

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112123\
 Data File : VW033050.D
 Acq On : 21 Nov 2023 15:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 04:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	338842	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	339150	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	207816	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76773	43.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.660%
7) Chloroethane-d5	1.532	69	59578	43.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.460%
11) 1,1-Dichloroethene-d2	2.060	65	32021	44.172	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.340%
21) 2-Butanone-d5	3.777	46	100147	88.847	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.850%
24) Chloroform-d	4.246	84	209446	47.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.940%
26) 1,2-Dichloroethane-d4	4.937	65	129498	47.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.100%
32) Benzene-d6	4.957	84	381619	48.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	5.985	67	109689	48.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	7.239	98	369179	48.966	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
43) trans-1,3-Dichloroprop...	7.548	79	63163	48.309	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.620%
47) 2-Hexanone-d5	8.021	63	84443	91.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.120%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	153113	44.913	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.820%
66) 1,2-Dichlorobenzene-d4	11.561	152	178211	48.089	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	171042	46.723	ug/L	97
3) Chloromethane	1.214	50	120236	44.011	ug/L	99
5) Vinyl chloride	1.285	62	111134	43.853	ug/L	98
6) Bromomethane	1.484	94	72199	43.114	ug/L	97
8) Chloroethane	1.548	64	60120	42.890	ug/L	99
9) Trichlorofluoromethane	1.712	101	187427	45.683	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	92097	45.524	ug/L	97
12) 1,1-Dichloroethene	2.069	96	84947	45.477	ug/L	97
13) Acetone	2.105	43	81249	73.670	ug/L	98
14) Carbon disulfide	2.240	76	281478	45.309	ug/L	99
15) Methyl Acetate	2.368	43	79572	41.155	ug/L	99
16) Methylene chloride	2.445	84	118514	44.783	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	112483	47.054	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	346519	46.210	ug/L	99
19) 1,1-Dichloroethane	3.108	63	194005	45.432	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	123437	46.053	ug/L	97
22) 2-Butanone	3.857	43	113708	79.626	ug/L	100
23) Bromochloromethane	4.143	128	68025	46.143	ug/L	98
25) Chloroform	4.272	83	219933	45.760	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112123\
 Data File : VV033050.D
 Acq On : 21 Nov 2023 15:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 04:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

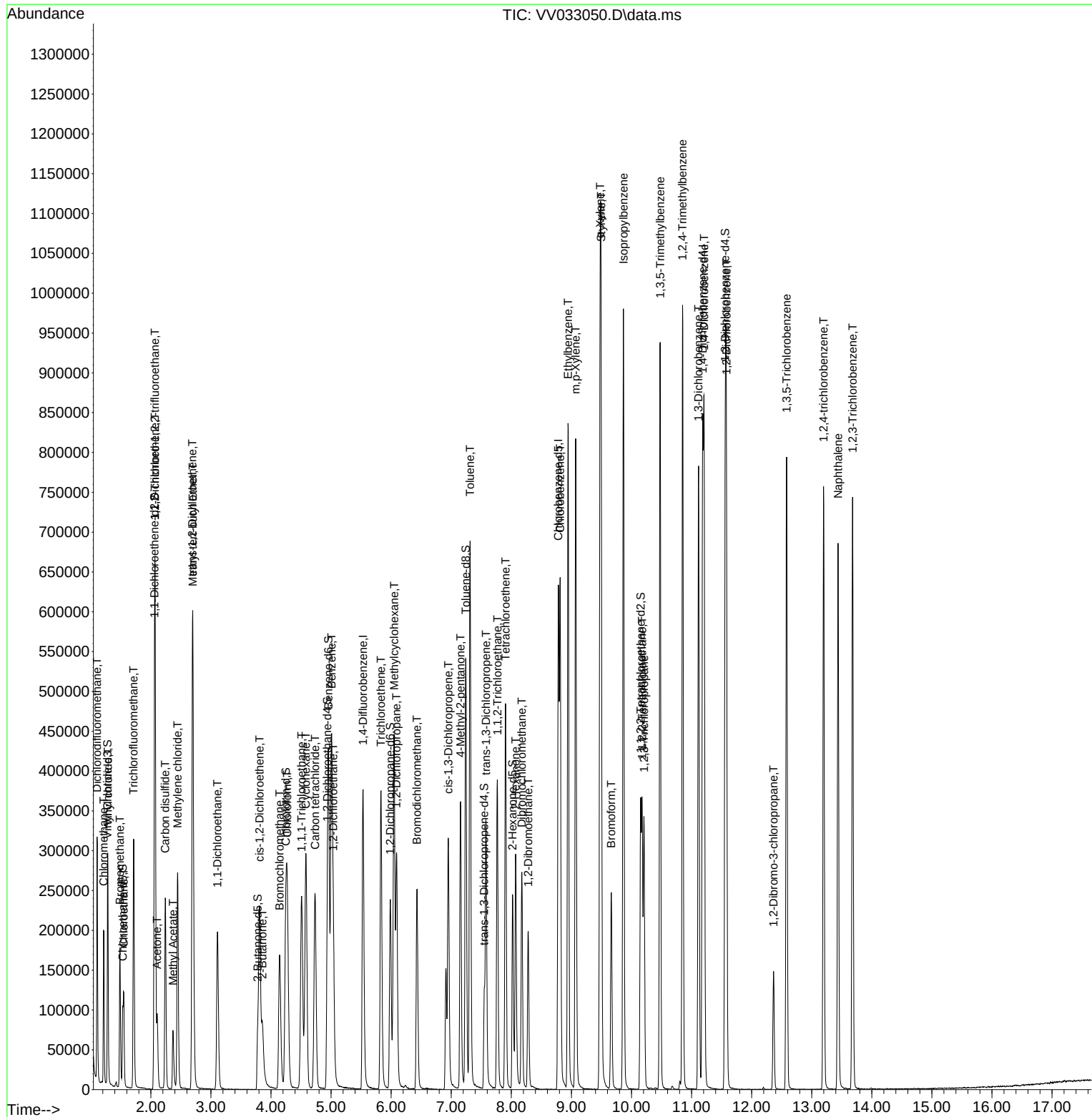
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	173044	46.152	ug/L	99
29) Cyclohexane	4.580	56	159510	48.747	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	208859	47.150	ug/L	98
31) Carbon tetrachloride	4.731	117	191536	46.399	ug/L	98
33) Benzene	5.008	78	453195	48.041	ug/L	100
34) Trichloroethene	5.828	95	128735	48.415	ug/L	98
35) Methylcyclohexane	6.050	83	193123	49.971	ug/L	99
37) 1,2-Dichloropropane	6.088	63	110502	47.723	ug/L	98
38) Bromodichloromethane	6.429	83	164937	45.846	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	191858	48.130	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	217034	85.692	ug/L	97
42) Toluene	7.313	91	508021	48.602	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	187091	46.707	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	118515	45.449	ug/L	99
46) Tetrachloroethene	7.905	164	113227	48.864	ug/L	96
48) 2-Hexanone	8.072	43	169521	84.603	ug/L	100
49) Dibromochloromethane	8.175	129	140347	46.698	ug/L	98
50) 1,2-Dibromoethane	8.281	107	126055	46.156	ug/L	98
51) Chlorobenzene	8.812	112	345287	46.551	ug/L	99
52) Ethylbenzene	8.944	91	579778	48.317	ug/L	99
53) m,p-Xylene	9.072	106	229343	48.647	ug/L	100
54) o-Xylene	9.477	106	219659	48.403	ug/L	98
55) Styrene	9.493	104	400842	49.515	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	158170	42.937	ug/L	98
59) Bromoform	9.664	173	109834	45.350	ug/L	100
60) Isopropylbenzene	9.866	105	620111	49.222	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	127251	42.446	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	500319	49.498	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	526418	49.714	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	319841	47.386	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	332079	46.286	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	311611	46.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	35005	40.137	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	248605	47.376	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	230847	48.003	ug/L	98
71) Naphthalene	13.438	128	549687	46.213	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	223476	47.930	ug/L	99

