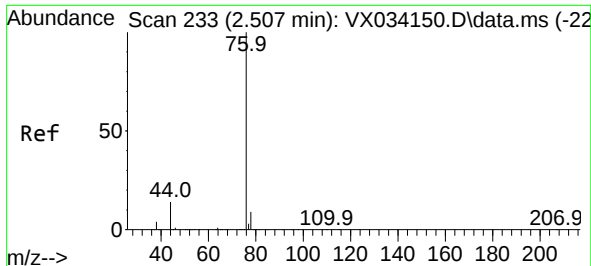
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#16
Acetone
Concen: 217.736 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

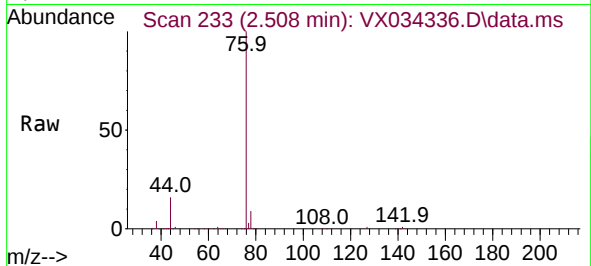
Tgt Ion: 43 Resp: 499286
Ion Ratio Lower Upper
43 100
58 31.1 22.6 33.8





#17
Carbon Disulfide
Concen: 40.714 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

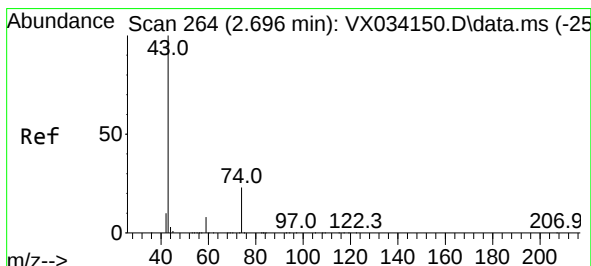
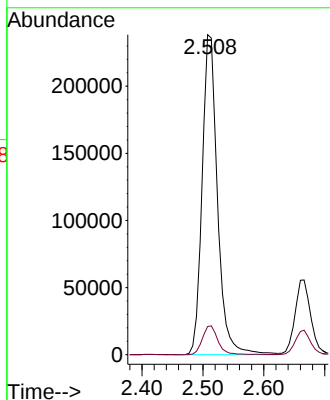
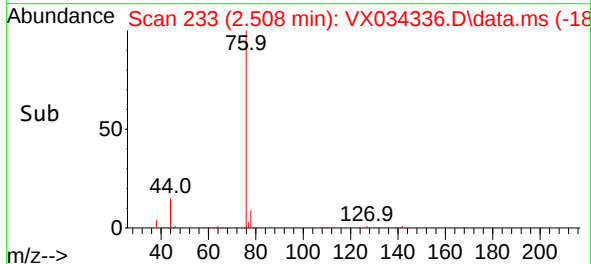
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



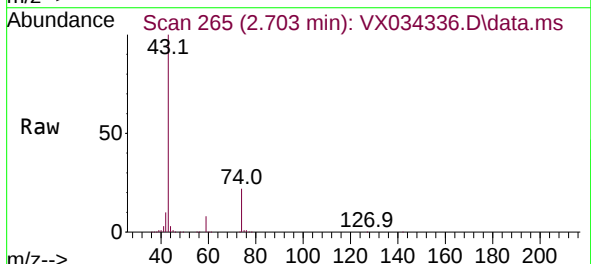
Tgt Ion: 76 Resp: 417902
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

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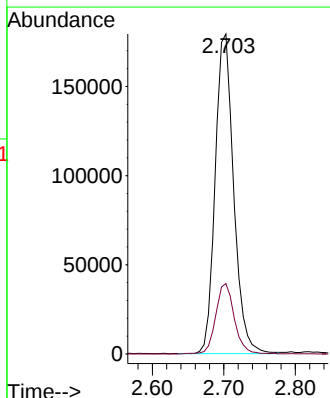
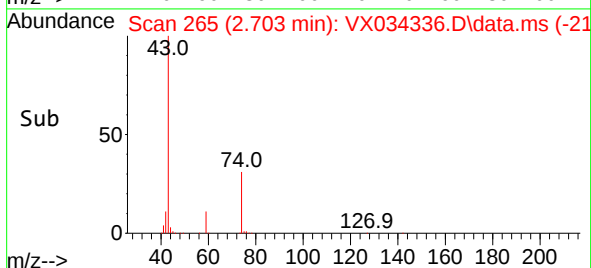
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

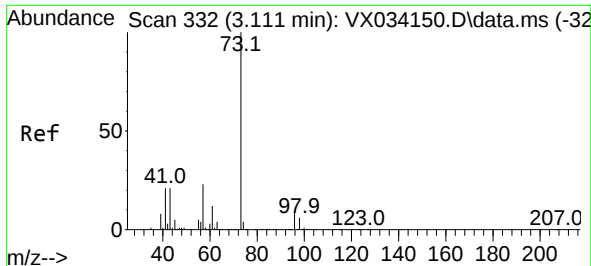


#18
Methyl Acetate
Concen: 45.376 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



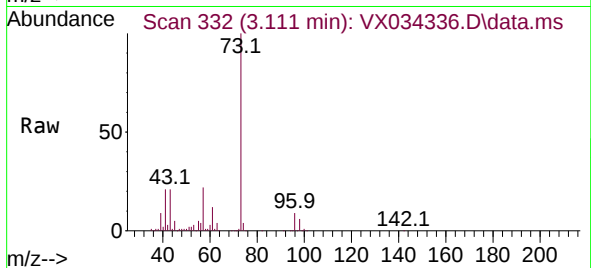
Tgt Ion: 43 Resp: 321961
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 45.449 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

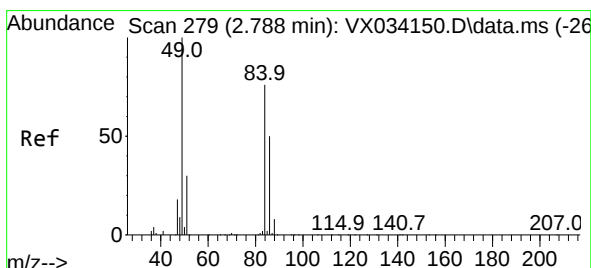
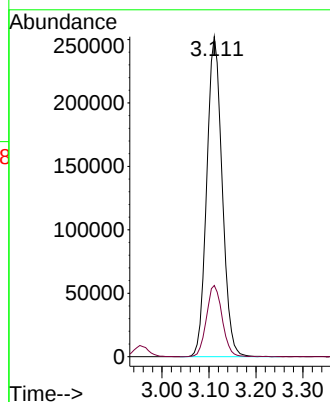
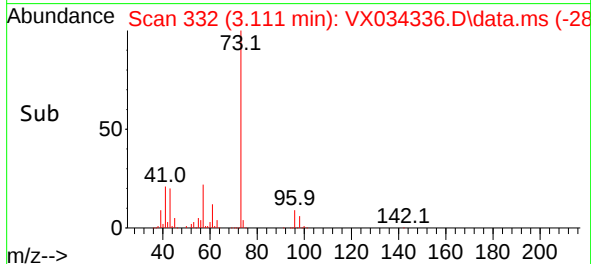
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 572669
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0

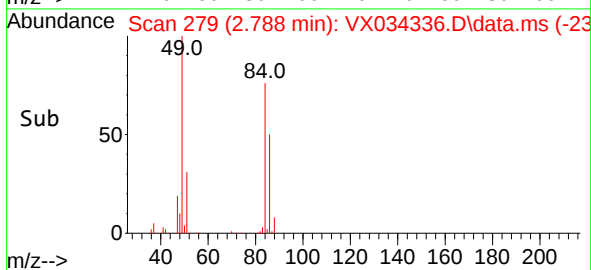
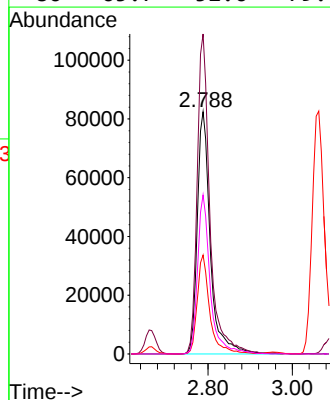
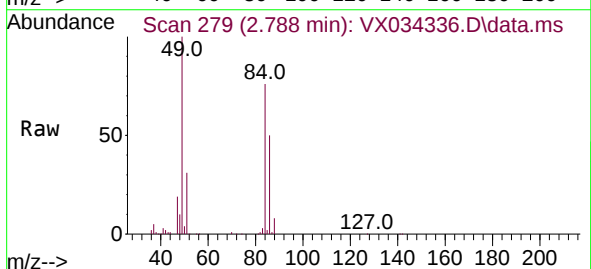
Manual Integrations
APPROVED

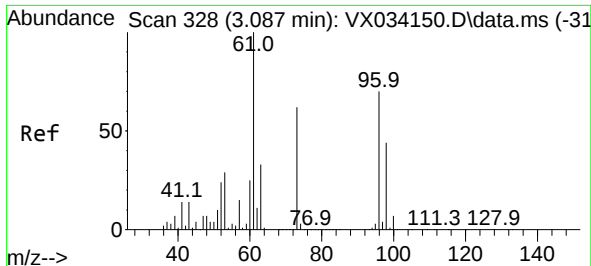
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#20
Methylene Chloride
Concen: 42.917 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

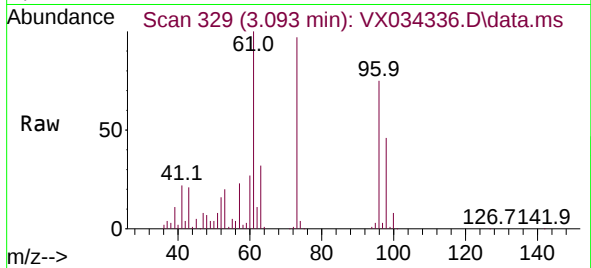
Tgt Ion: 84 Resp: 177321
Ion Ratio Lower Upper
84 100
49 132.1 101.1 151.7
51 40.8 31.0 46.6
86 65.7 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 45.445 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

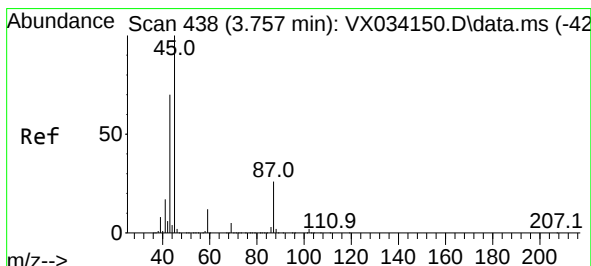
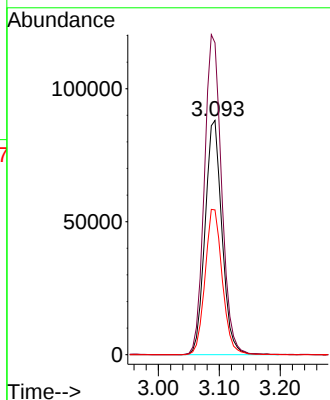
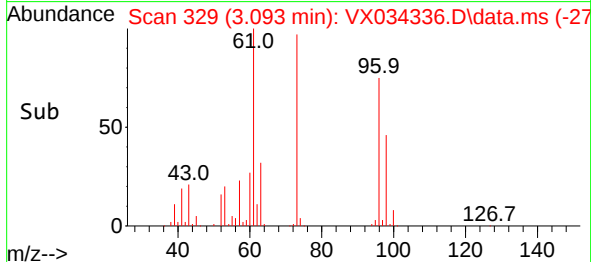
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



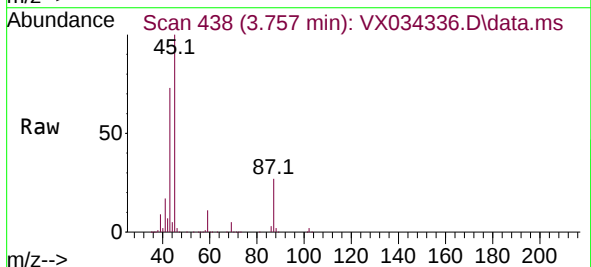
Tgt Ion: 96 Resp: 170000
Ion Ratio Lower Upper
96 100
61 133.1 106.7 160.1
98 61.9 50.0 75.0

Manual Integrations
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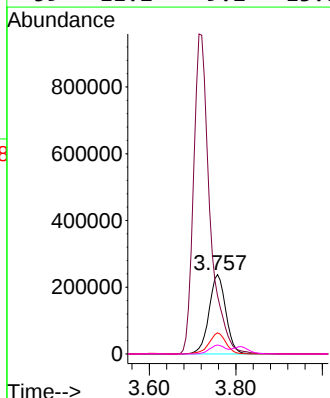
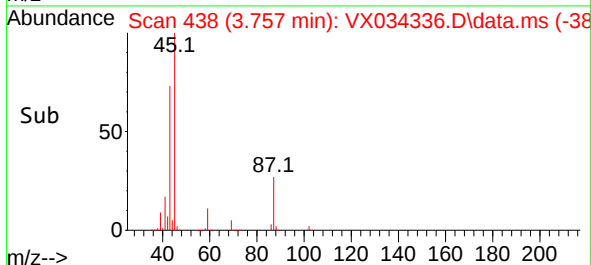
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

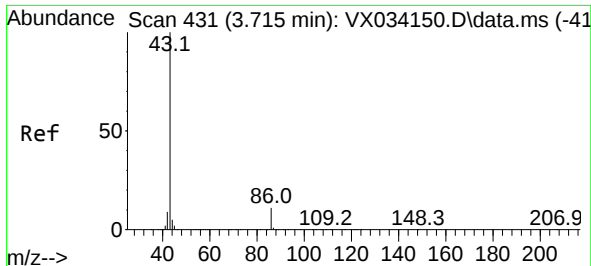


#22
Diisopropyl ether
Concen: 48.277 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



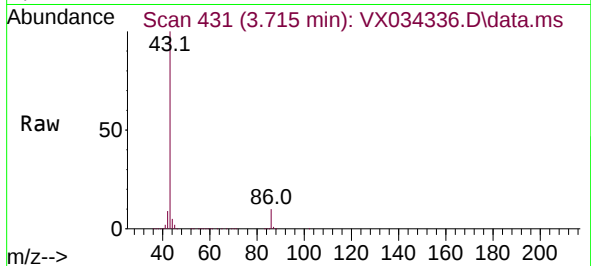
Tgt Ion: 45 Resp: 640955
Ion Ratio Lower Upper
45 100
43 73.1 64.6 97.0
87 26.7 21.9 32.9
59 11.2 9.2 13.8





#23
 Vinyl Acetate
 Concen: 235.956 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034336.D
 Acq: 06 Mar 2023 09:45

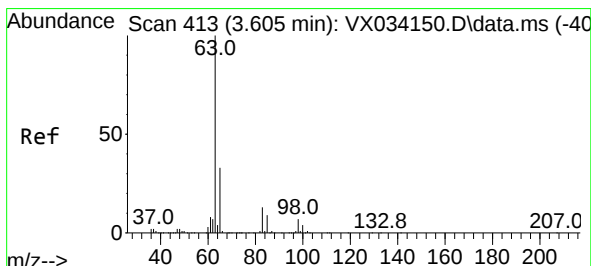
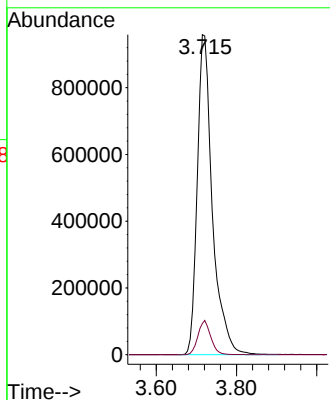
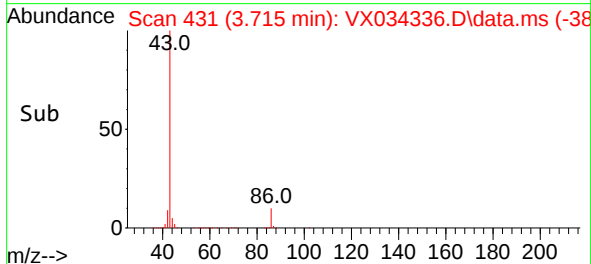
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



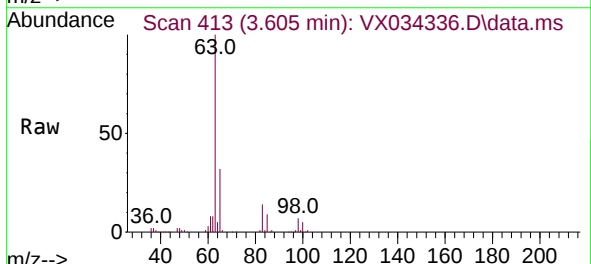
Tgt Ion: 43 Resp: 250986
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.4 12.6

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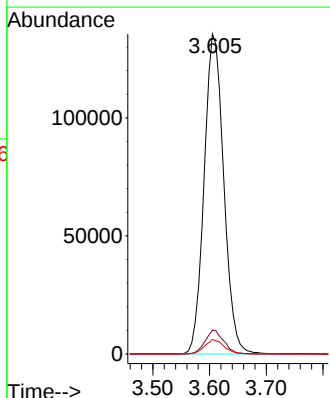
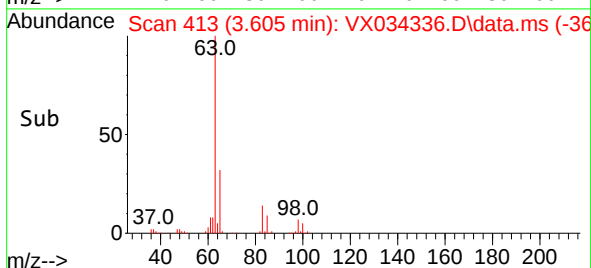
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023

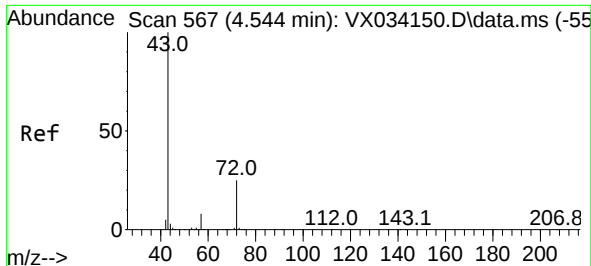


#24
 1,1-Dichloroethane
 Concen: 44.756 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034336.D
 Acq: 06 Mar 2023 09:45



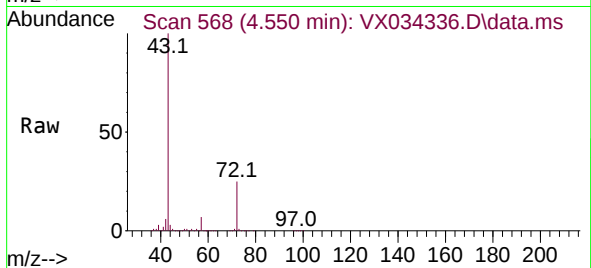
Tgt Ion: 63 Resp: 326208
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 222.719 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

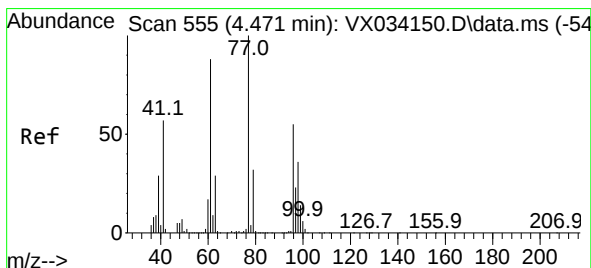
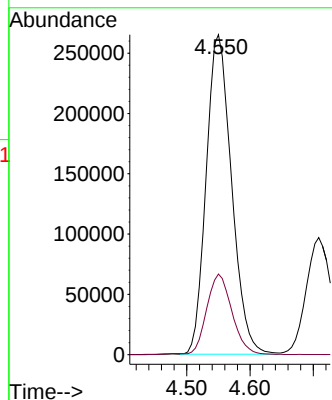
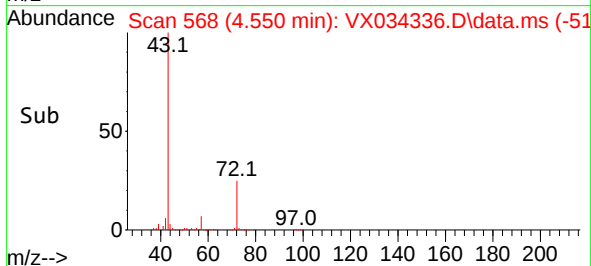
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 738959
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2

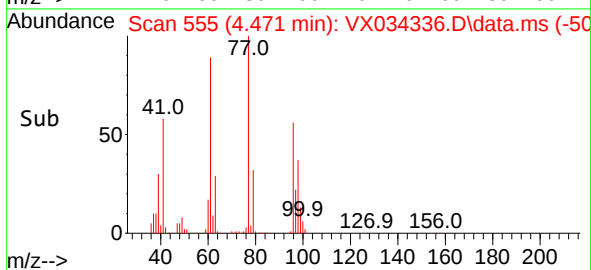
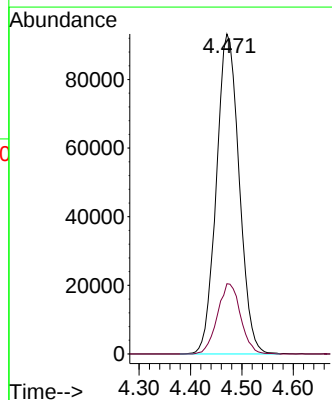
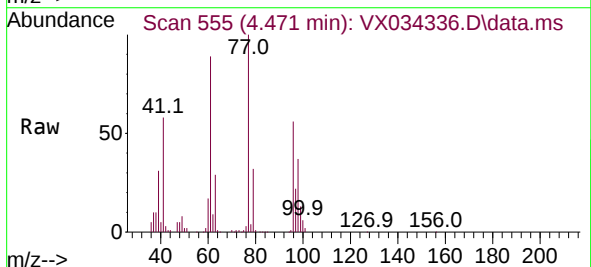
Manual Integrations
APPROVED