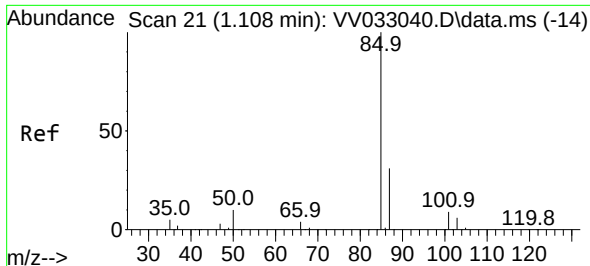
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112123\
 Data File : VV033050.D
 Acq On : 21 Nov 2023 15:43
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 04:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 22 03:48:12 2023
 Response via : Initial Calibration

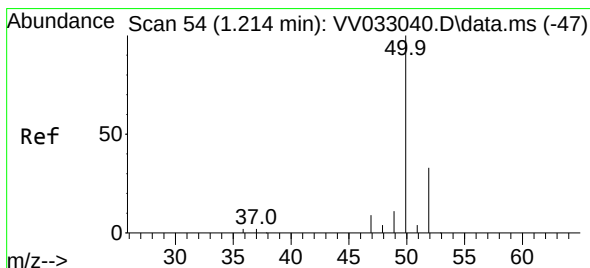
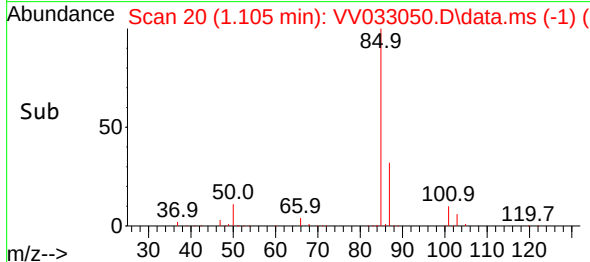
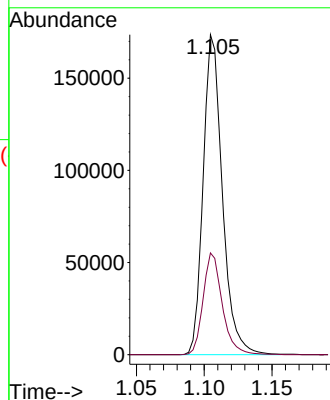
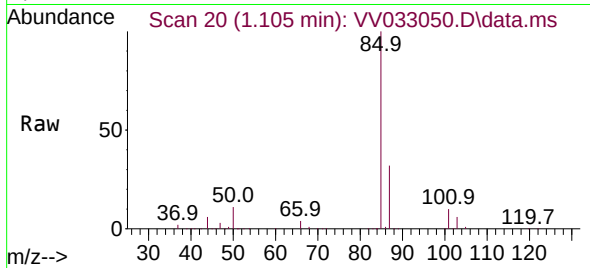




#2
 Dichlorodifluoromethane
 Concen: 46.723 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

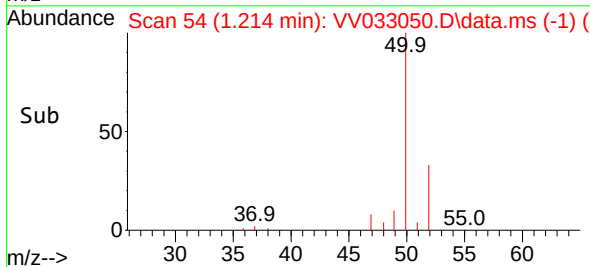
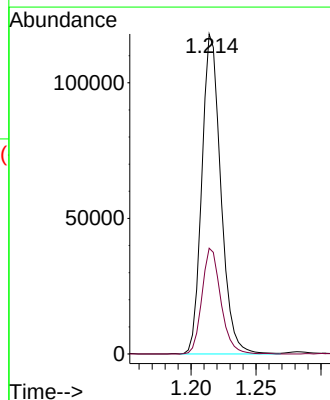
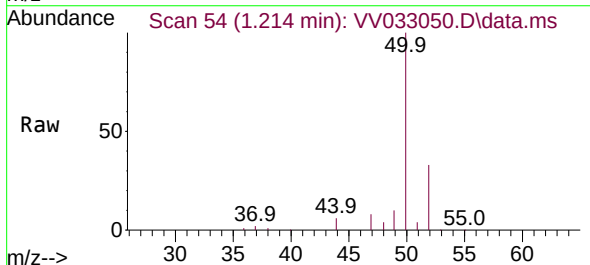
Instrument :
 MSVOA_V
 ClientSampleId :

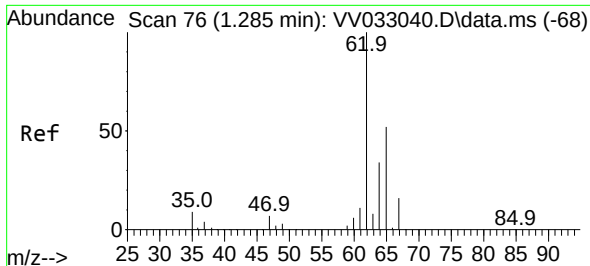
Tgt Ion: 85 Resp: 171042
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.8 40.2



#3
 Chloromethane
 Concen: 44.011 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

Tgt Ion: 50 Resp: 120236
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.3

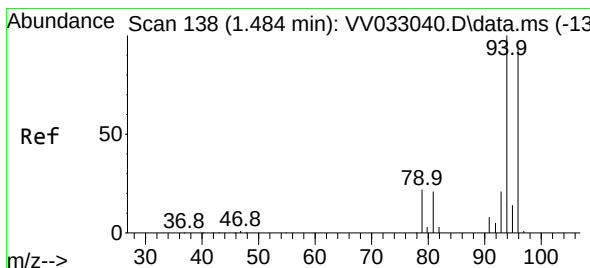
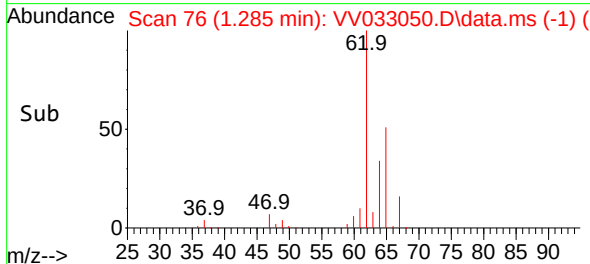
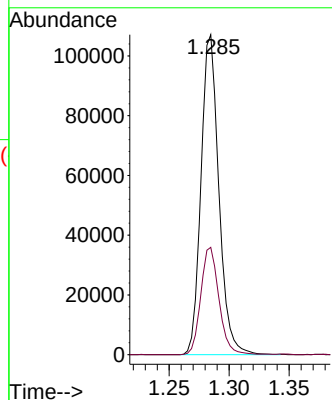
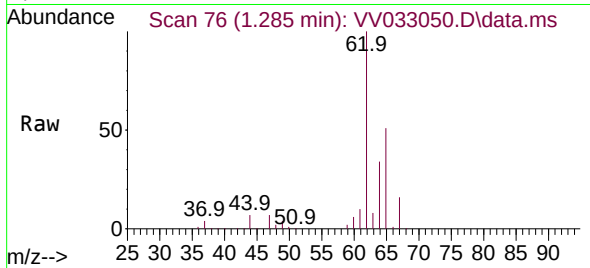




#5
 Vinyl chloride
 Concen: 43.853 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

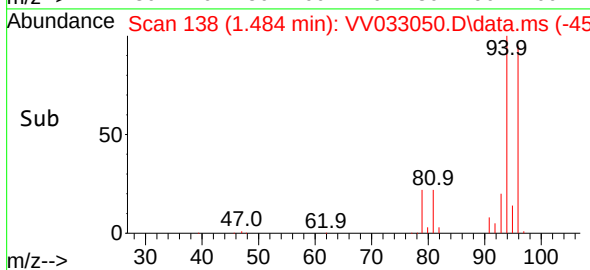
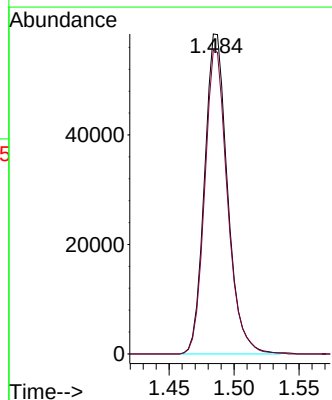
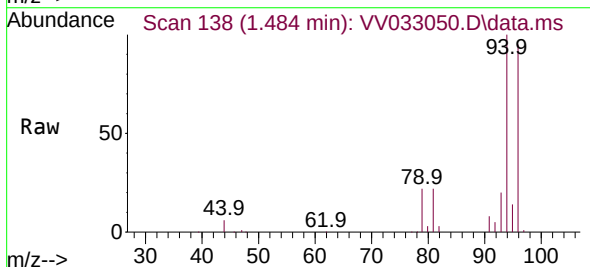
Instrument :
 MSVOA_V
 ClientSampleId :

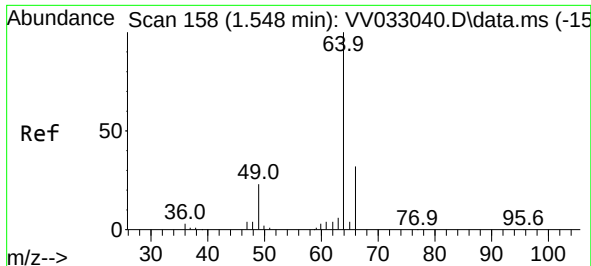
Tgt Ion: 62 Resp: 111134
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.1