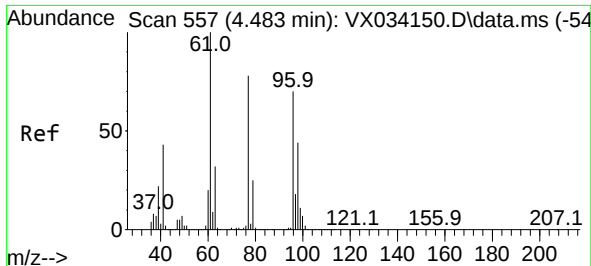
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#26
2,2-Dichloropropane
Concen: 43.491 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

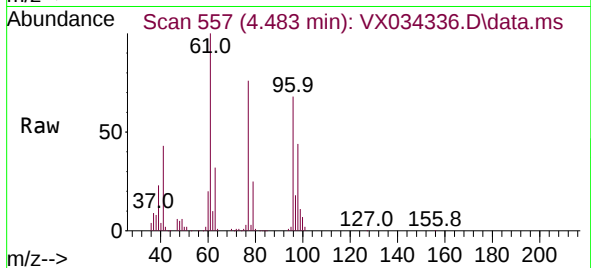
Tgt Ion: 77 Resp: 287152
Ion Ratio Lower Upper
77 100
97 22.3 11.9 35.5





#27
 cis-1,2-Dichloroethene
 Concen: 45.318 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX034336.D
 Acq: 06 Mar 2023 09:45

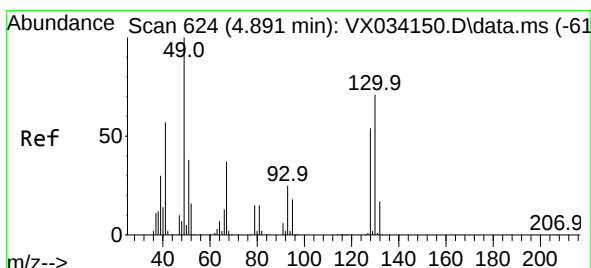
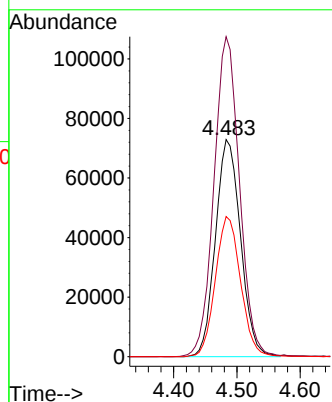
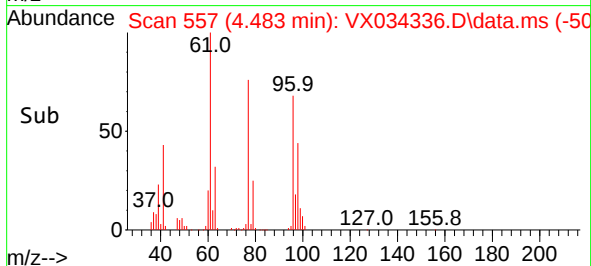
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



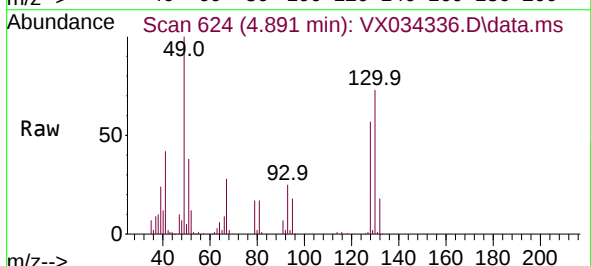
Tgt Ion: 96 Resp: 200754
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 277.6
 98 64.9 0.0 128.0

Manual Integrations
 APPROVED

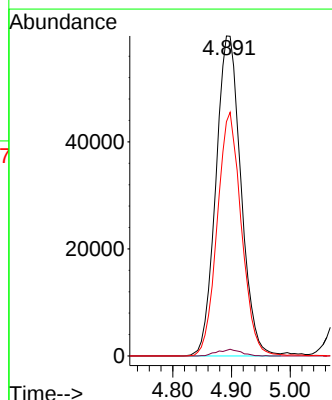
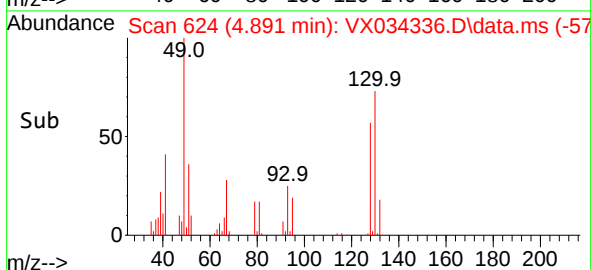
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023

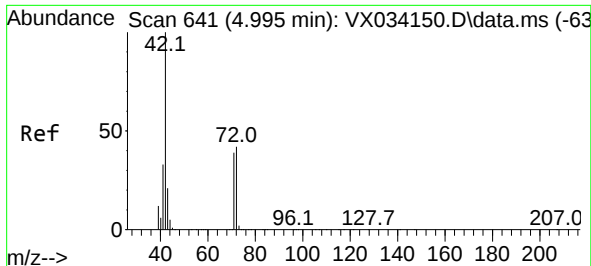


#28
 Bromochloromethane
 Concen: 54.551 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX034336.D
 Acq: 06 Mar 2023 09:45



Tgt Ion: 49 Resp: 177365
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 73.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 227.621 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034336.D

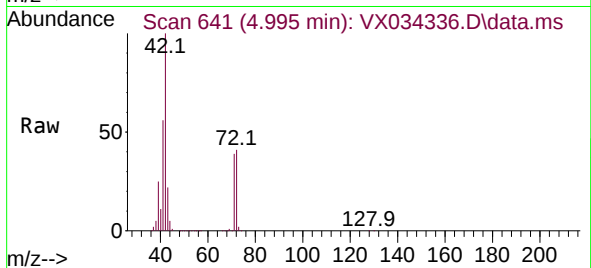
Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 460719

Ion Ratio Lower Upper

42 100

72 42.4 34.8 52.2

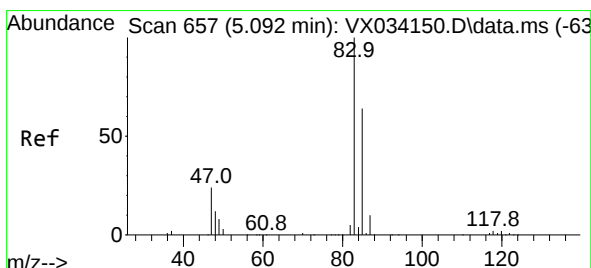
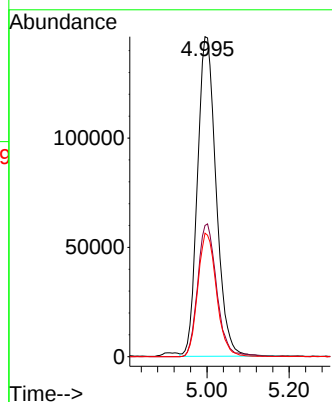
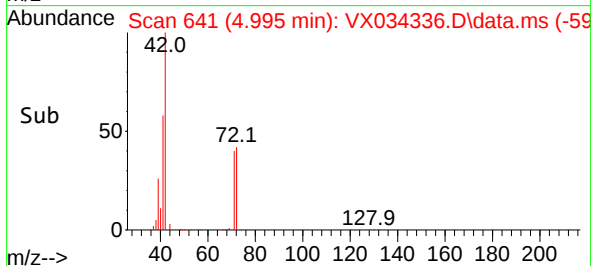
71 38.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#30

Chloroform

Concen: 47.509 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034336.D

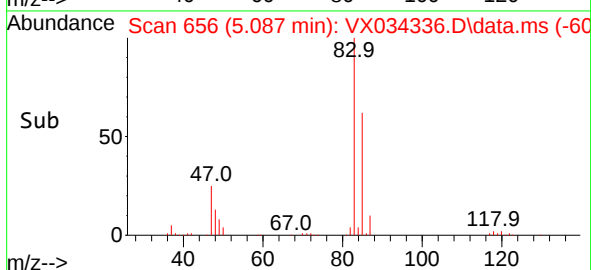
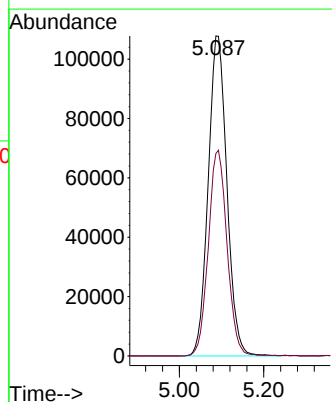
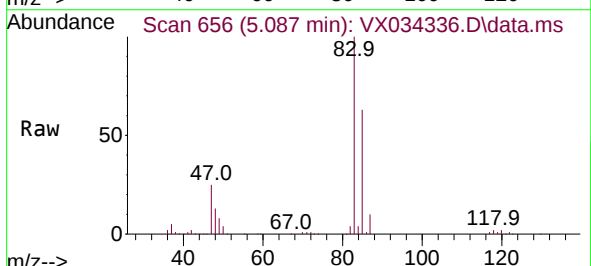
Acq: 06 Mar 2023 09:45

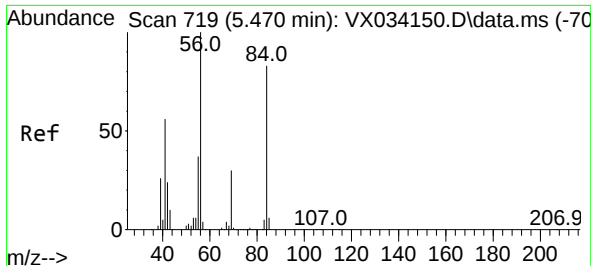
Tgt Ion: 83 Resp: 332504

Ion Ratio Lower Upper

83 100

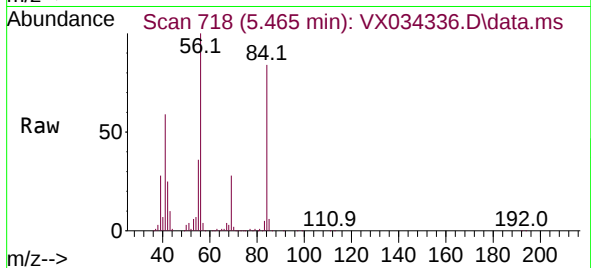
85 63.3 52.1 78.1





#31
Cyclohexane
Concen: 45.249 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

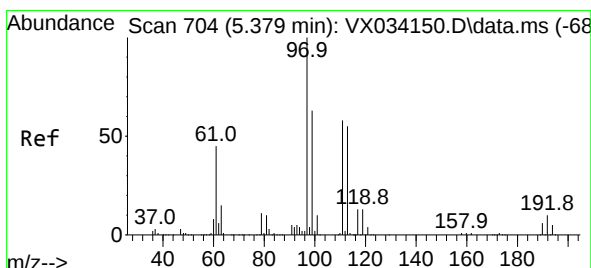
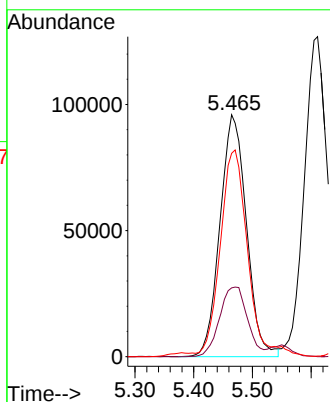
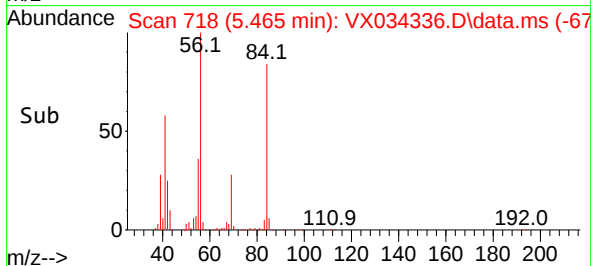
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 300310
Ion Ratio Lower Upper
56 100
69 28.5 24.6 37.0
84 82.7 71.0 106.6

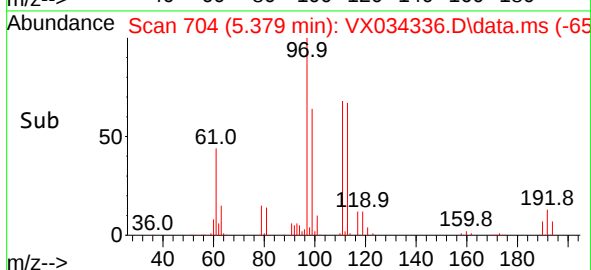
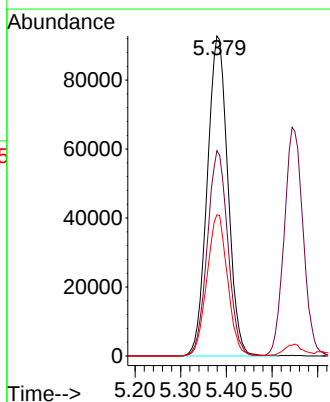
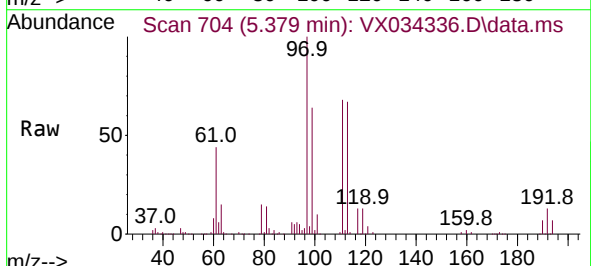
Manual Integrations
APPROVED

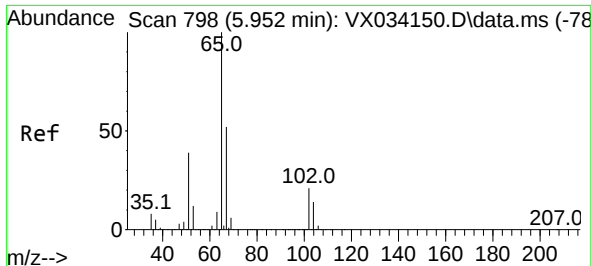
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#32
1,1,1-Trichloroethane
Concen: 46.204 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Tgt Ion: 97 Resp: 289879
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.092 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22711

Ion Ratio Lower Upper

65 100

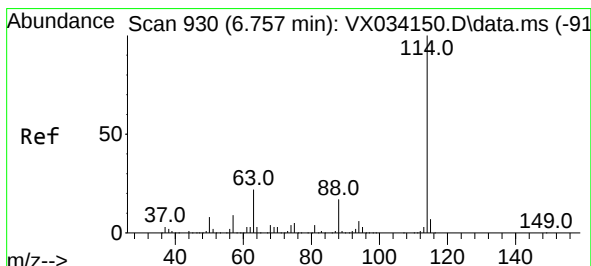
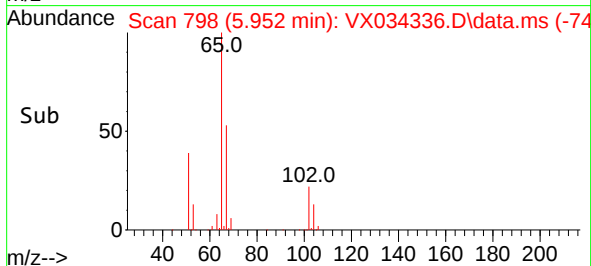
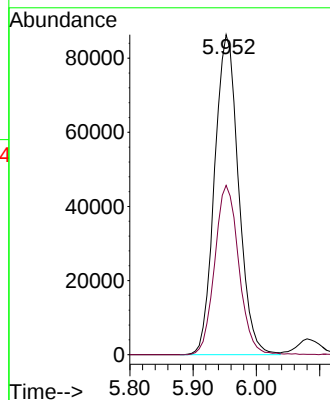
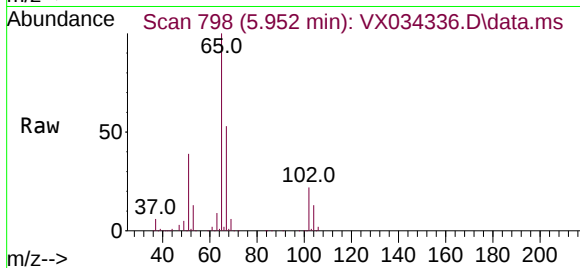
67 53.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

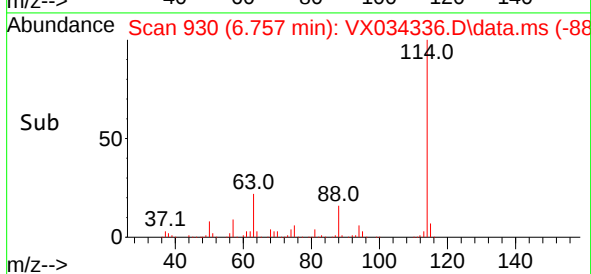
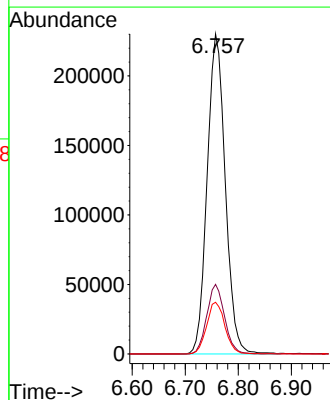
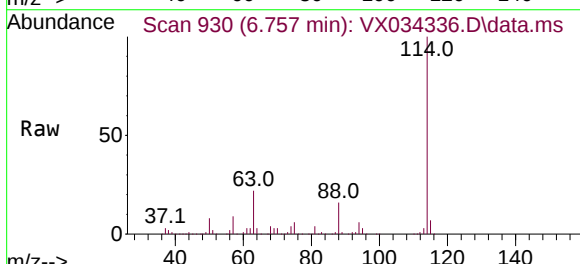
Tgt Ion:114 Resp: 546709

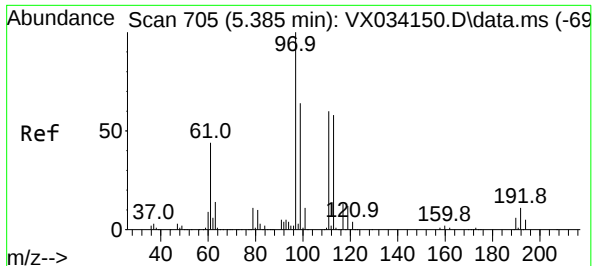
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

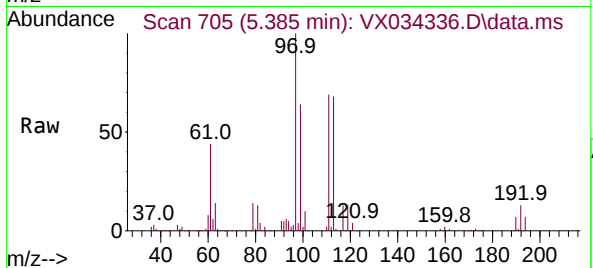
88 16.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.263 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

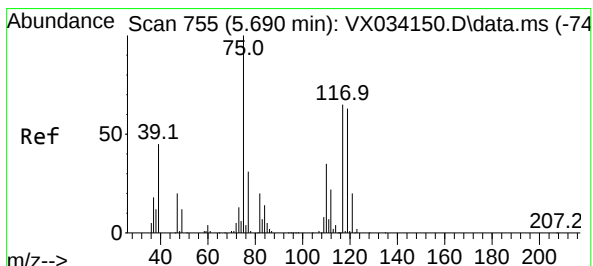
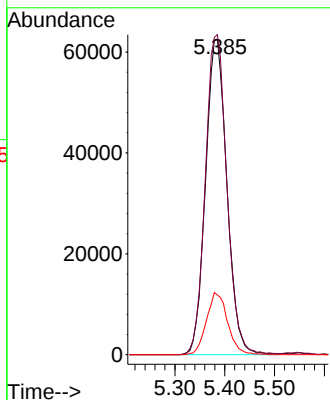
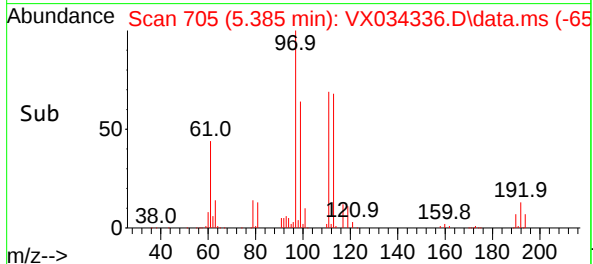
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 186030
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 19.5 19.0 28.4

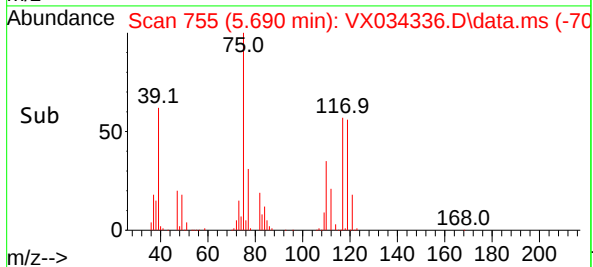
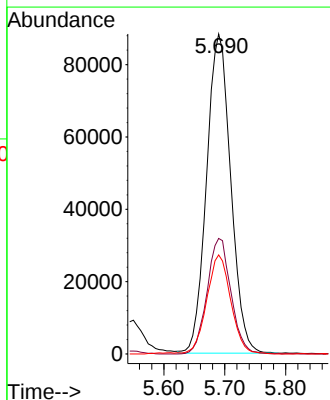
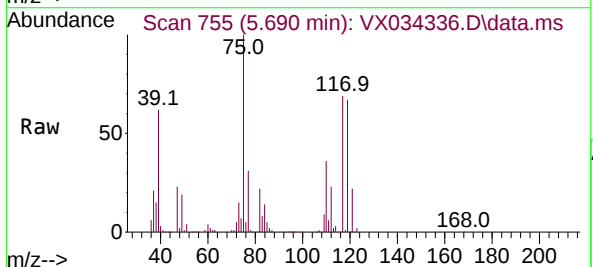
Manual Integrations
APPROVED