#6
 Bromomethane
 Concen: 43.114 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

Tgt Ion: 94 Resp: 72199
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.4 119.6

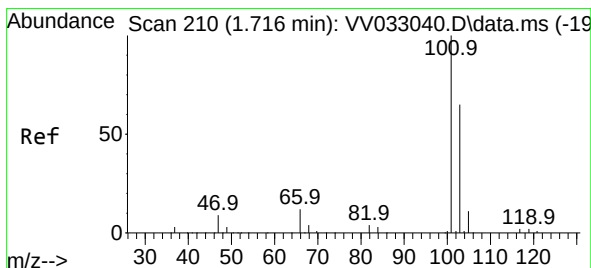
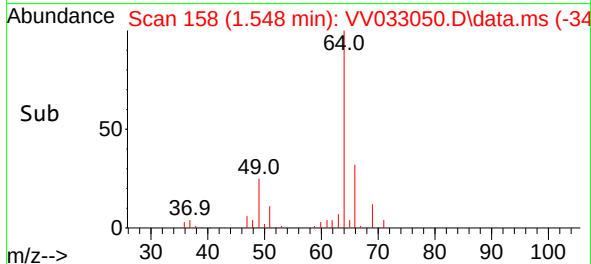
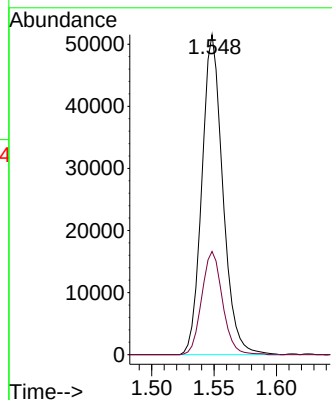
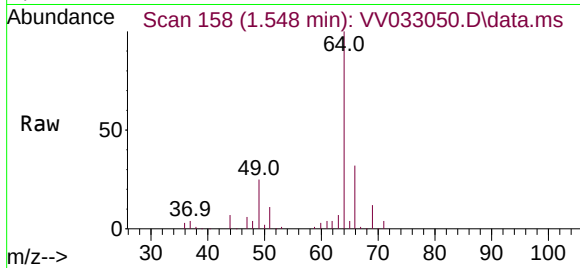




#8
Chloroethane
Concen: 42.890 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

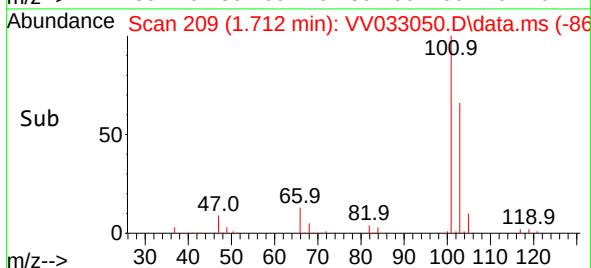
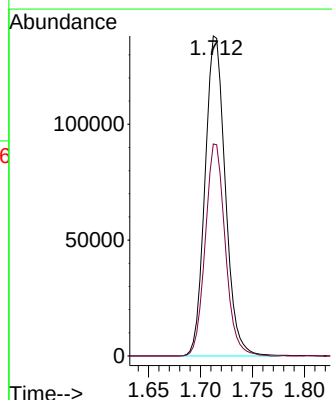
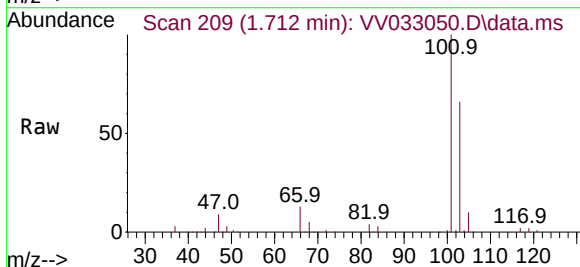
Instrument :
MSVOA_V
ClientSampleId :

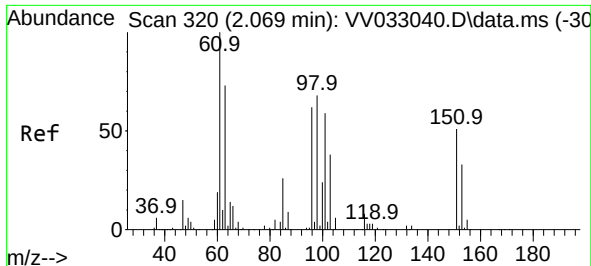
Tgt Ion: 64 Resp: 60120
Ion Ratio Lower Upper
64 100
66 32.3 22.8 42.4



#9
Trichlorofluoromethane
Concen: 45.683 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion:101 Resp: 187427
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

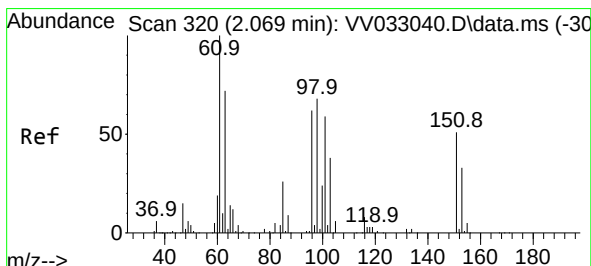
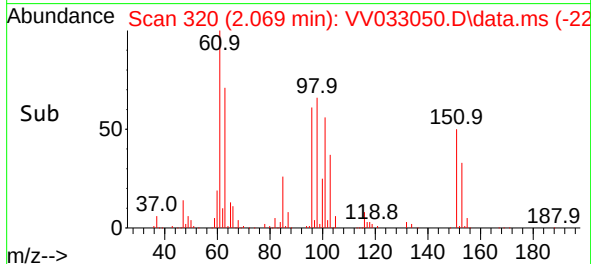
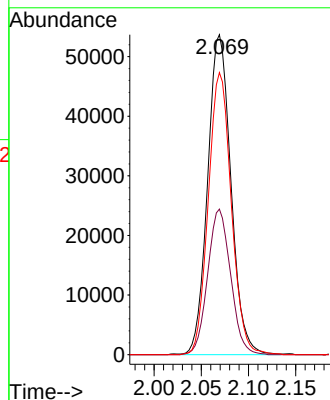
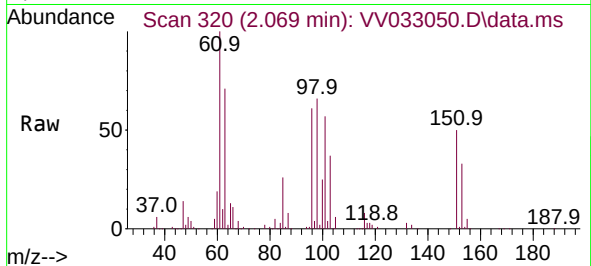




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.524 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

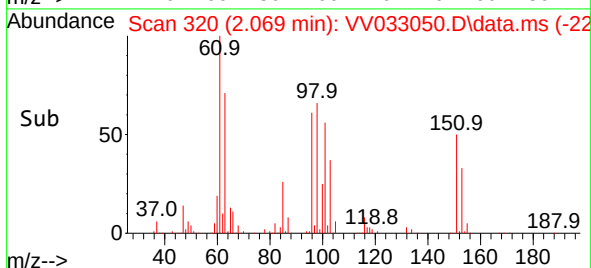
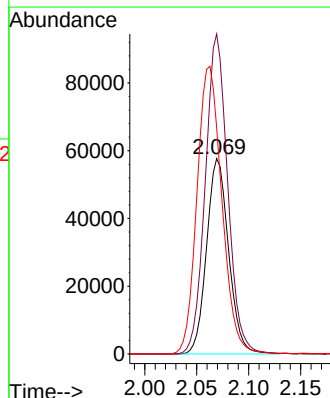
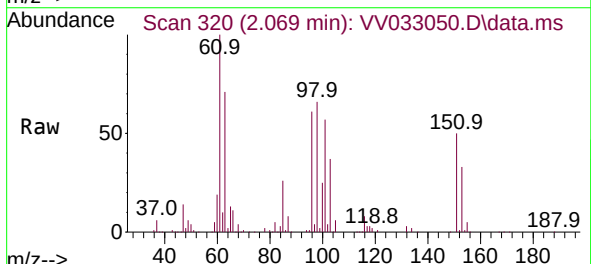
Instrument :
MSVOA_V
ClientSampleId :

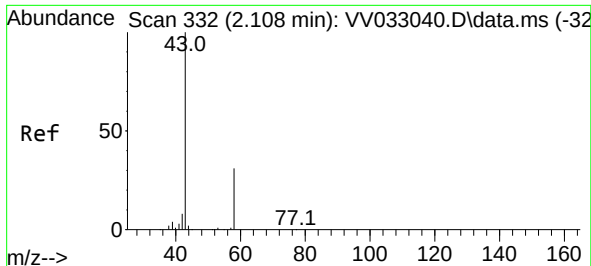
Tgt Ion:101 Resp: 92097
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 87.0 67.0 100.4



#12
1,1-Dichloroethene
Concen: 45.477 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 96 Resp: 84947
Ion Ratio Lower Upper
96 100
61 163.7 116.6 216.6
63 115.7 84.8 157.4





#13

Acetone

Concen: 73.670 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

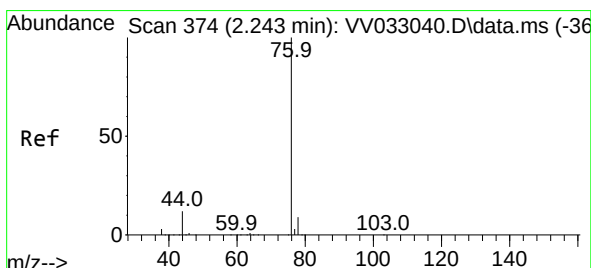
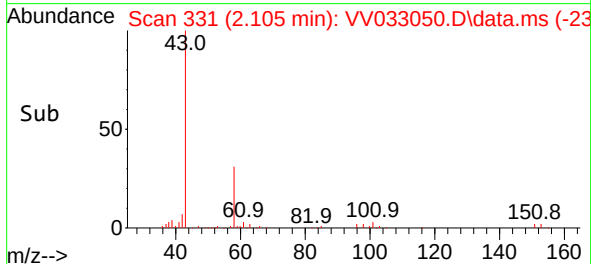
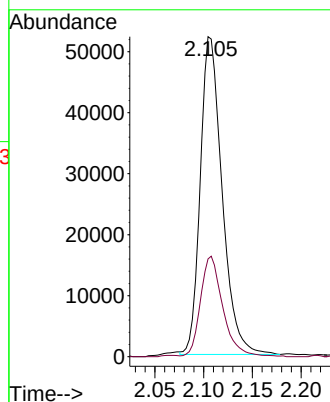
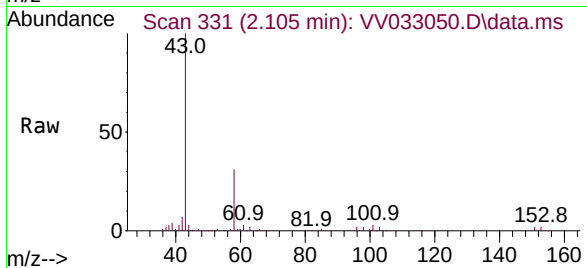
ClientSampleId :