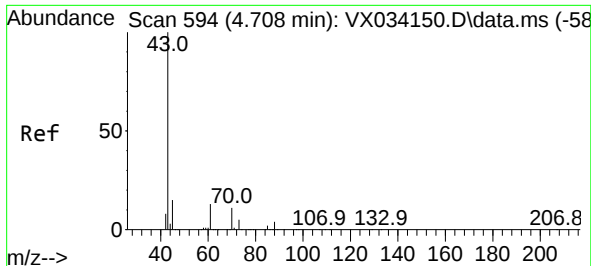
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#36
1,1-Dichloropropene
Concen: 46.166 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Tgt Ion: 75 Resp: 243032
Ion Ratio Lower Upper
75 100
110 35.7 18.8 56.4
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 47.694 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034336.D

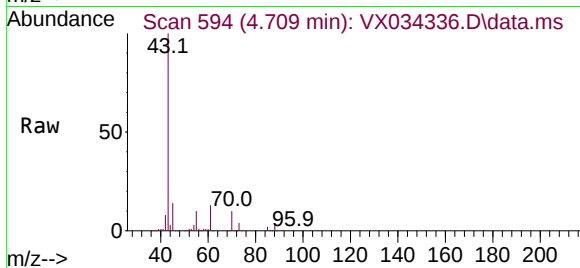
Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



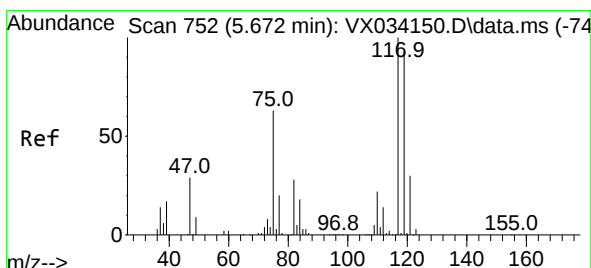
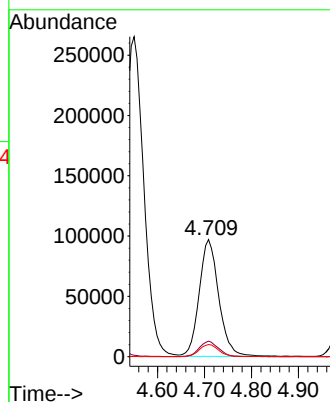
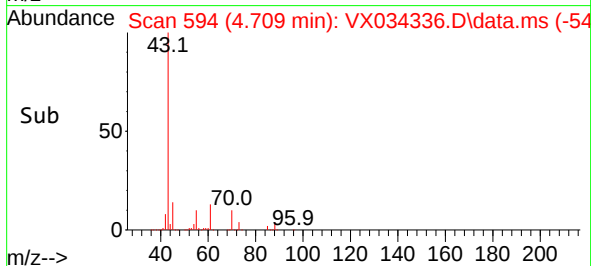
Tgt Ion:	43	Resp:	28059
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.1	16.7
70	10.4	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#38

Carbon Tetrachloride

Concen: 46.448 ug/l

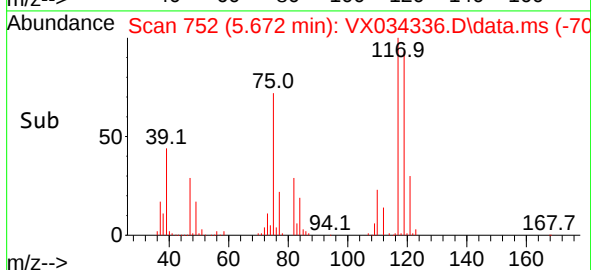
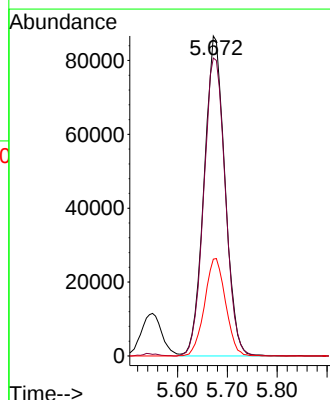
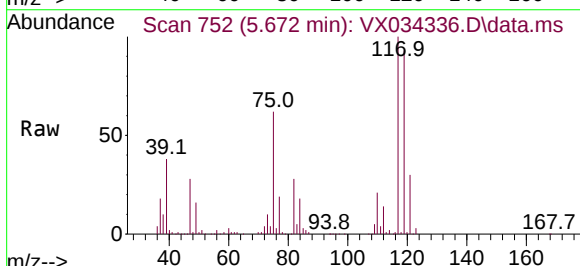
RT: 5.672 min Scan# 752

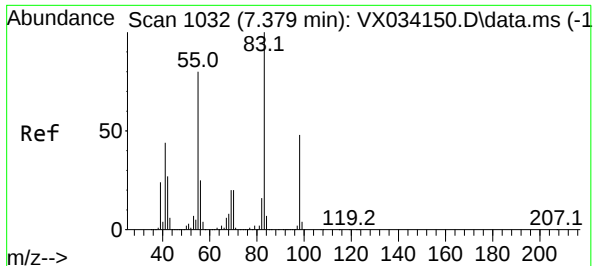
Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Tgt Ion:	117	Resp:	251611
Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.0	117.0
121	30.3	24.4	36.6





#39

Methylcyclohexane

Concen: 45.607 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034336.D

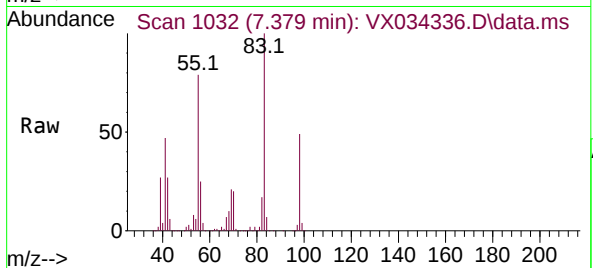
Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



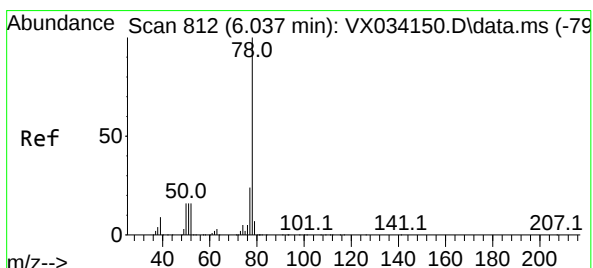
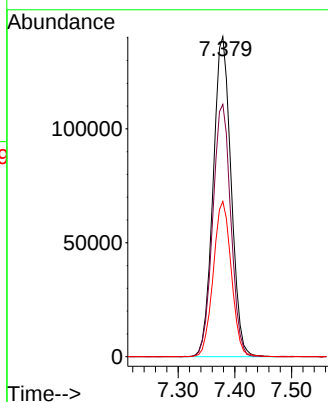
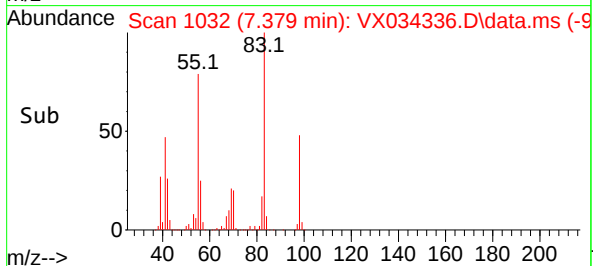
Tgt Ion: 83	Resp: 308960
Ion Ratio	Lower Upper
83	100
55	78.8 61.8 92.6
98	48.5 39.3 58.9

Manual Integrations

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Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#40

Benzene

Concen: 46.440 ug/l

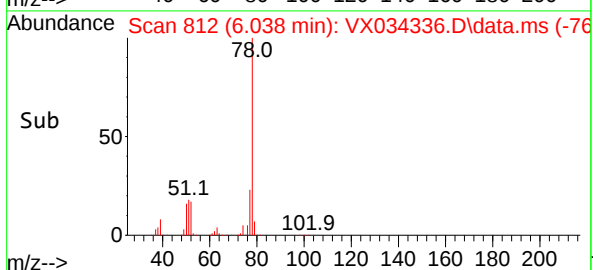
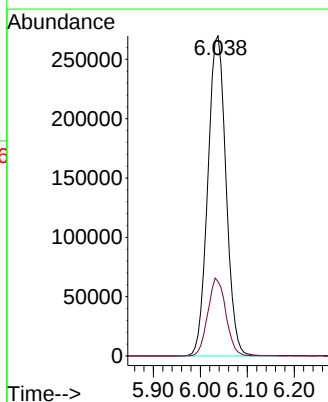
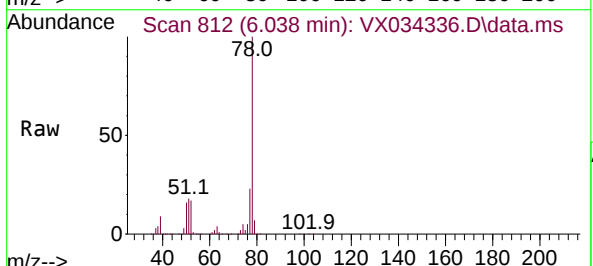
RT: 6.038 min Scan# 812

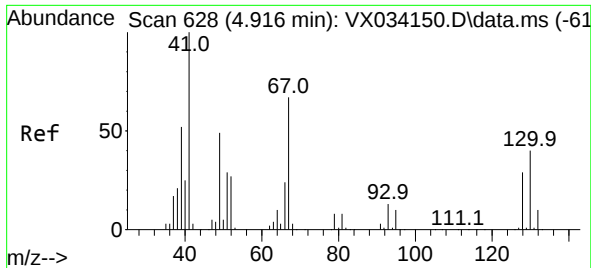
Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Tgt Ion: 78	Resp: 724482
Ion Ratio	Lower Upper
78	100
77	23.2 19.0 28.4





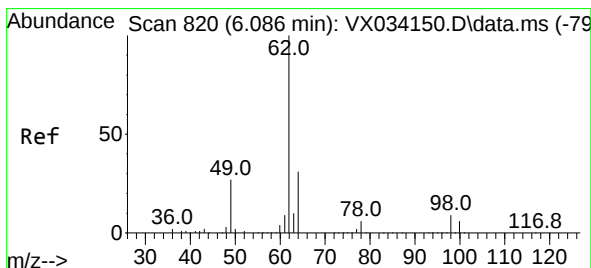
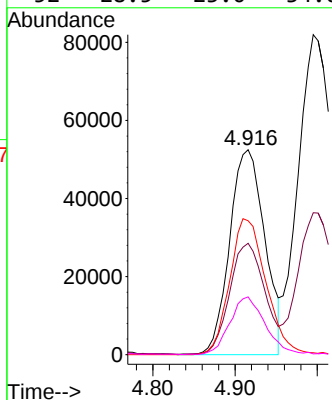
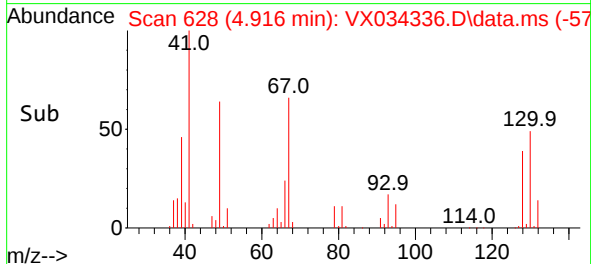
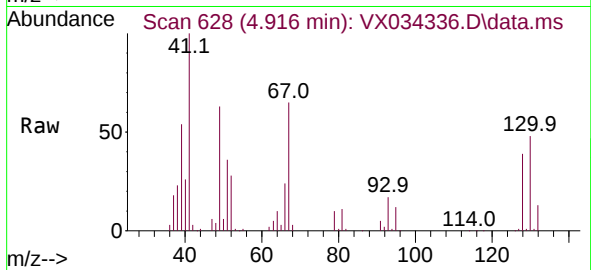
#41
Methacrylonitrile
Concen: 47.649 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 156190
Ion Ratio Lower Upper
41 100
39 53.9 43.8 65.6
67 68.9 54.8 82.2
52 28.5 23.0 34.6

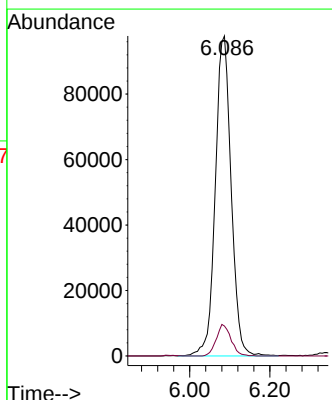
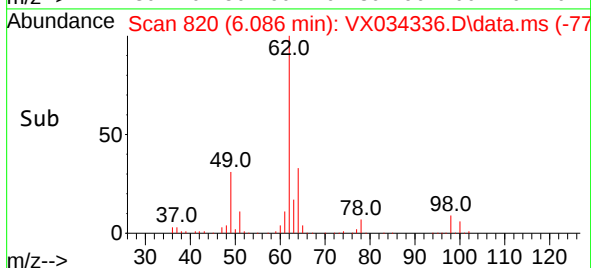
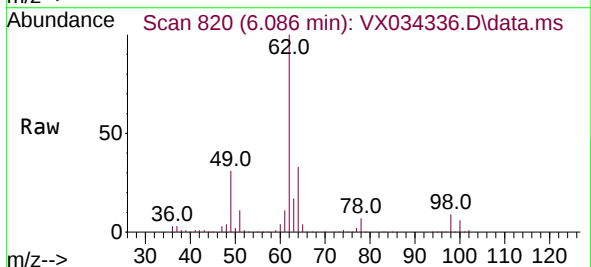
Manual Integrations
APPROVED

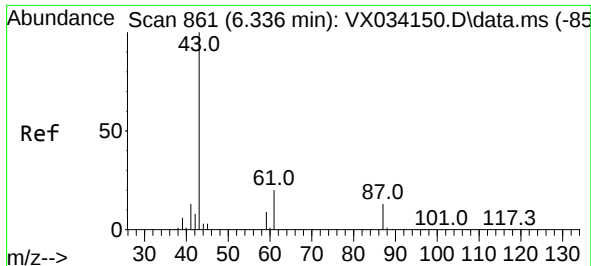
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#42
1,2-Dichloroethane
Concen: 48.847 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

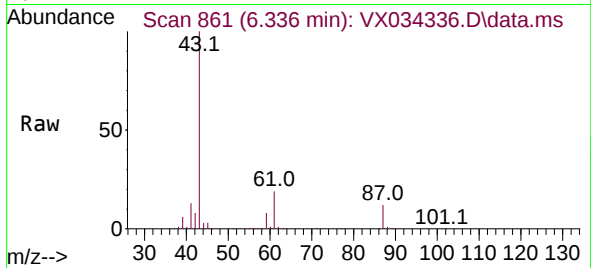
Tgt Ion: 62 Resp: 268015
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.2





#43
Isopropyl Acetate
Concen: 46.912 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

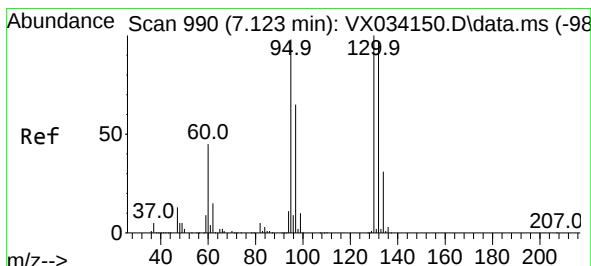
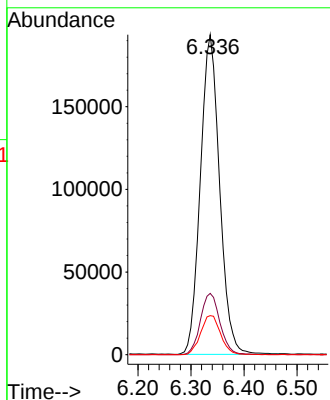
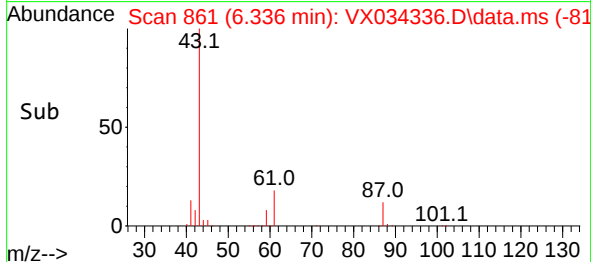
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



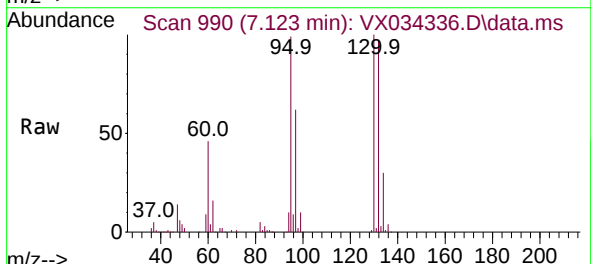
Tgt Ion: 43 Resp: 48704
Ion Ratio Lower Upper
43 100
61 19.6 15.7 23.5
87 12.7 10.6 15.8

Manual Integrations
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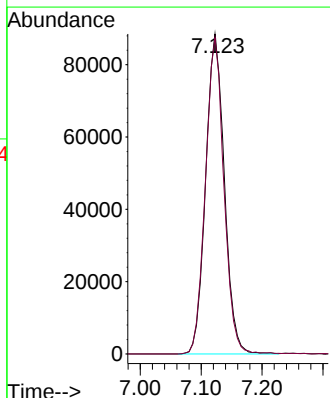
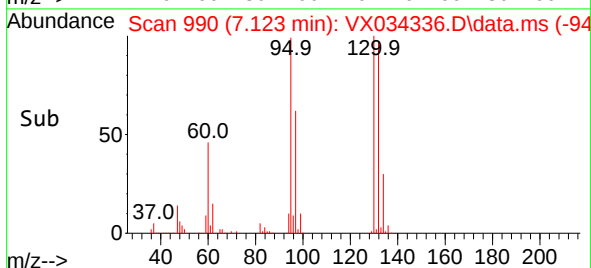
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

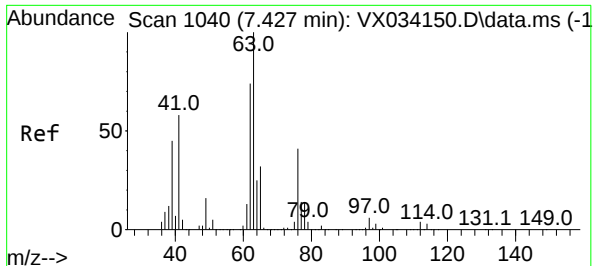


#44
Trichloroethene
Concen: 47.142 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



Tgt Ion:130 Resp: 188732
Ion Ratio Lower Upper
130 100
95 98.8 0.0 182.6





#45

1,2-Dichloropropane

Concen: 46.919 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 194854

Ion Ratio Lower Upper

63 100

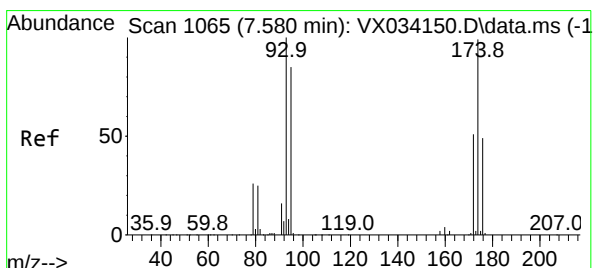
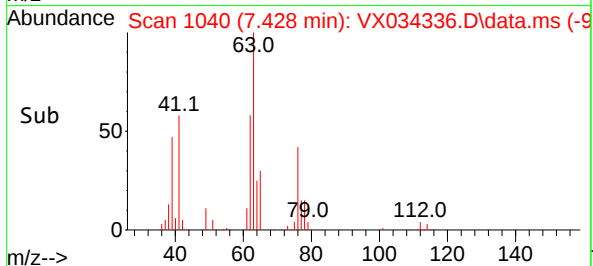
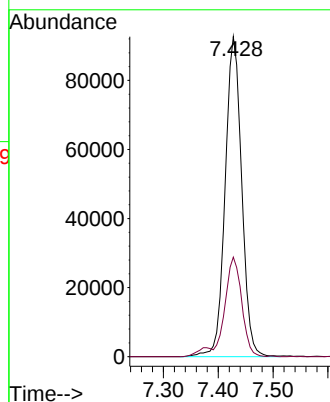
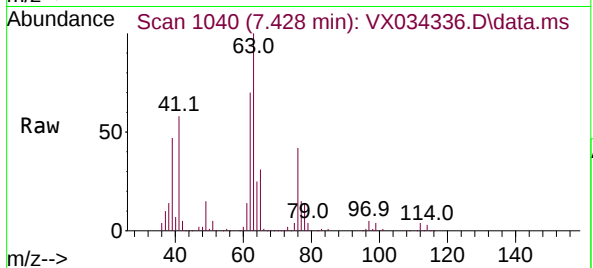
65 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#46

Dibromomethane

Concen: 47.947 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

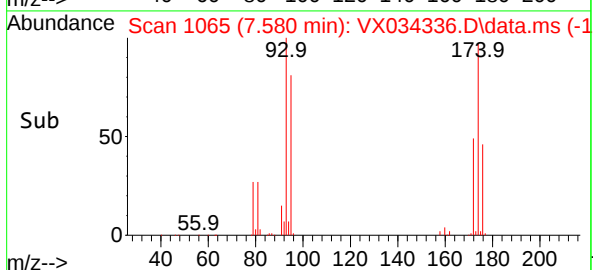
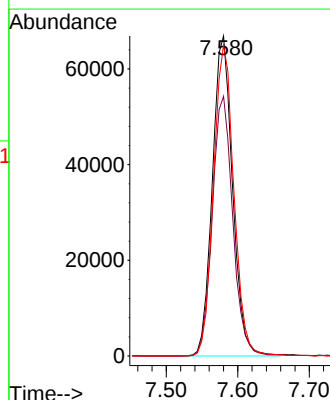
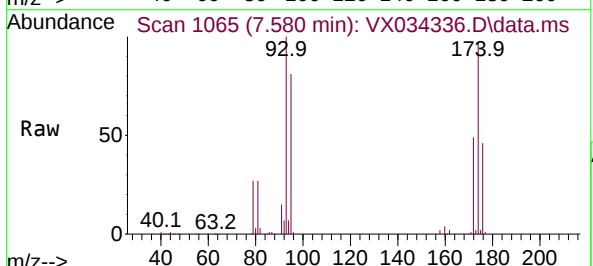
Tgt Ion: 93 Resp: 131049

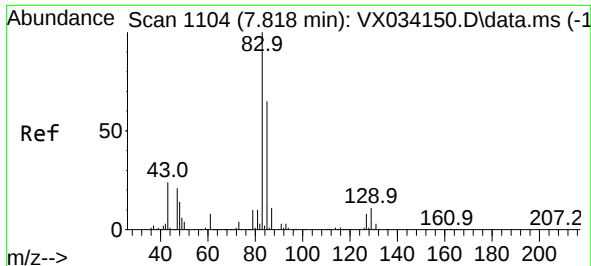
Ion Ratio Lower Upper

93 100

95 82.0 67.6 101.4

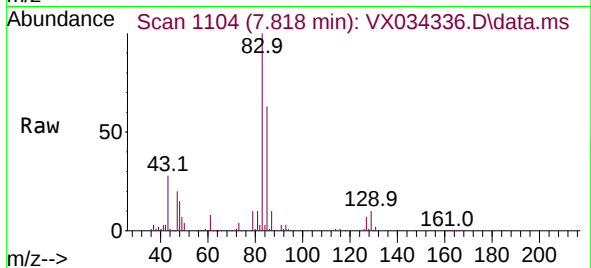
174 98.4 97.4 146.0





#47
Bromodichloromethane
Concen: 47.395 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

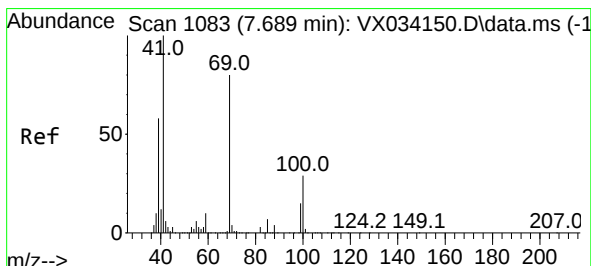
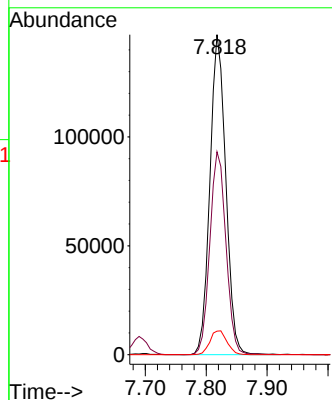
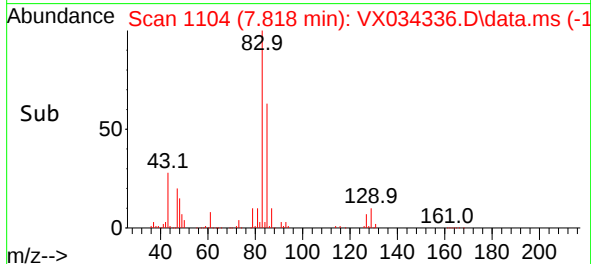
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



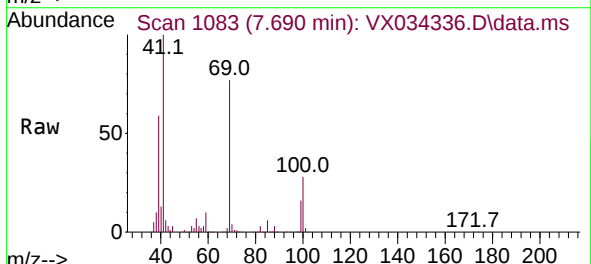
Tgt Ion: 83 Resp: 265840
Ion Ratio Lower Upper
83 100
85 63.4 49.8 74.6
127 7.3 7.0 10.4

Manual Integrations
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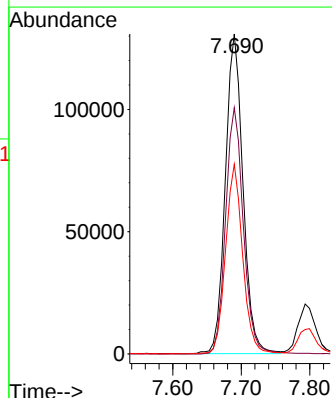
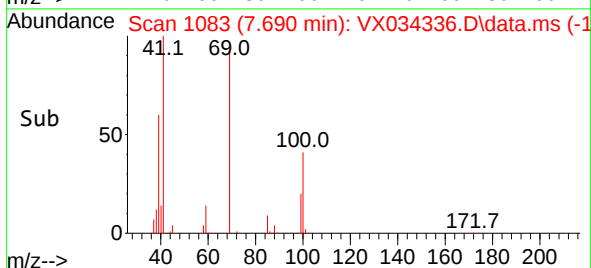
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

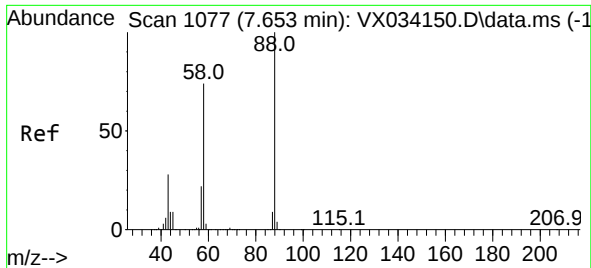


#48
Methyl methacrylate
Concen: 47.400 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



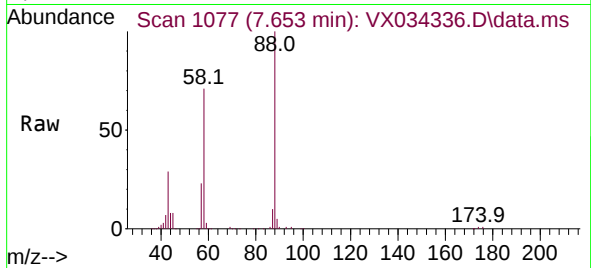
Tgt Ion: 41 Resp: 233574
Ion Ratio Lower Upper
41 100
69 77.8 63.1 94.7
39 57.6 43.2 64.8





#49
1,4-Dioxane
Concen: 879.641 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

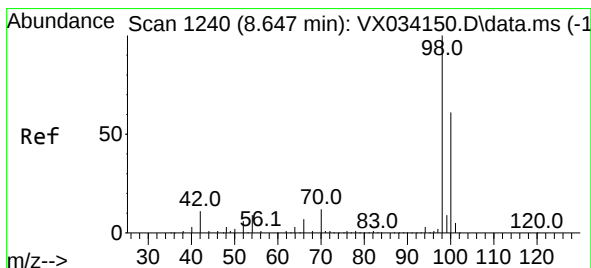
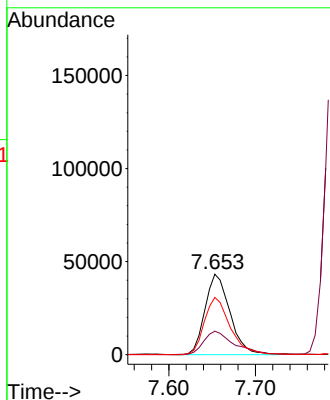
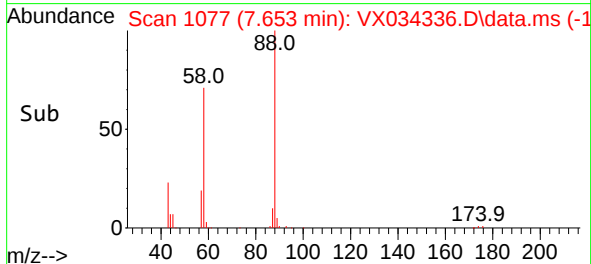
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 86459
Ion Ratio Lower Upper
88 100
43 35.1 0.0 0.0
58 74.0 56.5 84.7

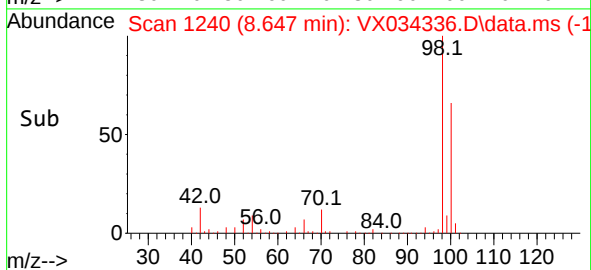
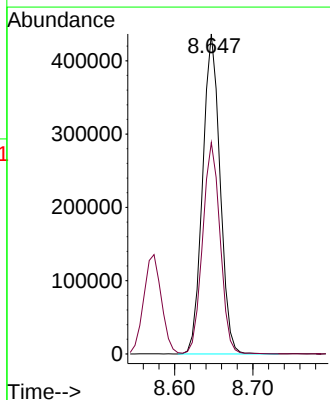
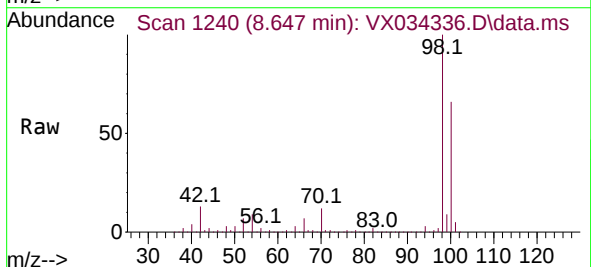
Manual Integrations
APPROVED

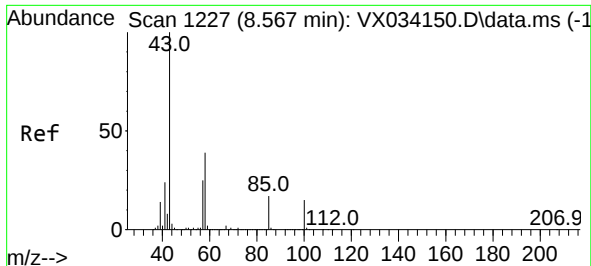
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#50
Toluene-d8
Concen: 52.634 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Tgt Ion: 98 Resp: 672668
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 247.521 ug/l
RT: 8.568 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

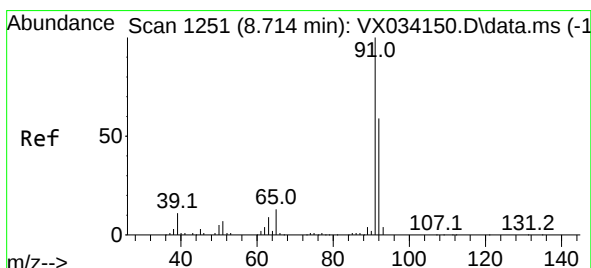
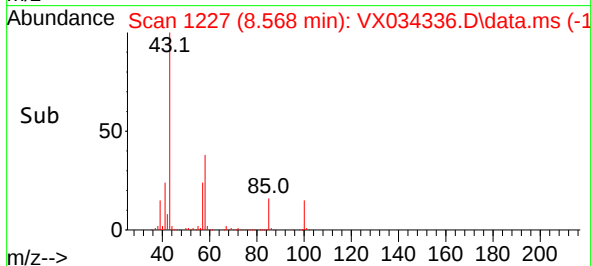
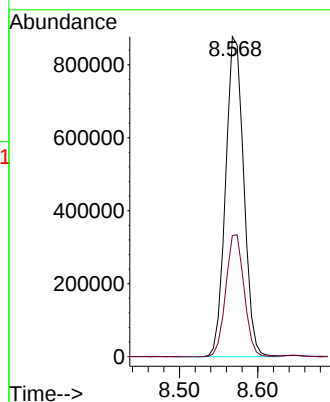
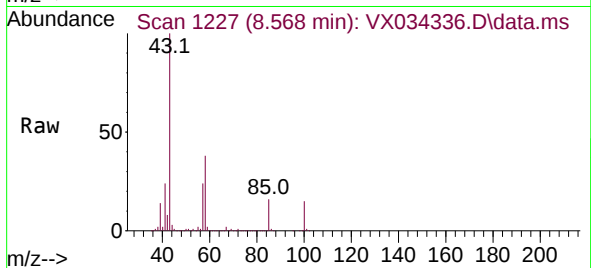
VSTDCCC050

Tgt Ion: 43 Resp: 141385
Ion Ratio Lower Upper
43 100
58 38.5 31.2 46.8

Manual Integrations

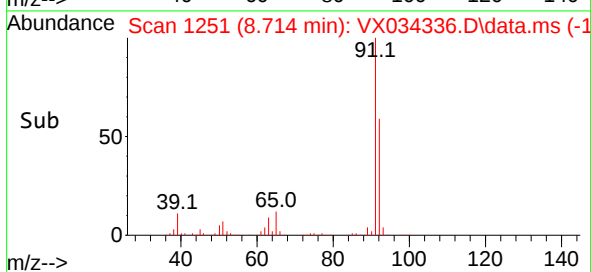
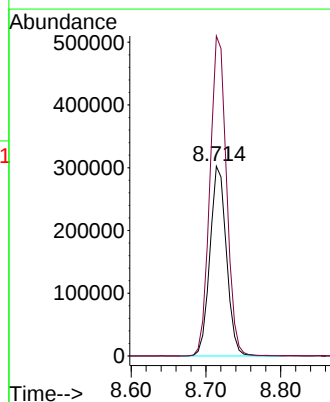
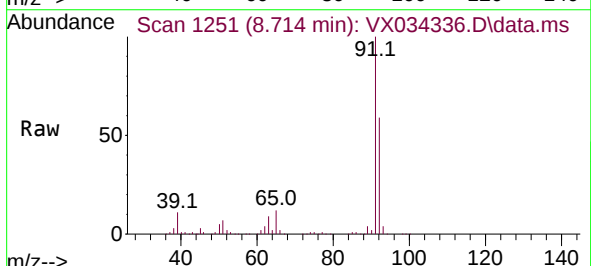
APPROVED

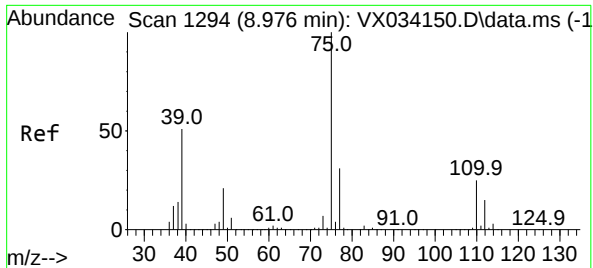
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#52
Toluene
Concen: 49.000 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

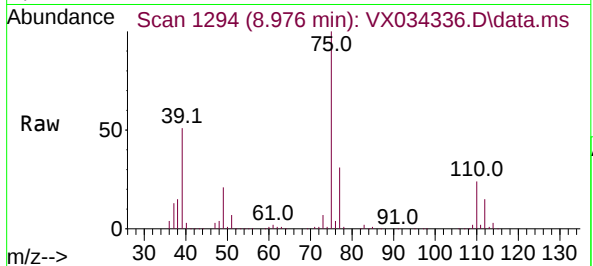
Tgt Ion: 92 Resp: 463191
Ion Ratio Lower Upper
92 100
91 170.5 135.5 203.3





#53
 t-1,3-Dichloropropene
 Concen: 48.954 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX034336.D
 Acq: 06 Mar 2023 09:45

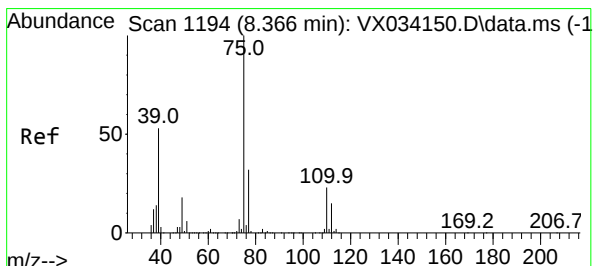
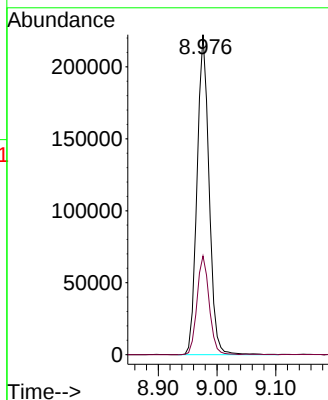
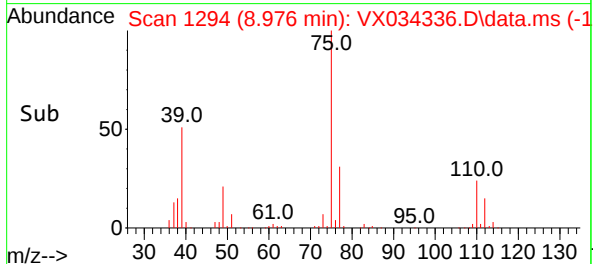
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



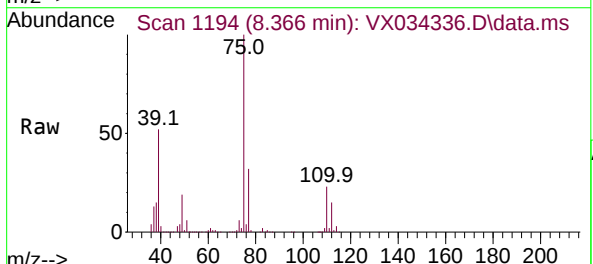
Tgt Ion: 75 Resp: 31607
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3

Manual Integrations
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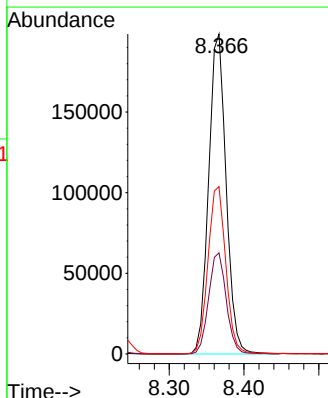
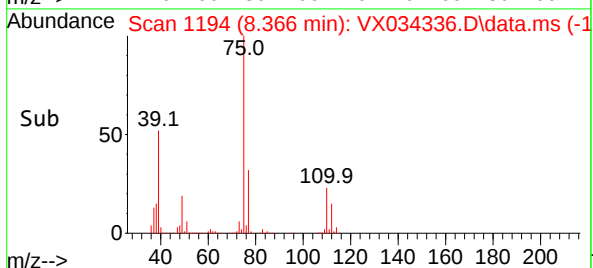
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023

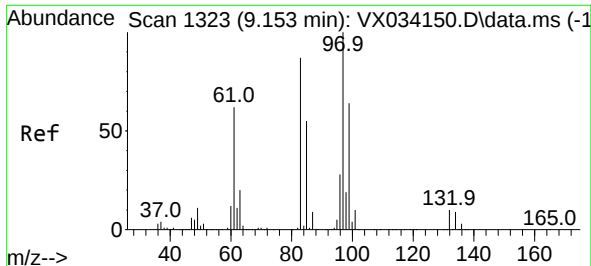


#54
 cis-1,3-Dichloropropene
 Concen: 46.518 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034336.D
 Acq: 06 Mar 2023 09:45



Tgt Ion: 75 Resp: 321531
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6
 39 52.2 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 50.191 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 191508

Ion Ratio Lower Upper

97 100

83 83.7 67.4 101.0

85 54.6 43.2 64.8

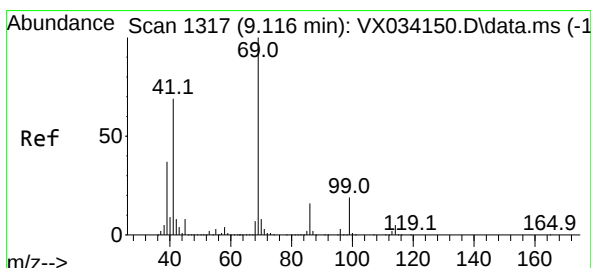
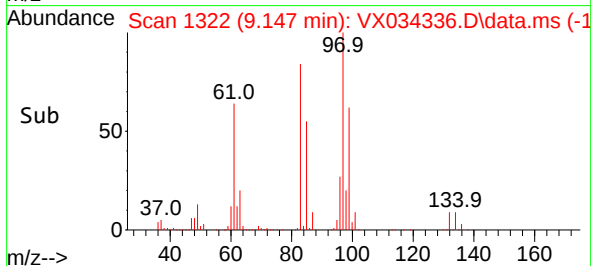
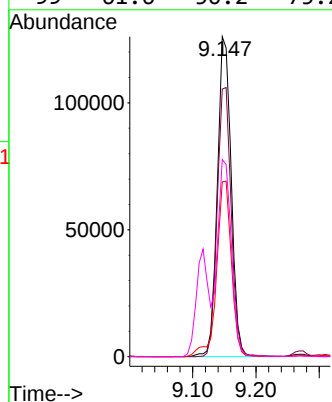
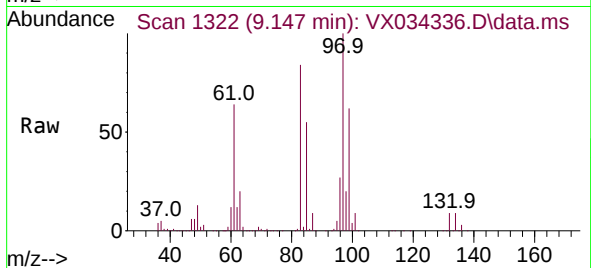
99 61.6 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#56