Tgt Ion: 43 Resp: 81249

Ion Ratio Lower Upper

43 100

58 32.4 0.0 62.6



#14

Carbon disulfide

Concen: 45.309 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033050.D

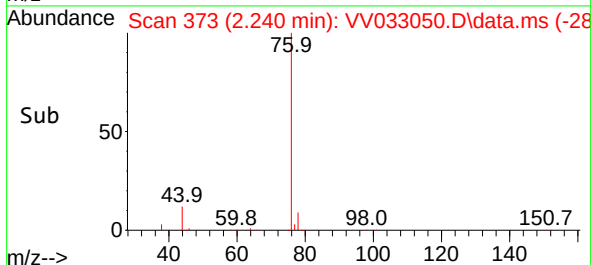
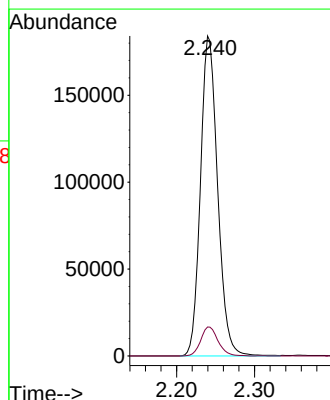
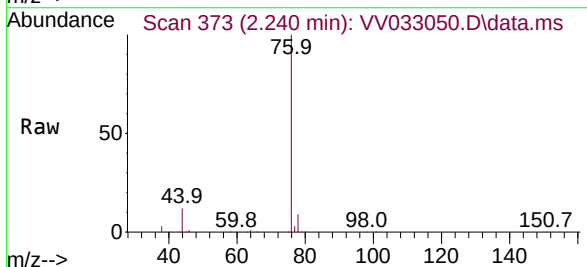
Acq: 21 Nov 2023 15:43

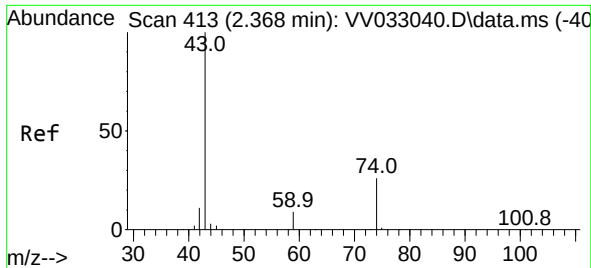
Tgt Ion: 76 Resp: 281478

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

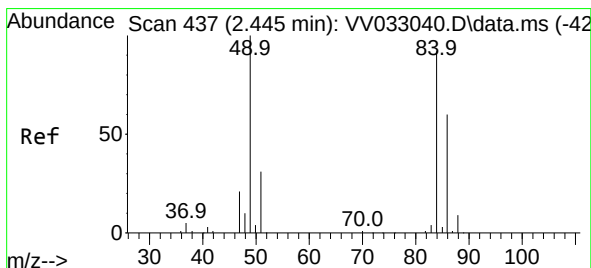
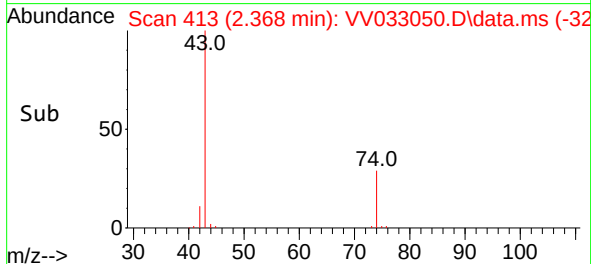
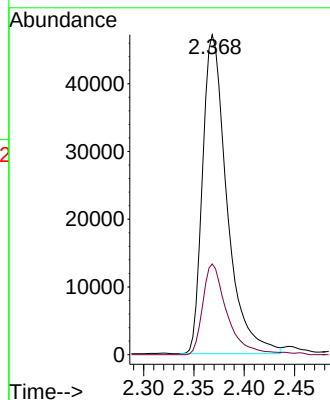
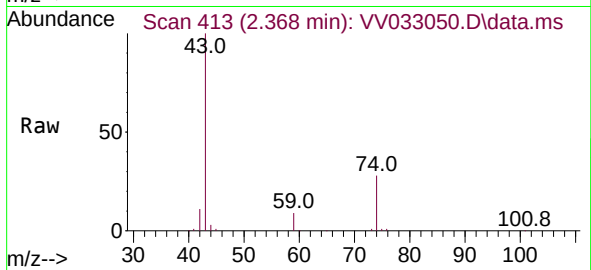




#15
Methyl Acetate
Concen: 41.155 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

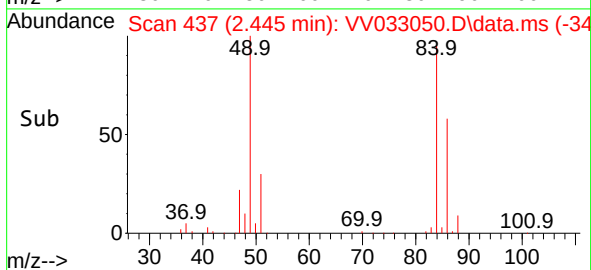
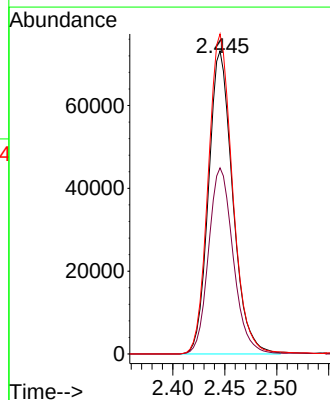
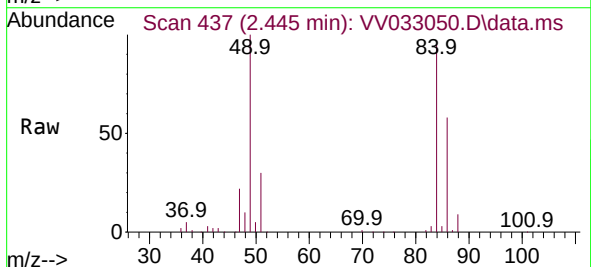
Instrument :
MSVOA_V
ClientSampleId :