Ethyl methacrylate

Concen: 49.210 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

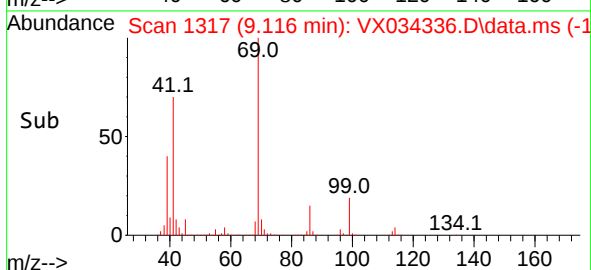
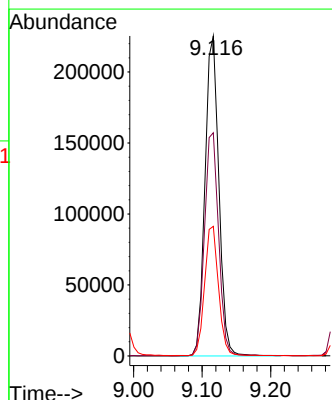
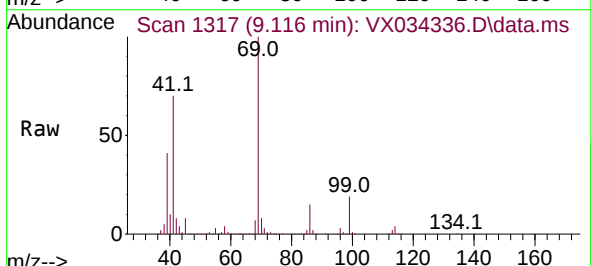
Tgt Ion: 69 Resp: 317636

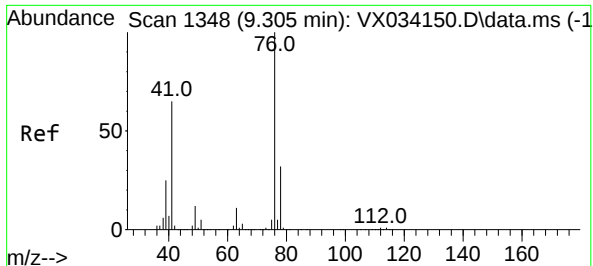
Ion Ratio Lower Upper

69 100

41 71.5 55.1 82.7

39 40.8 28.5 42.7





#57

1,3-Dichloropropane

Concen: 49.623 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 329424

Ion Ratio Lower Upper

76 100

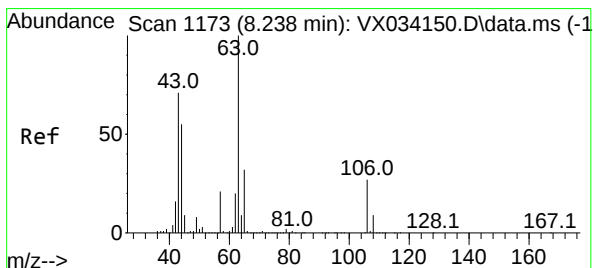
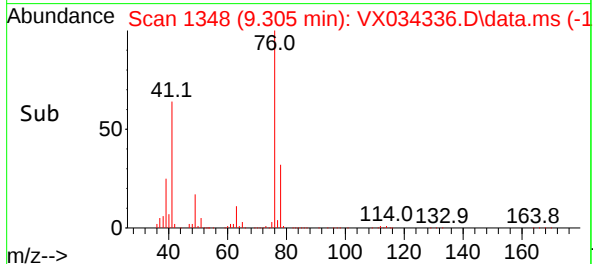
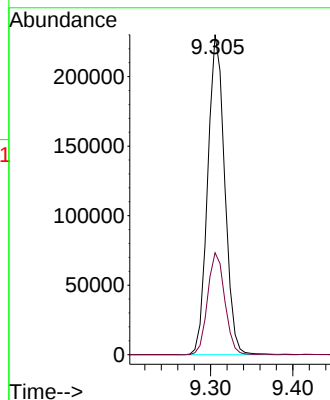
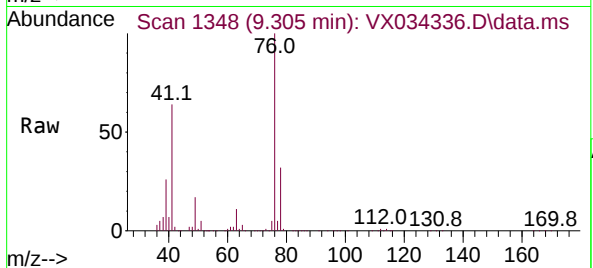
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 253.220 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034336.D

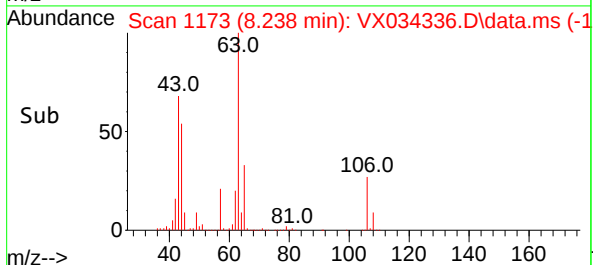
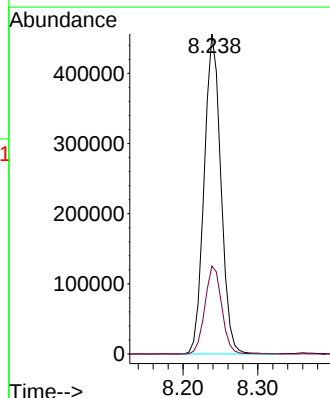
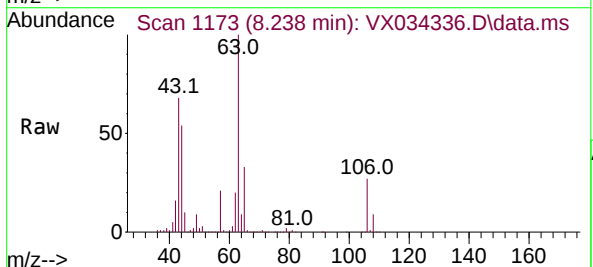
Acq: 06 Mar 2023 09:45

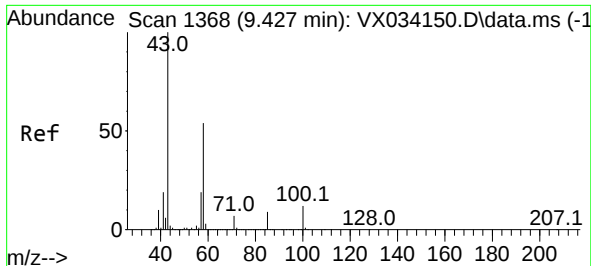
Tgt Ion: 63 Resp: 708029

Ion Ratio Lower Upper

63 100

106 27.6 24.5 36.7





#59

2-Hexanone

Concen: 250.518 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1090550

Ion Ratio Lower Upper

43 100

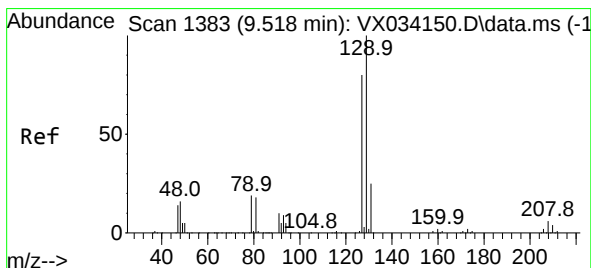
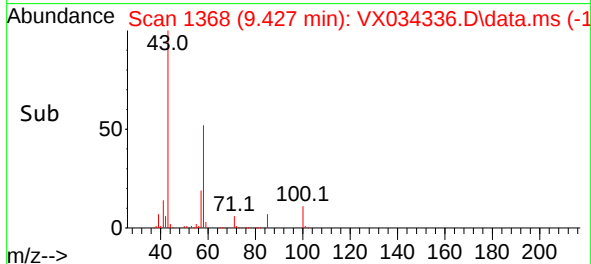
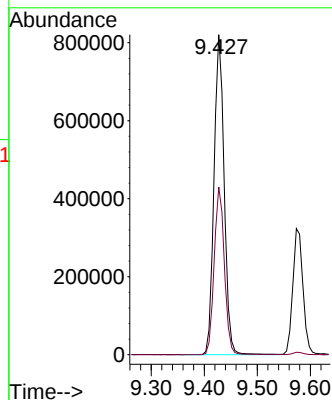
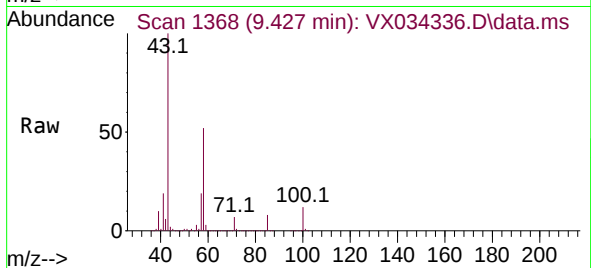
58 52.8 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#60

Dibromochloromethane

Concen: 49.280 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034336.D

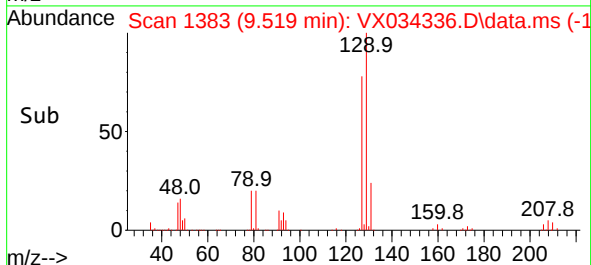
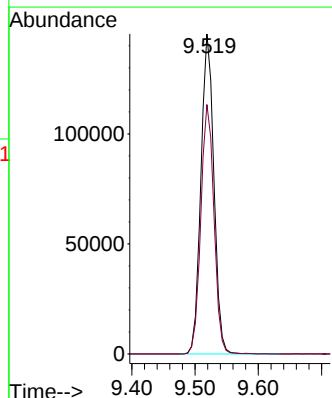
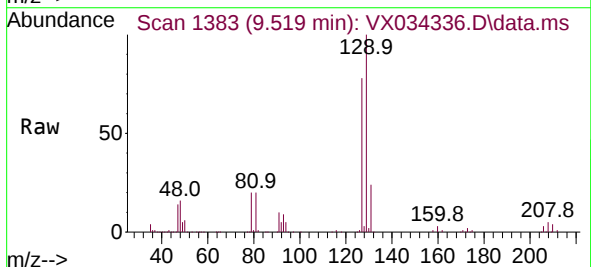
Acq: 06 Mar 2023 09:45

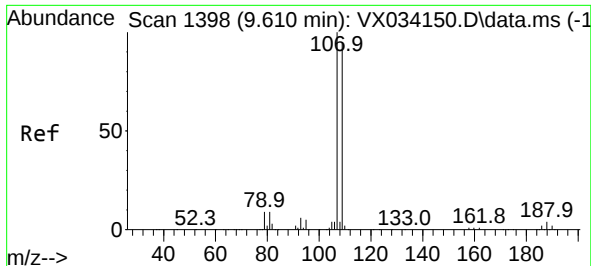
Tgt Ion:129 Resp: 207763

Ion Ratio Lower Upper

129 100

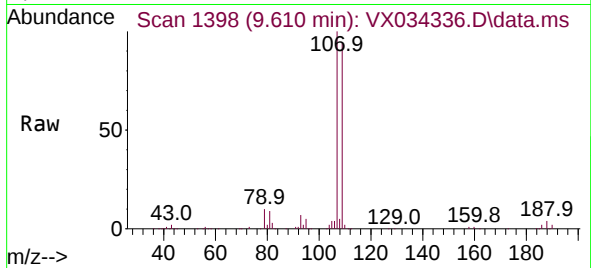
127 79.0 38.8 116.3





#61
1,2-Dibromoethane
Concen: 49.804 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

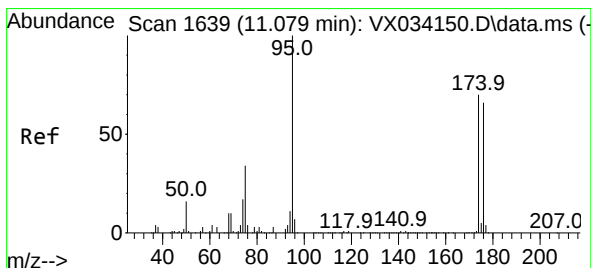
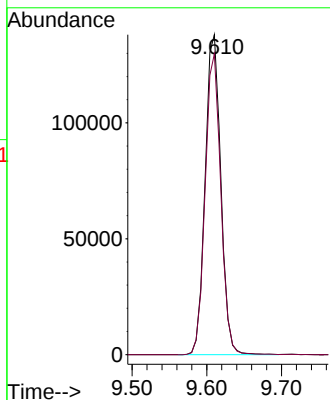
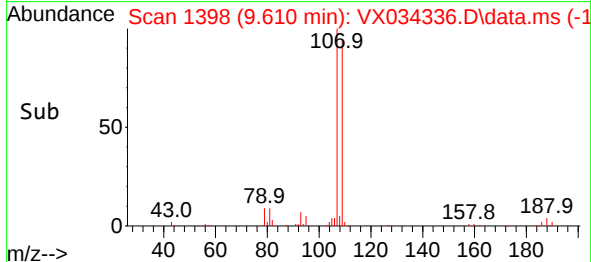
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



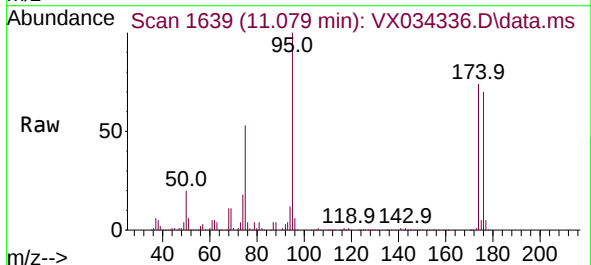
Tgt Ion:107 Resp: 200973
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.2

Manual Integrations
APPROVED

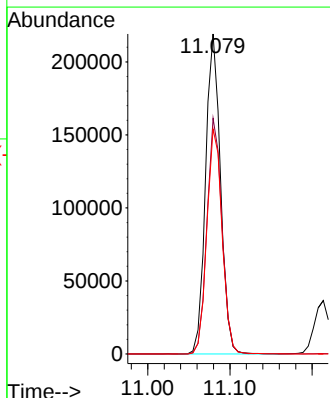
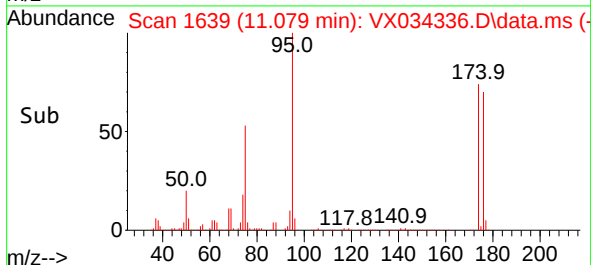
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

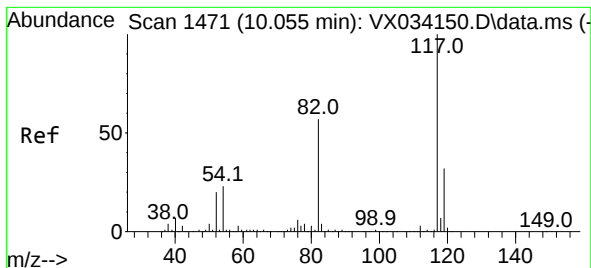


#62
4-Bromofluorobenzene
Concen: 56.384 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



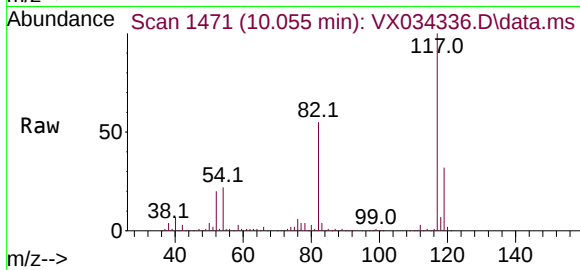
Tgt Ion: 95 Resp: 275632
Ion Ratio Lower Upper
95 100
174 74.2 0.0 184.4
176 71.8 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

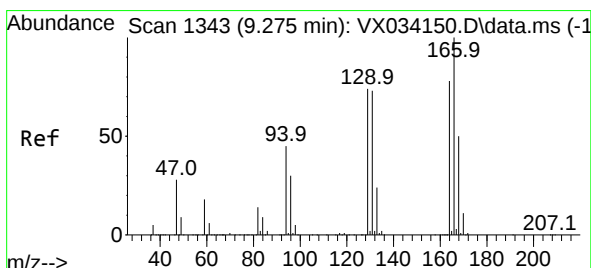
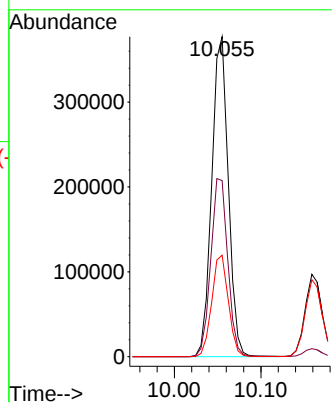
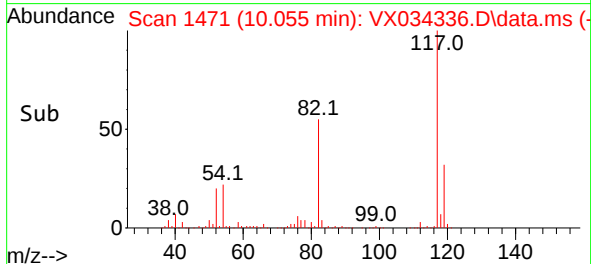
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 50045
Ion Ratio Lower Upper
117 100
82 55.1 40.6 60.8
119 31.7 25.6 38.4

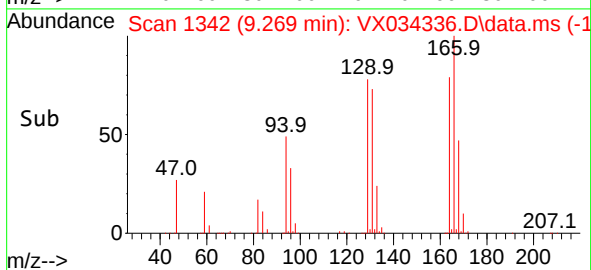
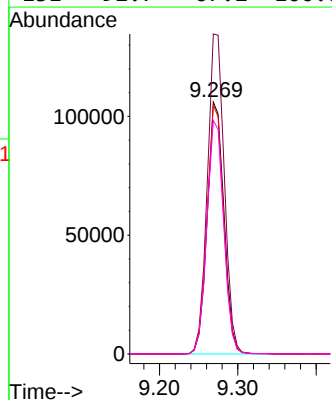
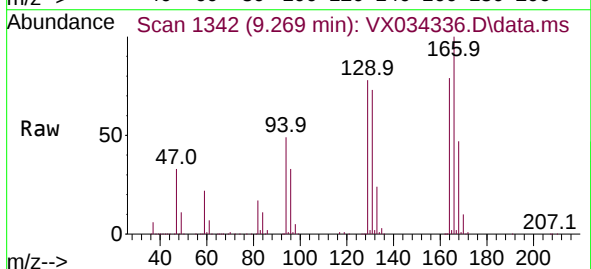
Manual Integrations
APPROVED

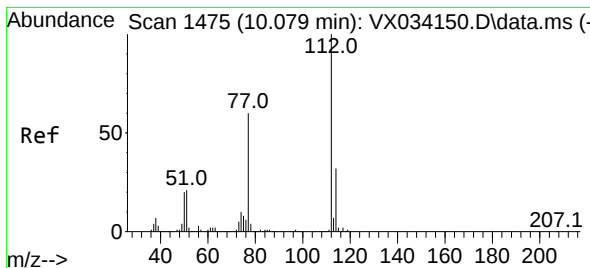
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#64
Tetrachloroethene
Concen: 44.337 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

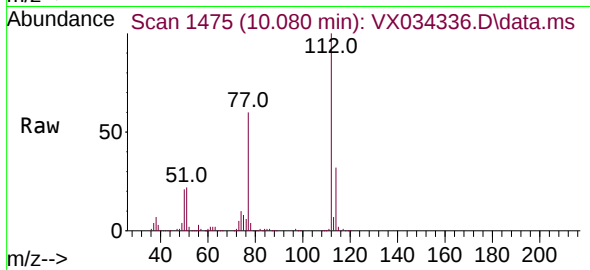
Tgt Ion:164 Resp: 156605
Ion Ratio Lower Upper
164 100
166 127.0 100.2 150.2
129 98.8 69.2 103.8
131 92.7 67.2 100.8





#65
Chlorobenzene
Concen: 46.956 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

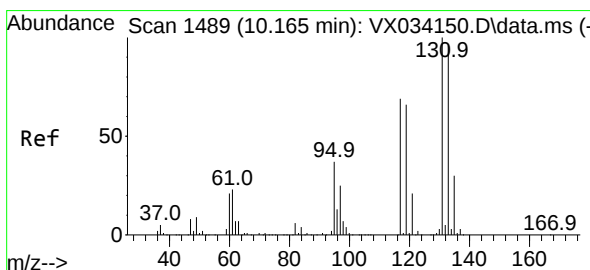
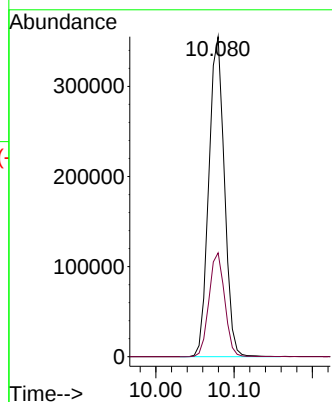
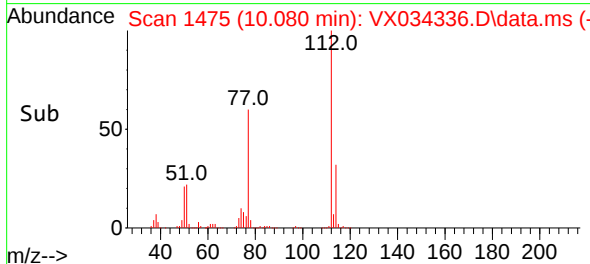
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



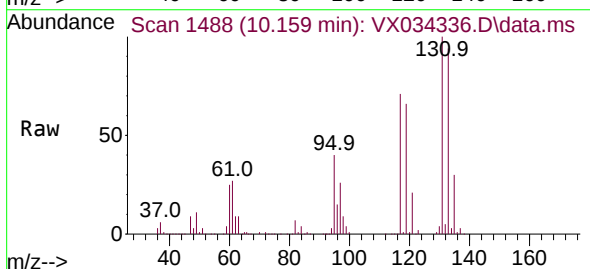
Tgt Ion:112 Resp: 48984
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4

Manual Integrations
APPROVED

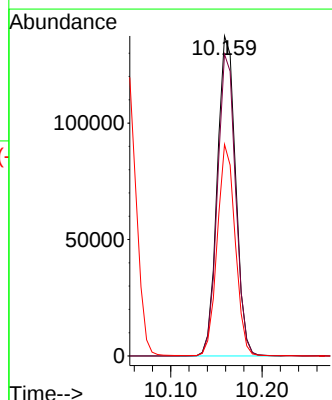
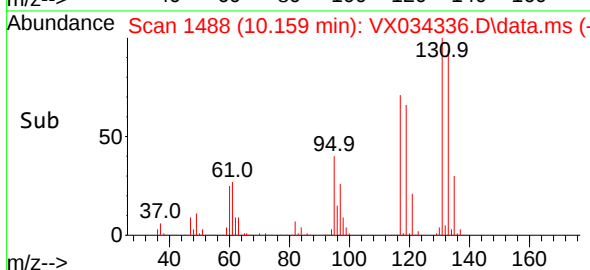
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

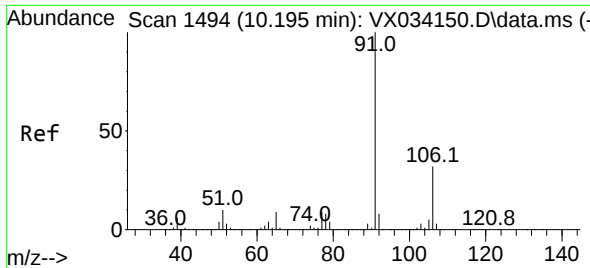


#66
1,1,1,2-Tetrachloroethane
Concen: 47.469 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



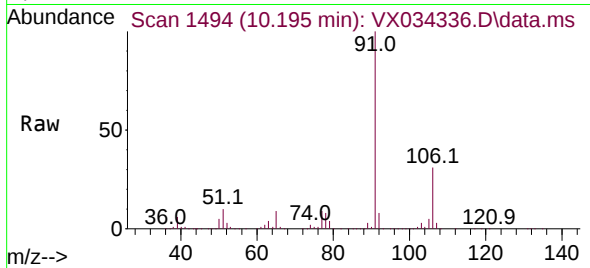
Tgt Ion:131 Resp: 191705
Ion Ratio Lower Upper
131 100
133 93.5 48.4 145.0
119 64.4 31.9 95.7





#67
Ethyl Benzene
Concen: 47.879 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

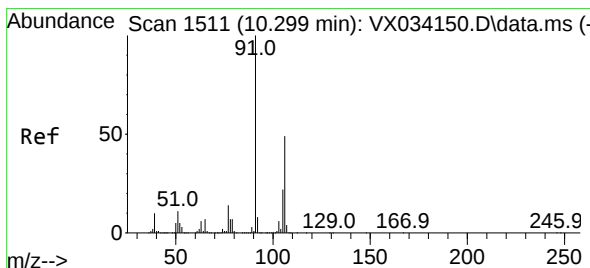
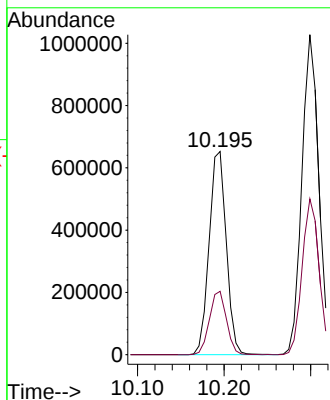
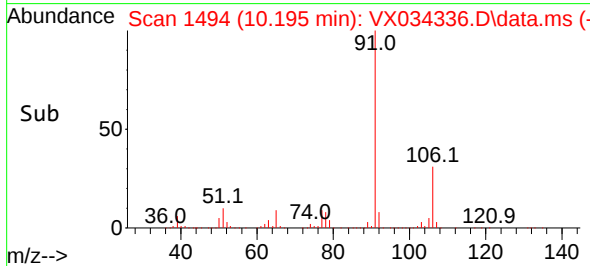
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



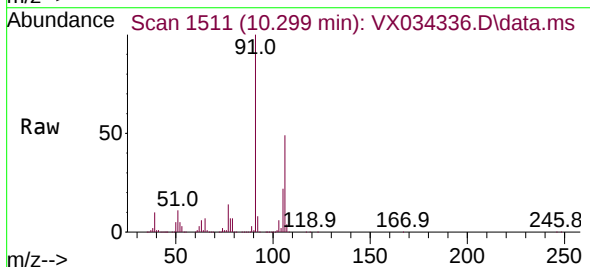
Tgt Ion: 91 Resp: 897338
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8

Manual Integrations
APPROVED

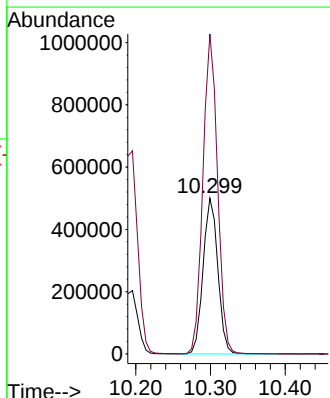
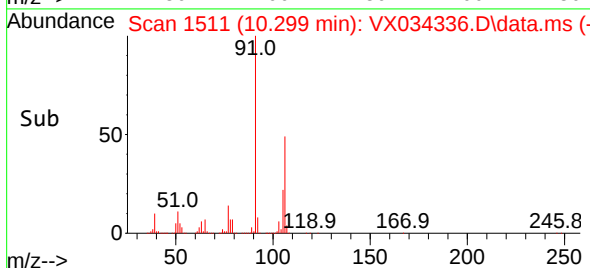
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

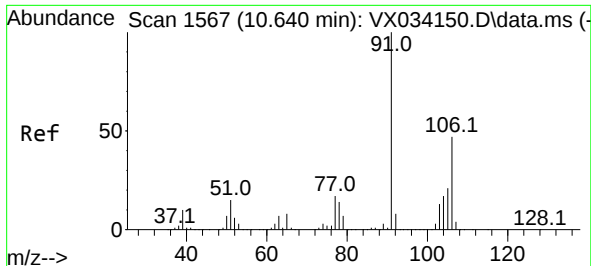


#68
m/p-Xylenes
Concen: 95.182 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



Tgt Ion:106 Resp: 682660
Ion Ratio Lower Upper
106 100
91 203.8 156.4 234.6





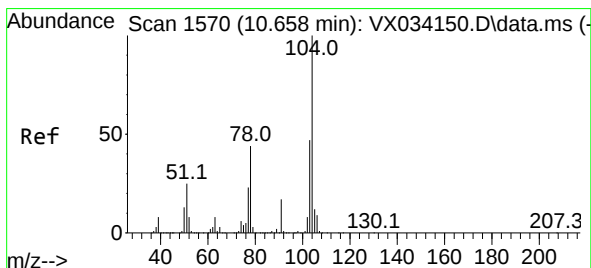
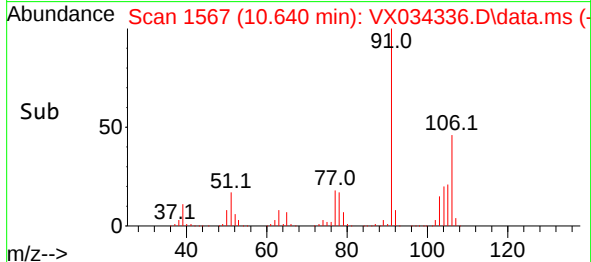
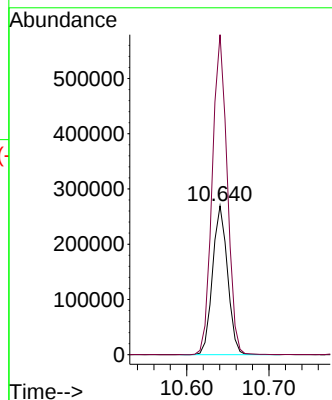
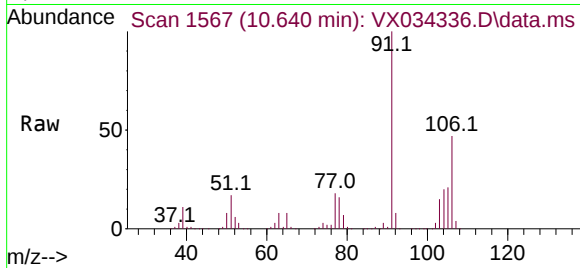
#69
o-Xylene
Concen: 47.624 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 340040
Ion Ratio Lower Upper
106 100
91 214.9 103.1 309.3

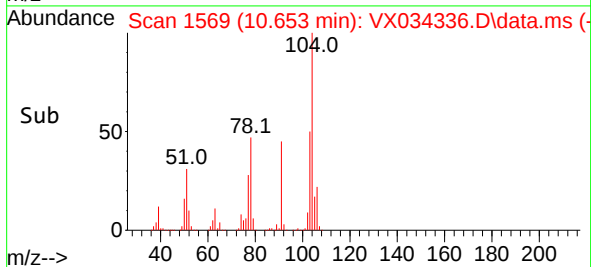
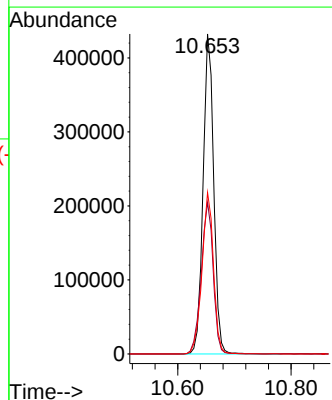
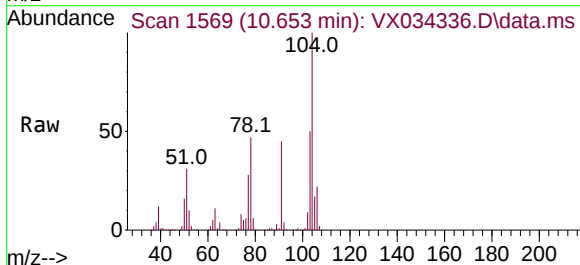
Manual Integrations
APPROVED

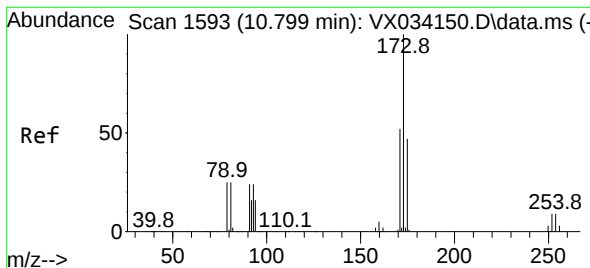
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#70
Styrene
Concen: 48.486 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Tgt Ion:104 Resp: 563054
Ion Ratio Lower Upper
104 100
78 53.2 37.5 56.3
103 54.7 43.3 64.9





#71

Bromoform

Concen: 47.355 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 15610

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.3

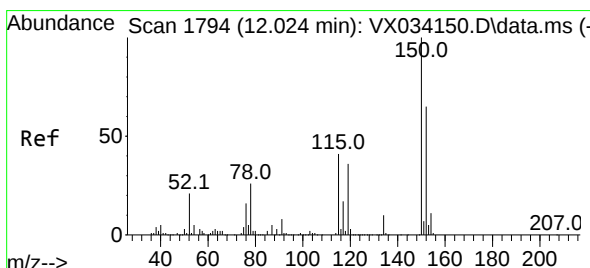
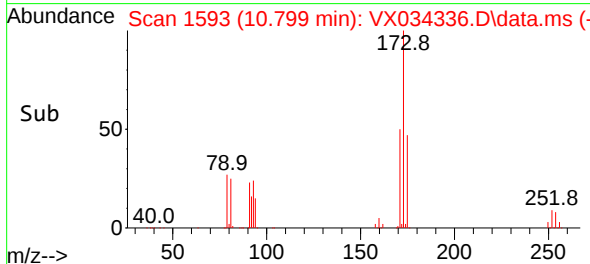
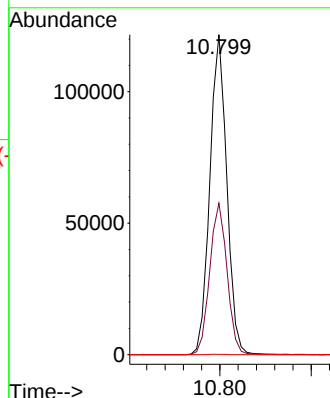
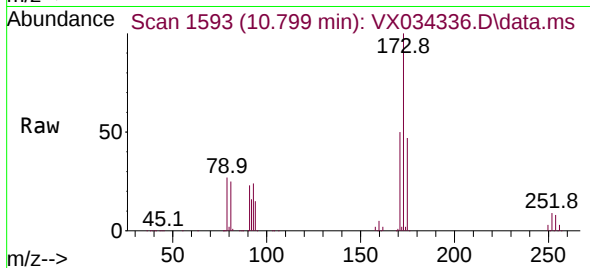
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

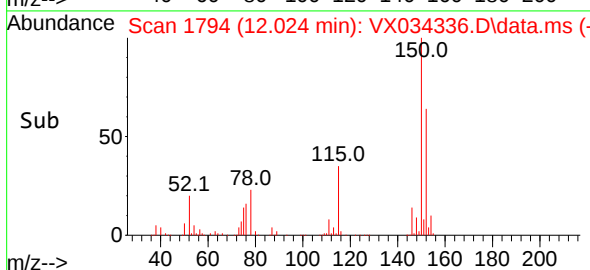
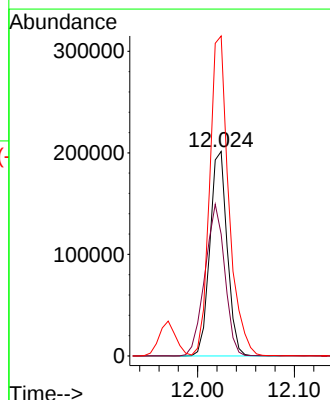
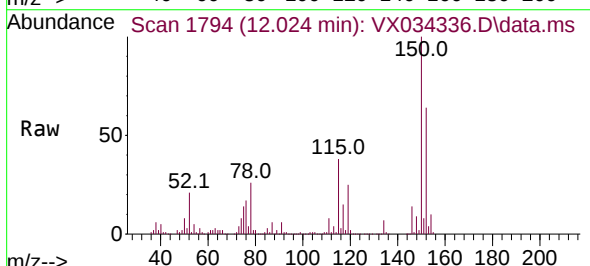
Tgt Ion:152 Resp: 249816

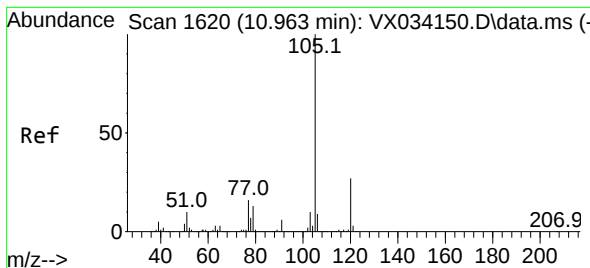
Ion Ratio Lower Upper

152 100

115 85.0 38.7 116.1

150 173.2 0.0 348.2





#73

Isopropylbenzene

Concen: 46.521 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 885718

Ion Ratio Lower Upper

105 100

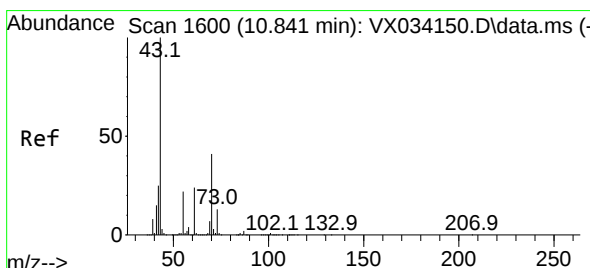
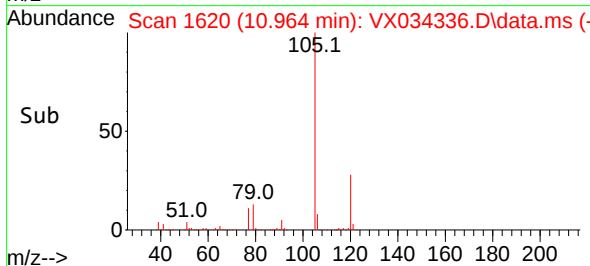
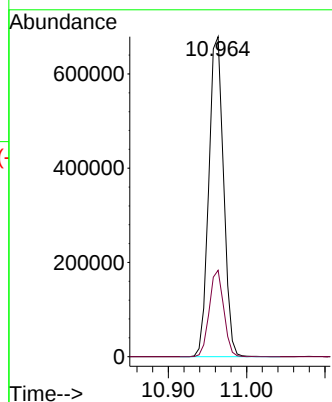
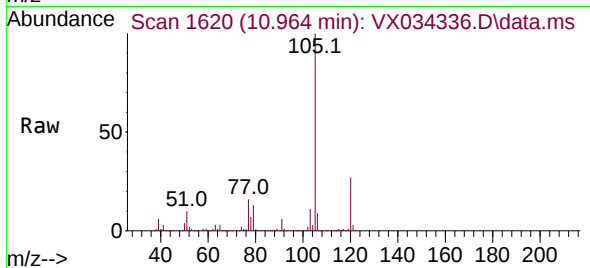
120 26.4 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#74

N-ethyl acetate

Concen: 46.395 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Tgt Ion: 43 Resp: 443770

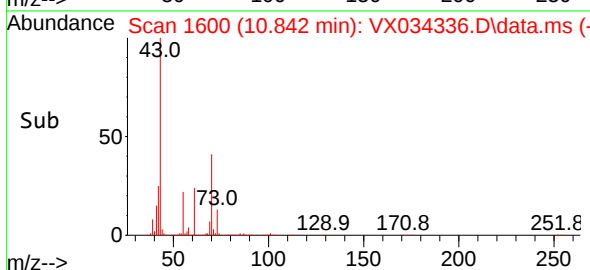
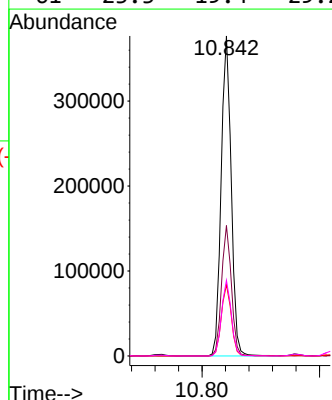
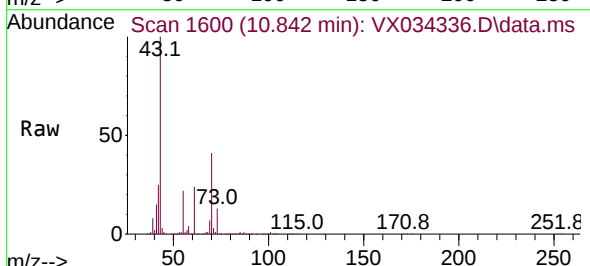
Ion Ratio Lower Upper

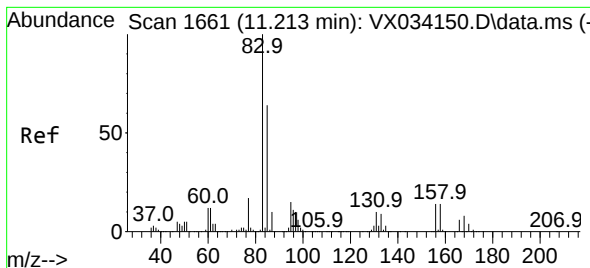
43 100

70 39.9 34.8 52.2

55 22.2 19.4 29.0

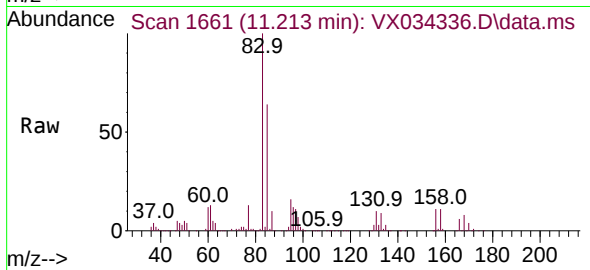
61 23.3 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.259 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

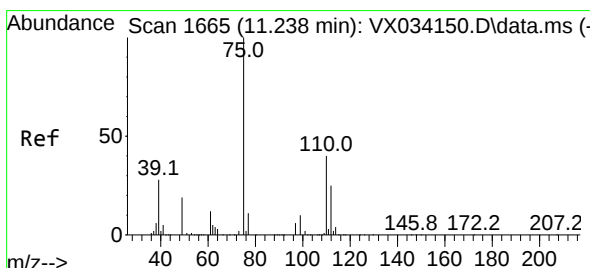
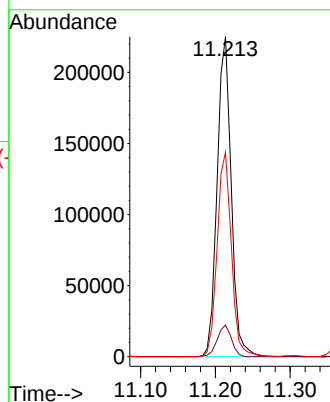
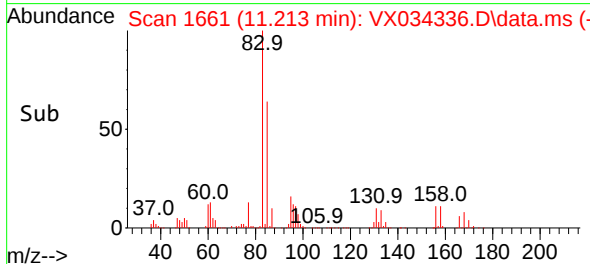
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



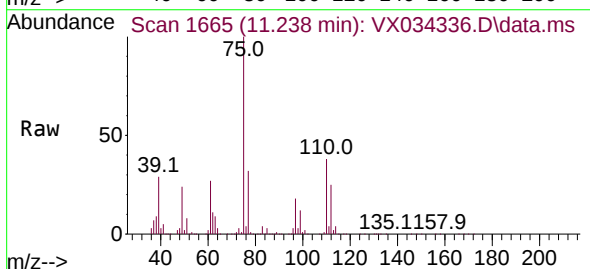
Tgt Ion: 83 Resp: 294724
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.7
85 64.5 32.3 96.9