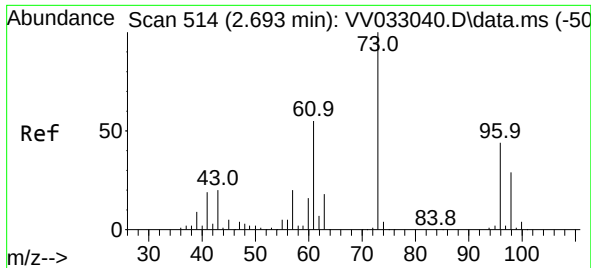
Tgt Ion: 43 Resp: 79572
Ion Ratio Lower Upper
43 100
74 28.0 22.7 34.1



#16
Methylene chloride
Concen: 44.783 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 84 Resp: 118514
Ion Ratio Lower Upper
84 100
86 61.4 44.7 83.1
49 105.6 76.6 142.3

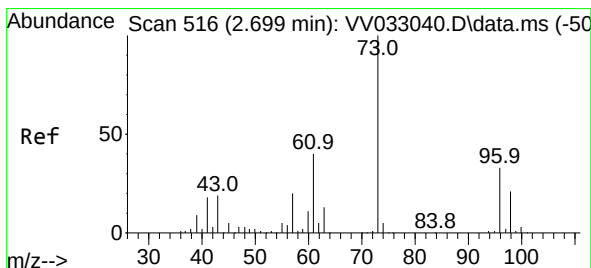
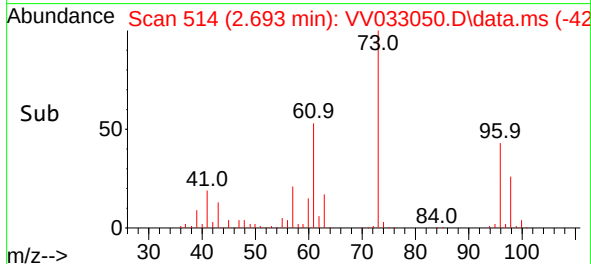
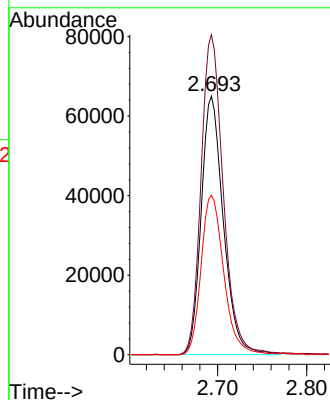
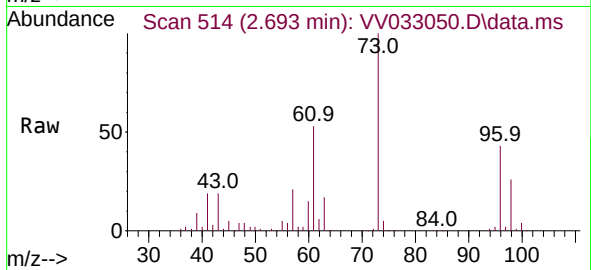




#17
trans-1,2-Dichloroethene
Concen: 47.054 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

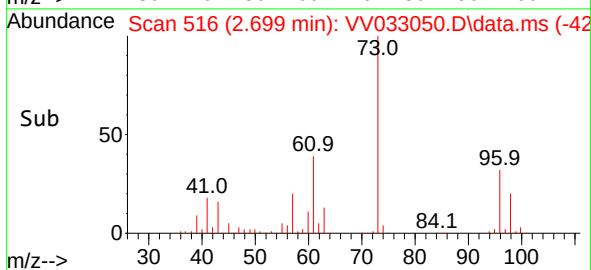
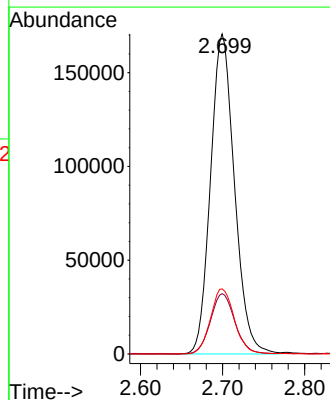
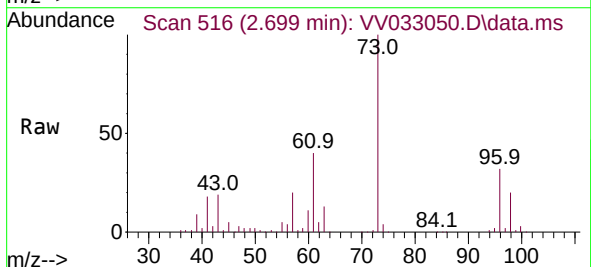
Instrument :
MSVOA_V
ClientSampleId :

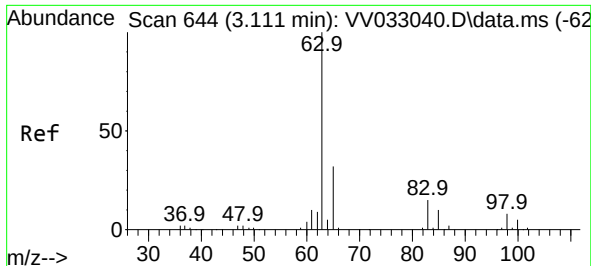
Tgt Ion: 96 Resp: 112483
Ion Ratio Lower Upper
96 100
61 123.7 89.5 166.3
98 61.7 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 46.210 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 73 Resp: 346519
Ion Ratio Lower Upper
73 100
43 19.4 15.2 22.8
57 20.3 15.8 23.8





#19

1,1-Dichloroethane

Concen: 45.432 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

ClientSampleId :