Manual Integrations
APPROVED

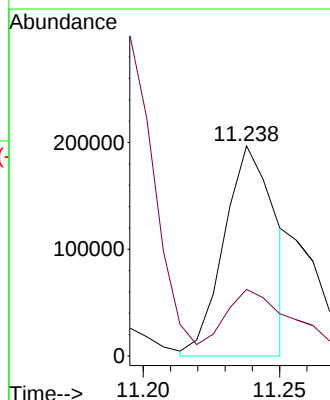
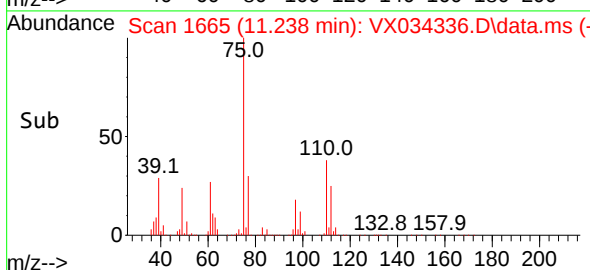
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

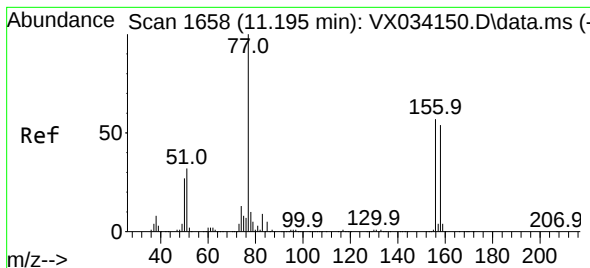


#76
1,2,3-Trichloropropane
Concen: 40.489 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



Tgt Ion: 75 Resp: 254516
Ion Ratio Lower Upper
75 100
77 43.7 21.8 65.4





#77

Bromobenzene

Concen: 46.437 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 212762

Ion Ratio Lower Upper

156 100

77 172.6 68.1 204.3

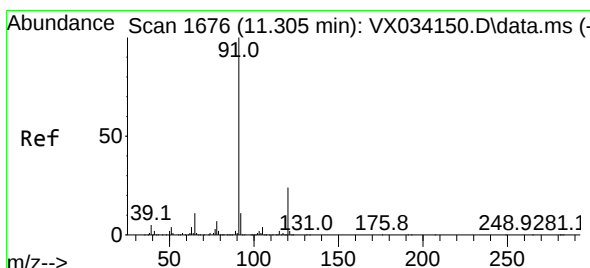
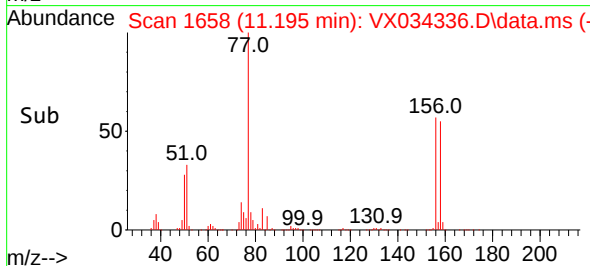
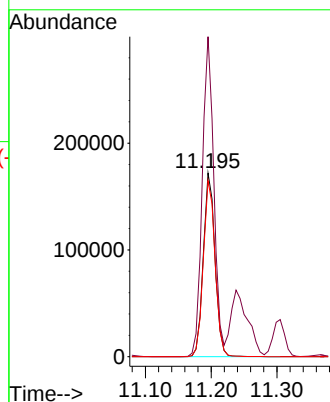
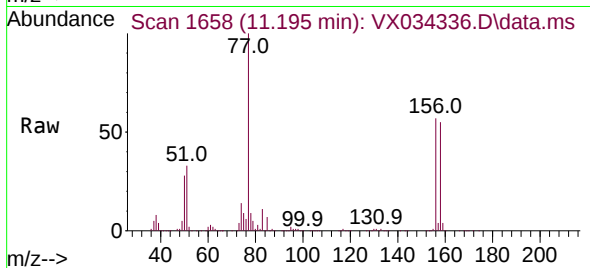
158 96.6 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#78

n-propylbenzene

Concen: 47.327 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034336.D

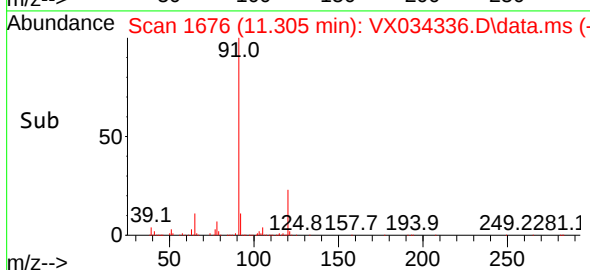
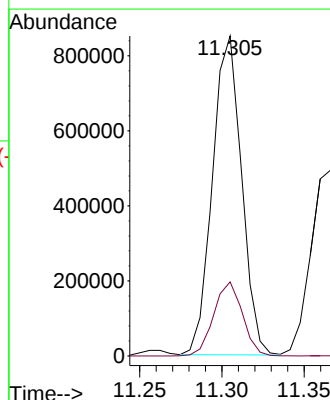
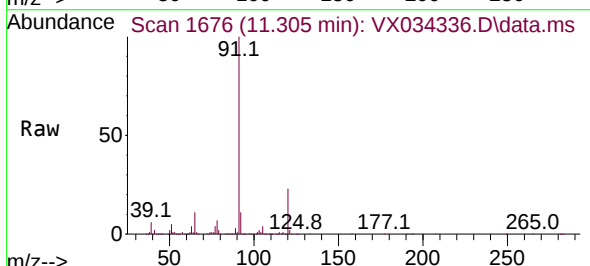
Acq: 06 Mar 2023 09:45

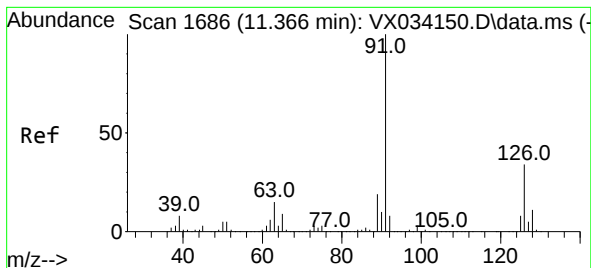
Tgt Ion: 91 Resp: 1047946

Ion Ratio Lower Upper

91 100

120 22.9 12.3 36.8





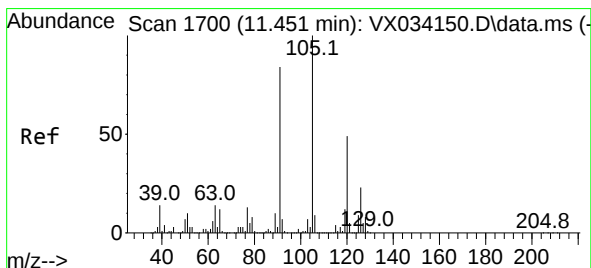
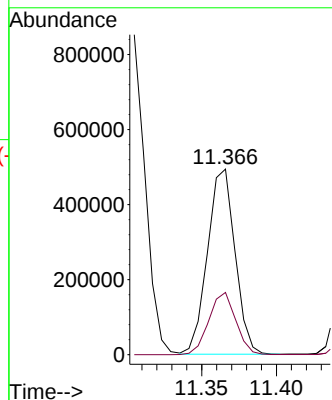
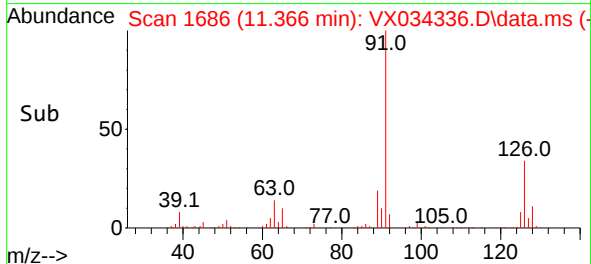
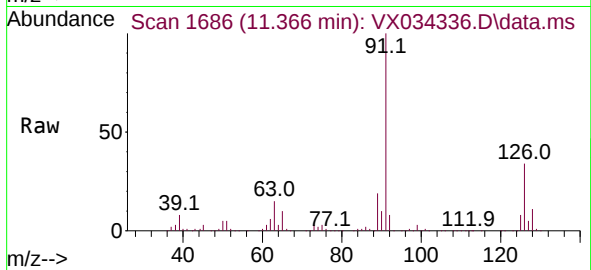
#79
2-Chlorotoluene
Concen: 46.602 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 63274
Ion Ratio Lower Upper
91 100
126 32.9 18.1 54.1

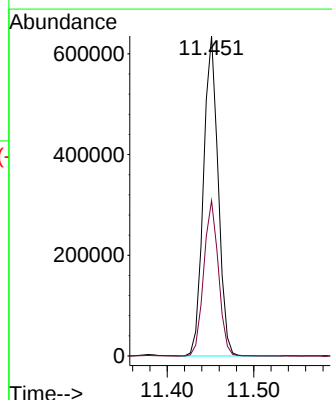
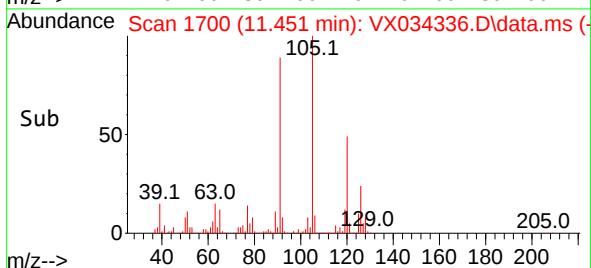
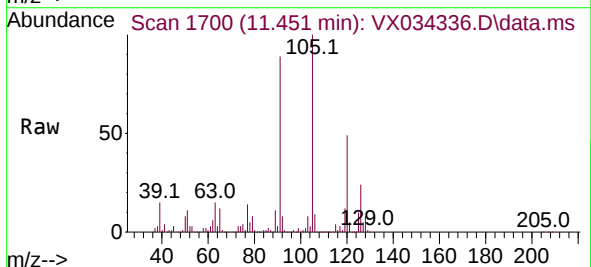
Manual Integrations
APPROVED

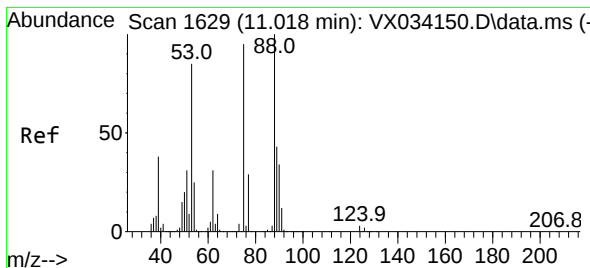
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.682 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

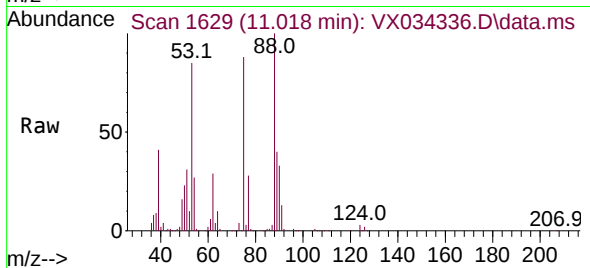
Tgt Ion:105 Resp: 747244
Ion Ratio Lower Upper
105 100
120 48.5 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.667 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

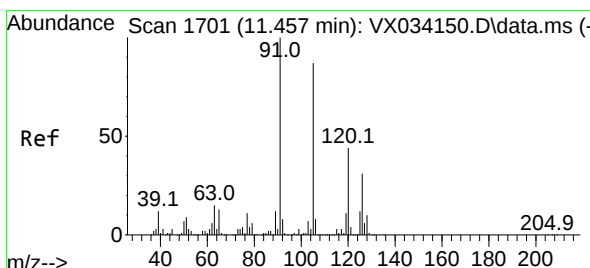
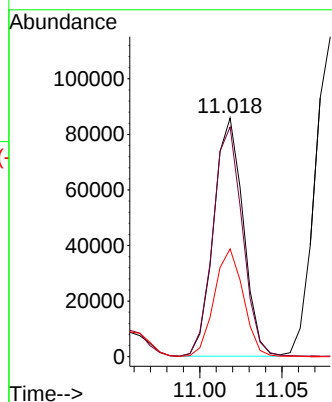
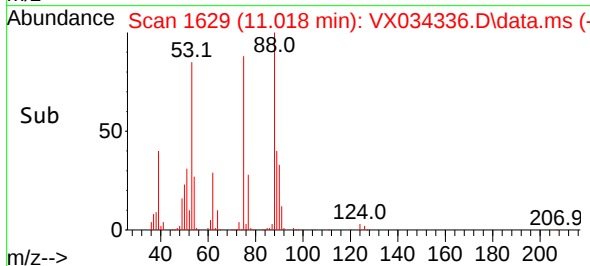
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 106852
Ion Ratio Lower Upper
75 100
53 96.4 83.0 124.6
89 44.6 37.7 56.5

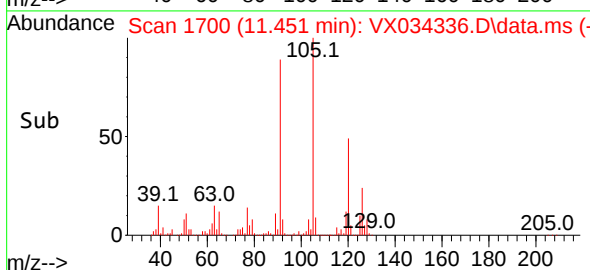
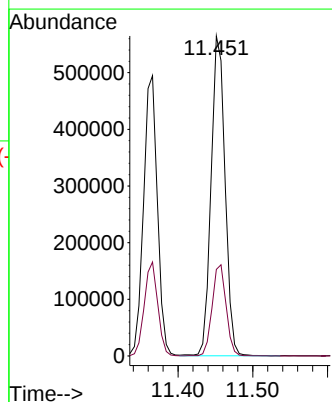
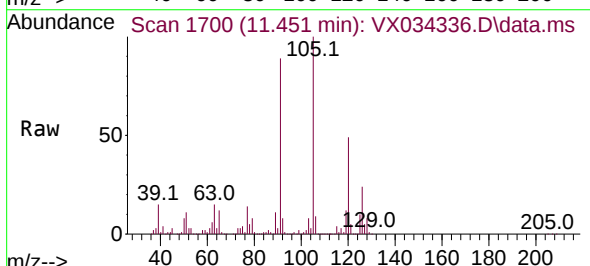
Manual Integrations
APPROVED

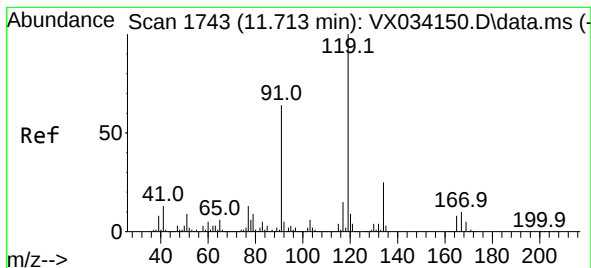
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#82
4-Chlorotoluene
Concen: 47.302 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

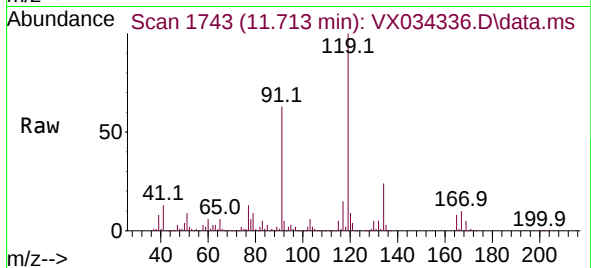
Tgt Ion: 91 Resp: 731503
Ion Ratio Lower Upper
91 100
126 28.5 15.8 47.4





#83
tert-Butylbenzene
Concen: 45.289 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

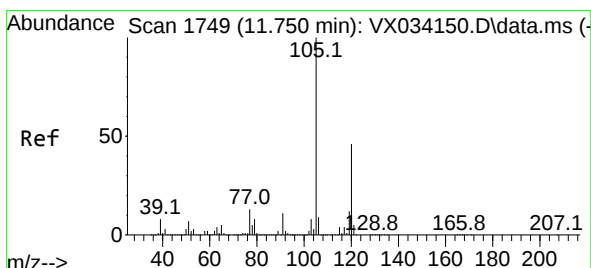
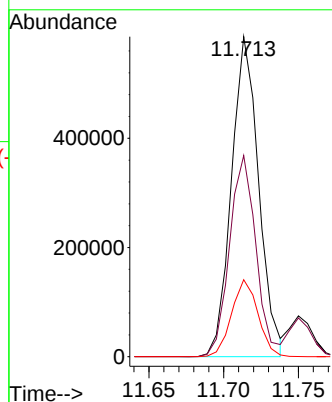
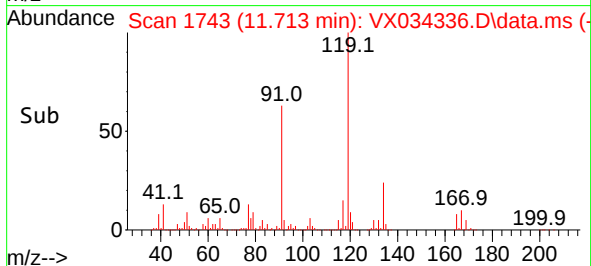
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



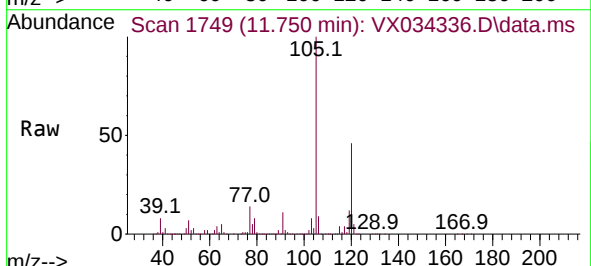
Tgt Ion:119 Resp: 742470
Ion Ratio Lower Upper
119 100
91 61.0 26.9 80.7
134 23.4 12.3 36.8

Manual Integrations
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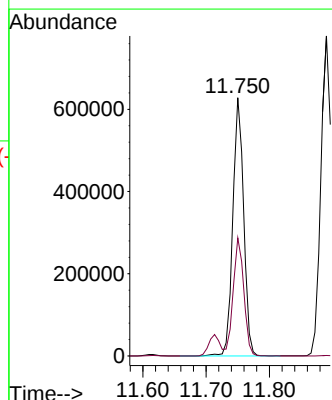
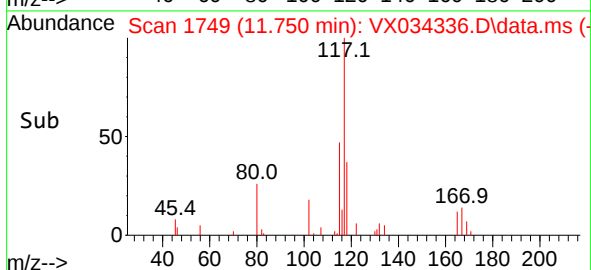
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

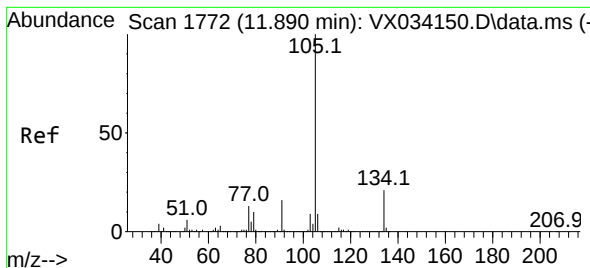


#84
1,2,4-Trimethylbenzene
Concen: 46.243 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



Tgt Ion:105 Resp: 748447
Ion Ratio Lower Upper
105 100
120 45.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 46.477 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 92529

Ion Ratio Lower Upper

105 100

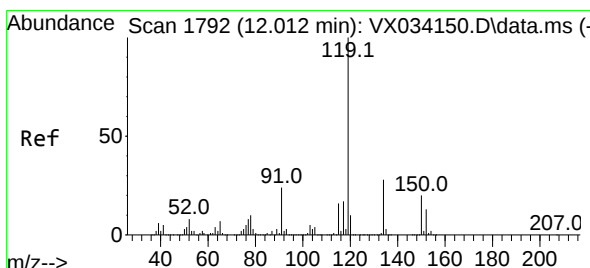
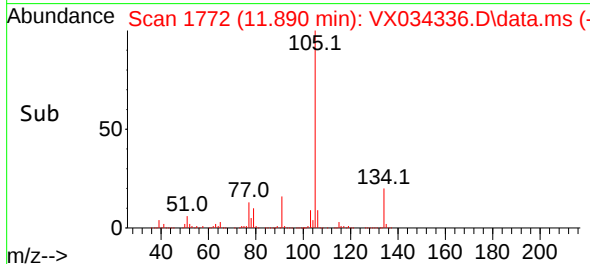
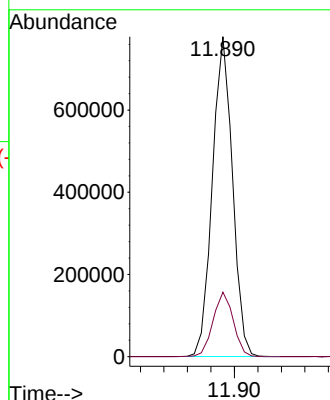
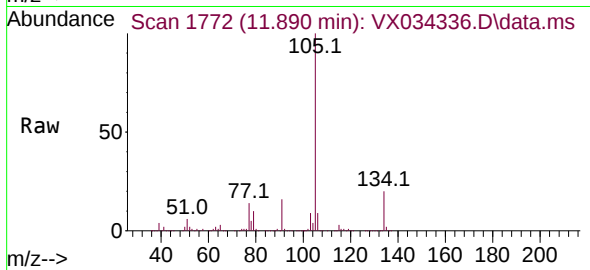
134 20.3 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#86

p-Isopropyltoluene

Concen: 47.481 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

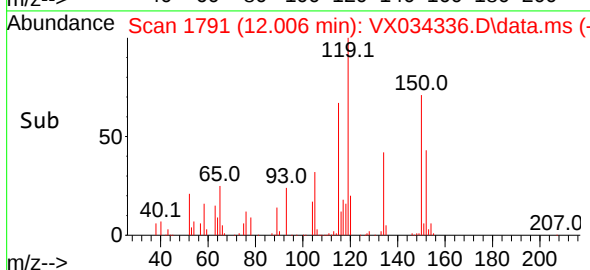
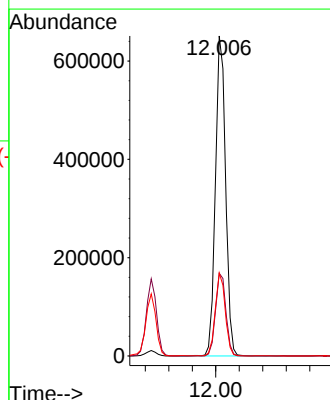
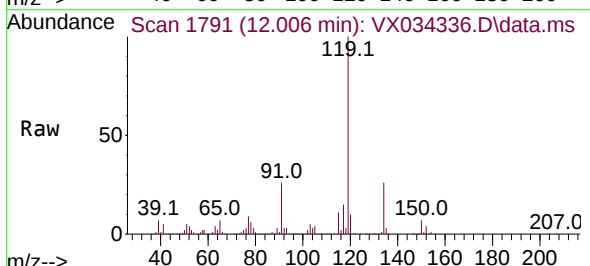
Tgt Ion:119 Resp: 782313

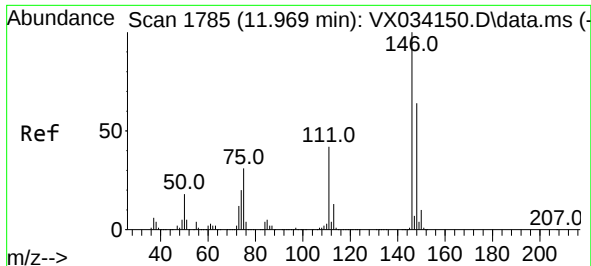
Ion Ratio Lower Upper

119 100

134 26.3 13.6 40.8

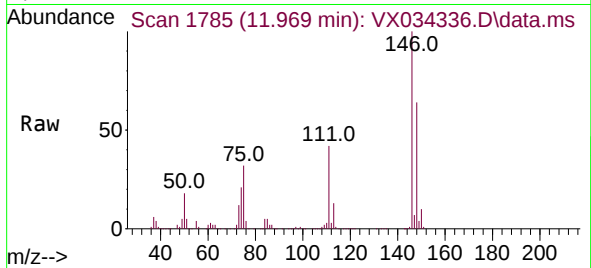
91 25.4 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 46.897 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

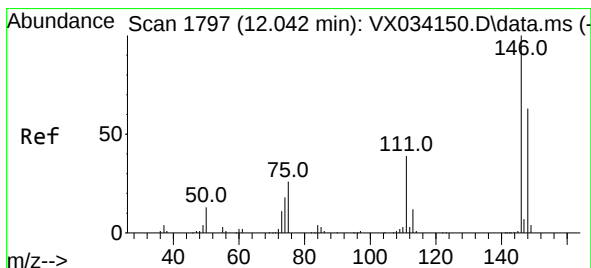
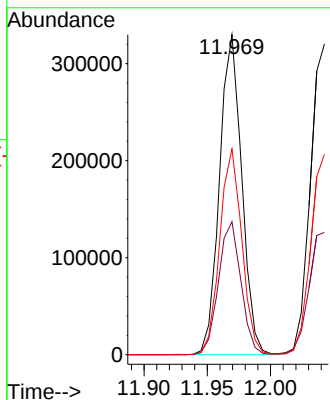
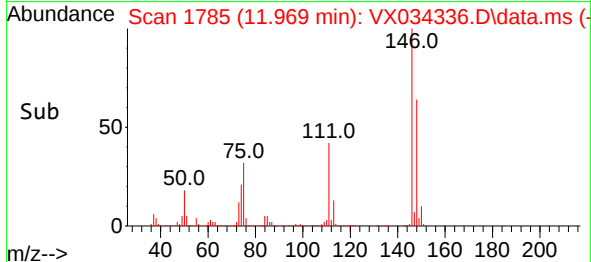
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



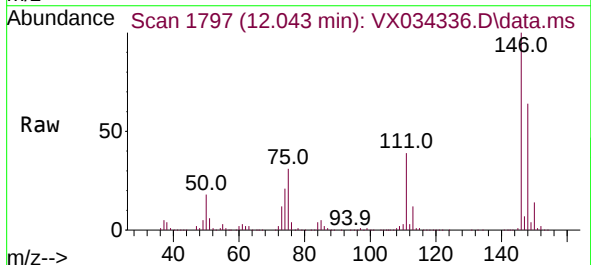
Tgt Ion:146 Resp: 40297
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 64.0 31.9 95.5

Manual Integrations
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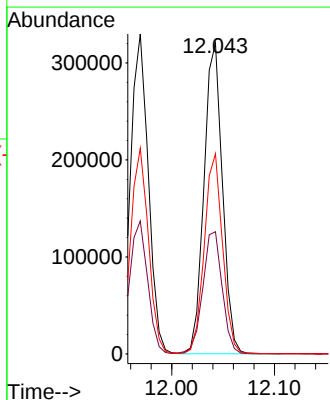
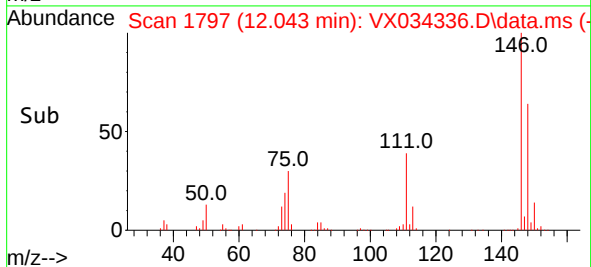
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

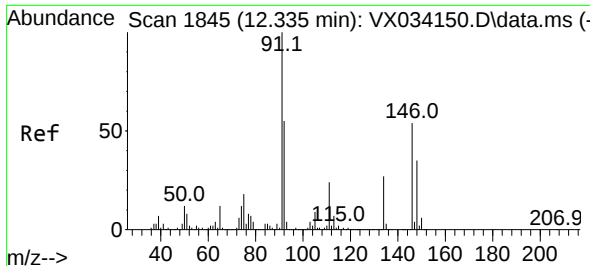


#88
1,4-Dichlorobenzene
Concen: 46.089 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45



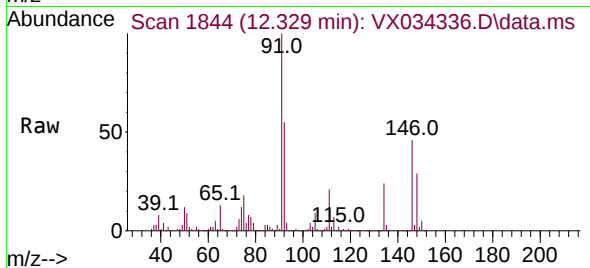
Tgt Ion:146 Resp: 399453
Ion Ratio Lower Upper
146 100
111 41.5 17.8 53.4
148 64.2 32.1 96.3





#89
n-Butylbenzene
Concen: 47.369 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

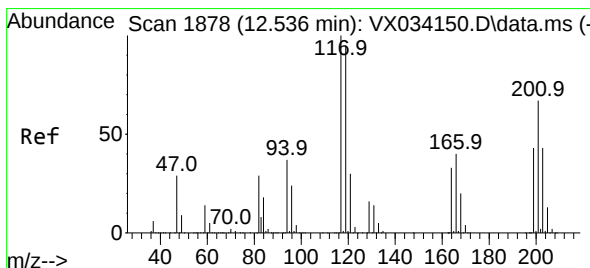
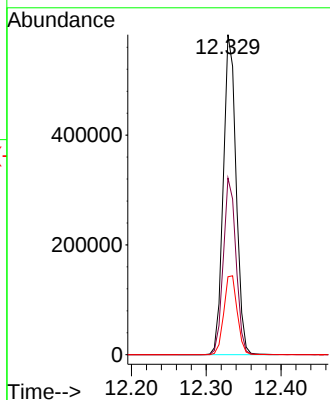
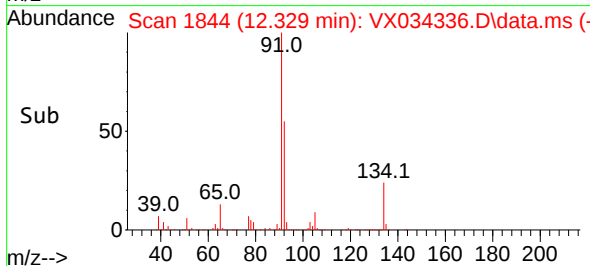
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 69513
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 25.9 14.3 42.9

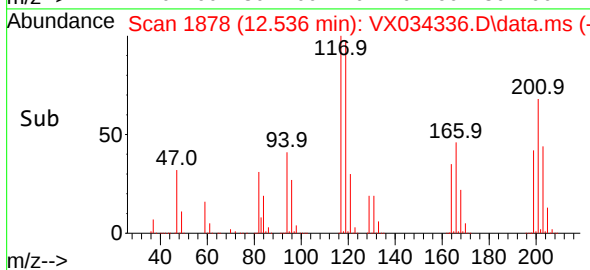
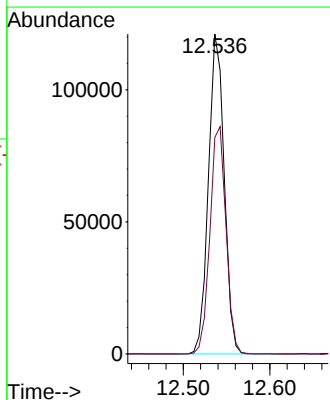
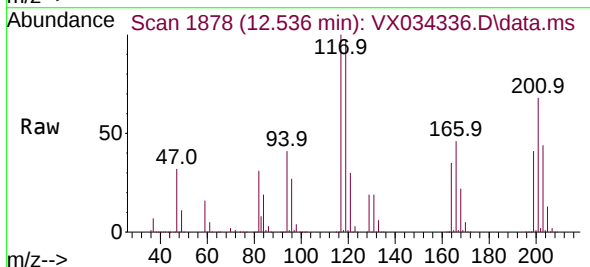
Manual Integrations
APPROVED

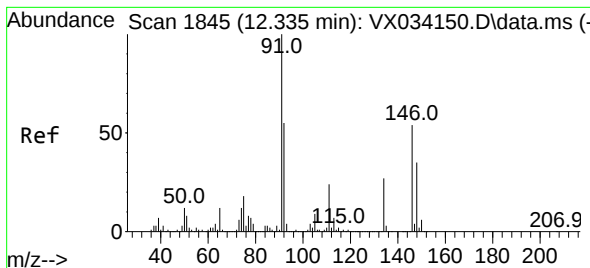
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#90
Hexachloroethane
Concen: 44.441 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

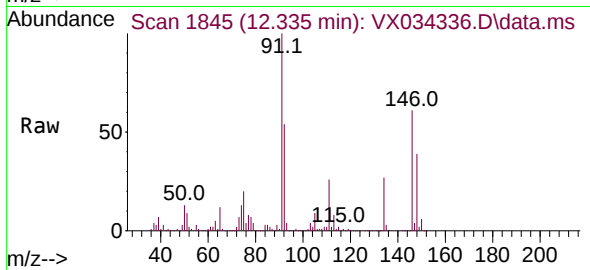
Tgt Ion:117 Resp: 153097
Ion Ratio Lower Upper
117 100
201 72.2 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 46.885 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

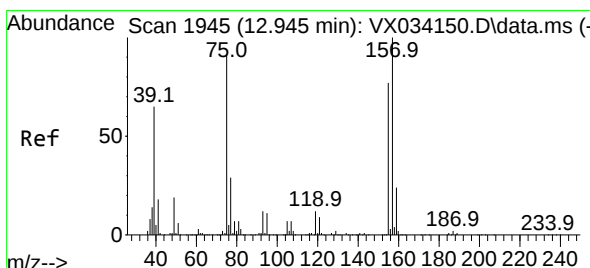
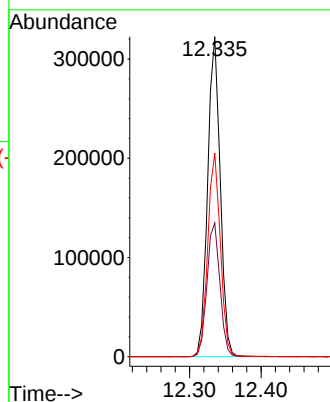
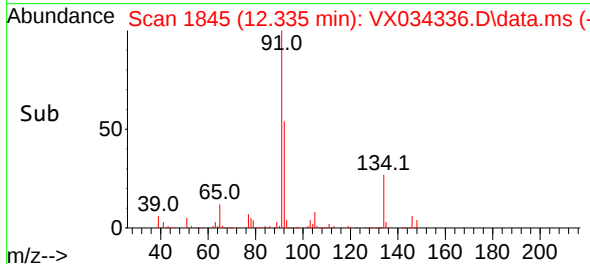
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 394174
Ion Ratio Lower Upper
146 100
111 43.2 19.3 57.8
148 63.9 32.3 96.9

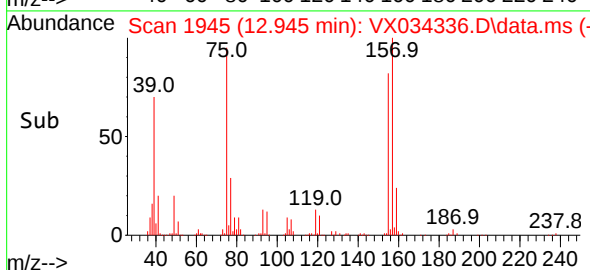
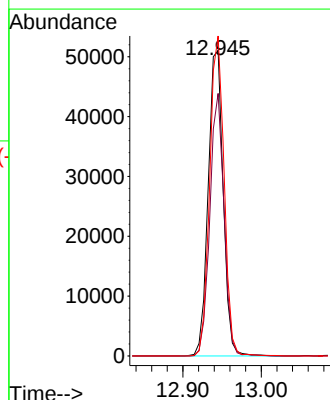
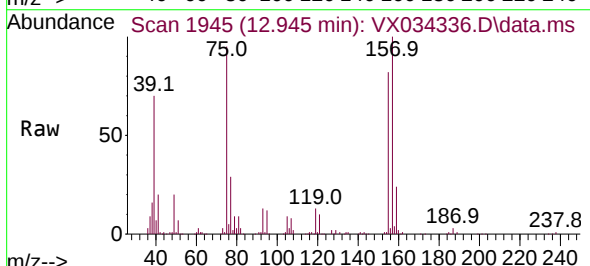
Manual Integrations
APPROVED

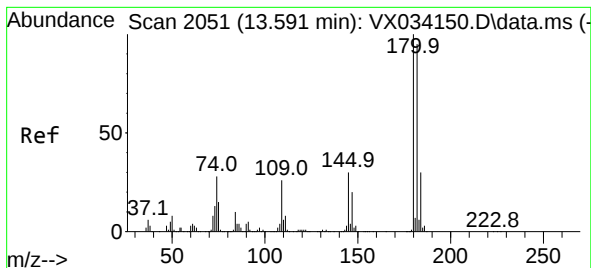
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.580 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034336.D
Acq: 06 Mar 2023 09:45

Tgt Ion: 75 Resp: 67674
Ion Ratio Lower Upper
75 100
155 81.2 51.7 155.1
157 100.7 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 46.158 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 249140

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

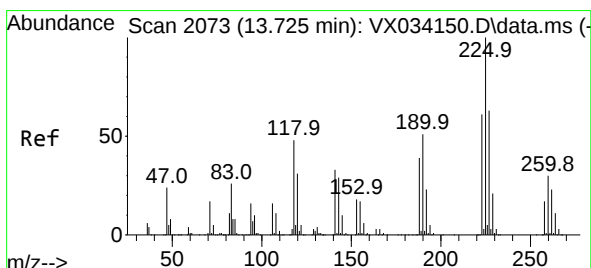
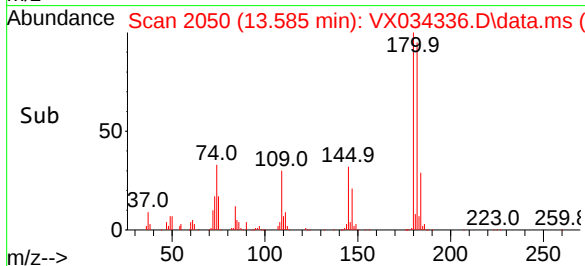
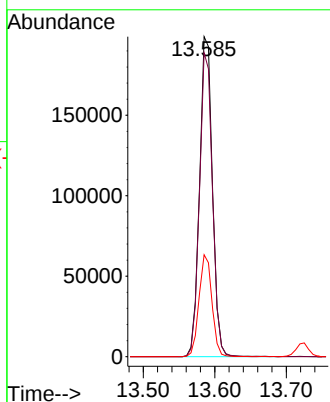
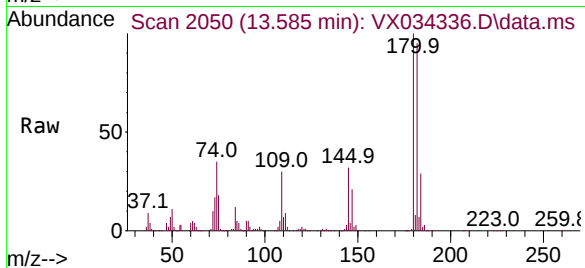
145 31.9 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#94

Hexachlorobutadiene

Concen: 44.669 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

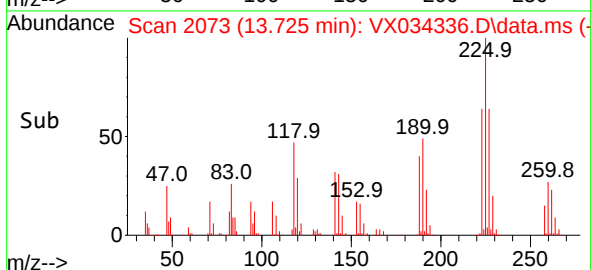
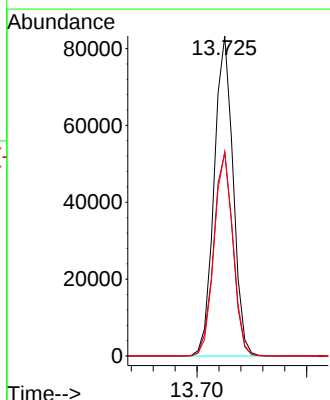
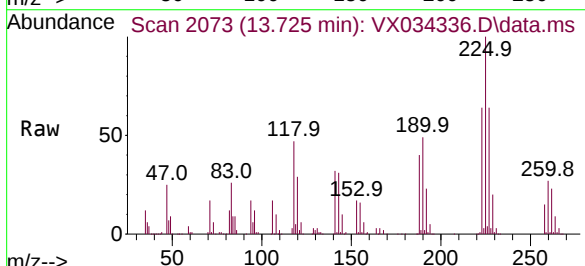
Tgt Ion:225 Resp: 99950

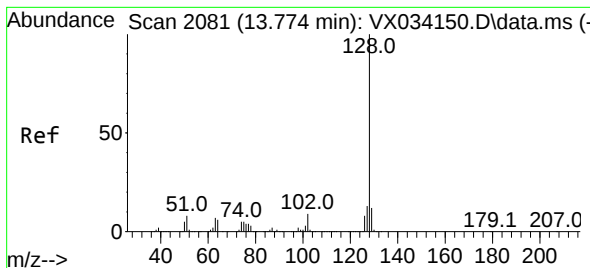
Ion Ratio Lower Upper

225 100

223 64.0 31.3 93.9

227 63.5 32.3 96.9





#95

Naphthalene

Concen: 45.335 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 82432

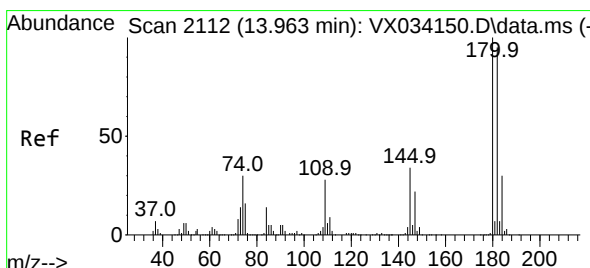
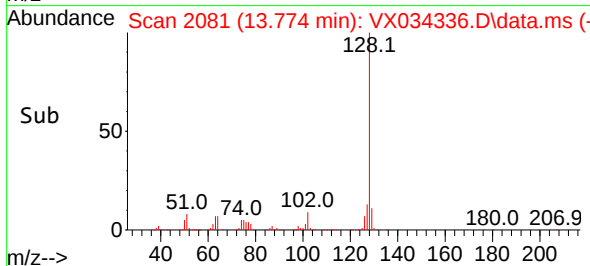
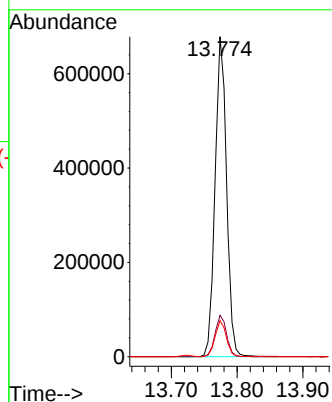
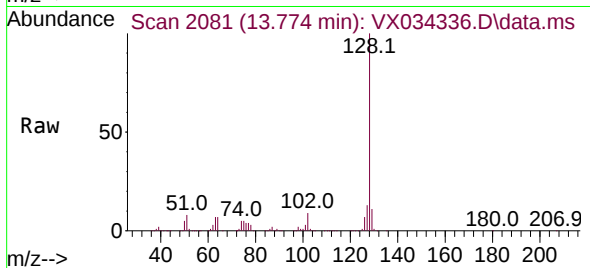
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 45.202 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034336.D

Acq: 06 Mar 2023 09:45

Tgt Ion:180 Resp: 242220

Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.6	142.9
145	34.5	15.1	45.3