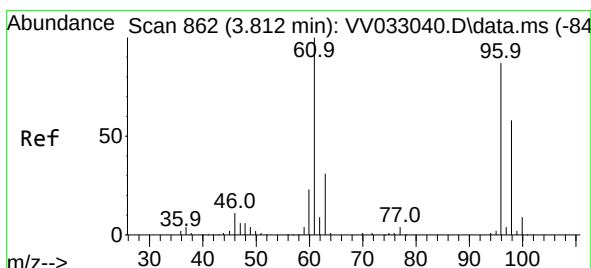
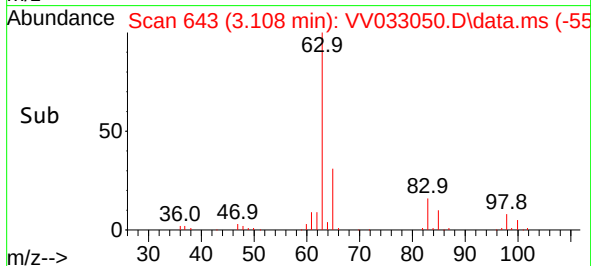
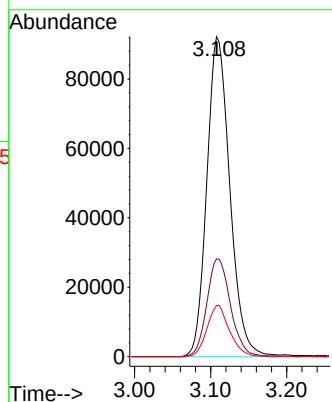
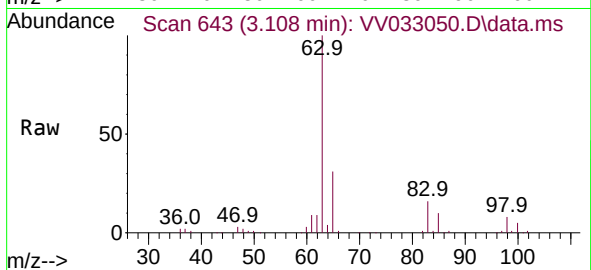
Tgt Ion: 63 Resp: 194005

Ion Ratio Lower Upper

63 100

65 30.6 22.4 41.6

83 15.9 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 46.053 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

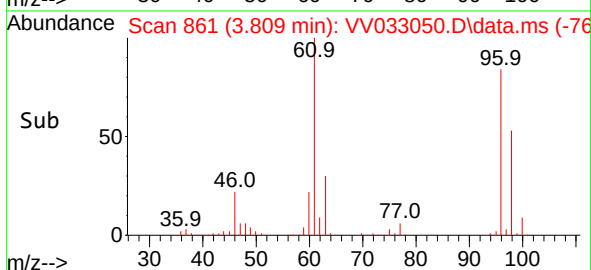
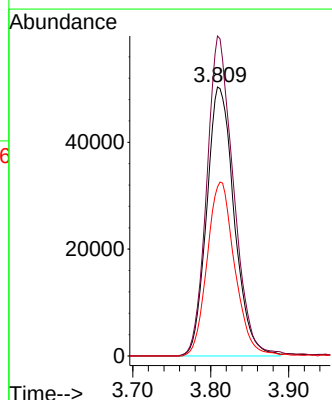
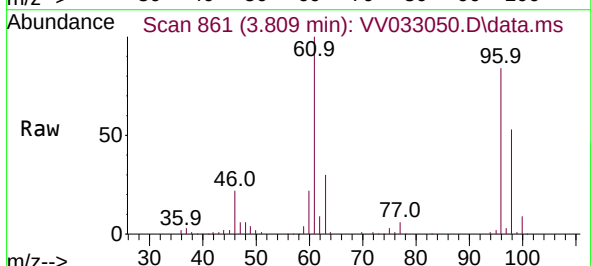
Tgt Ion: 96 Resp: 123437

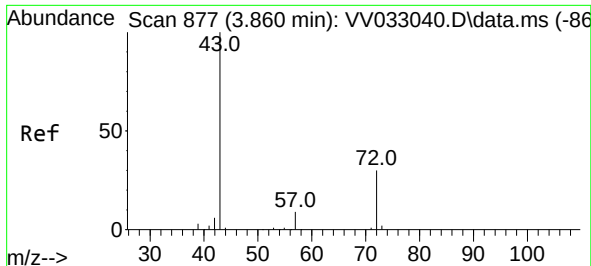
Ion Ratio Lower Upper

96 100

61 119.0 80.2 149.0

98 62.8 45.1 83.7

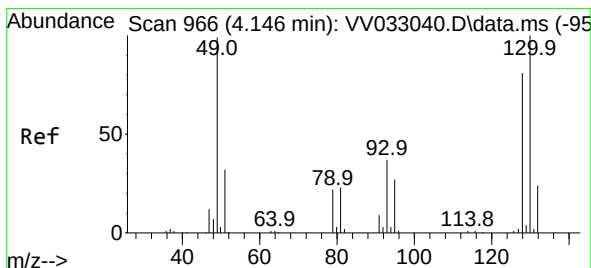
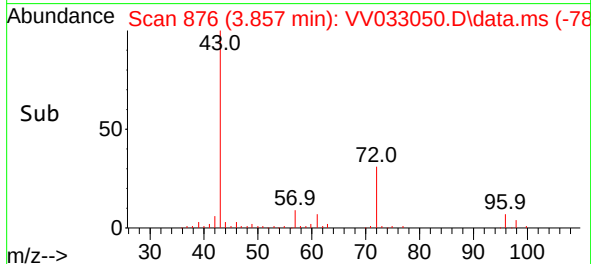
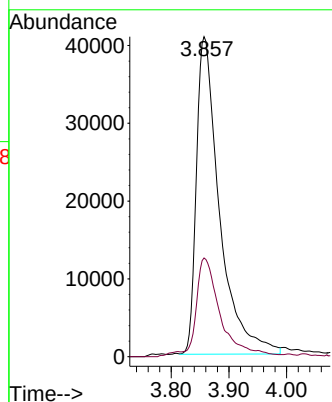
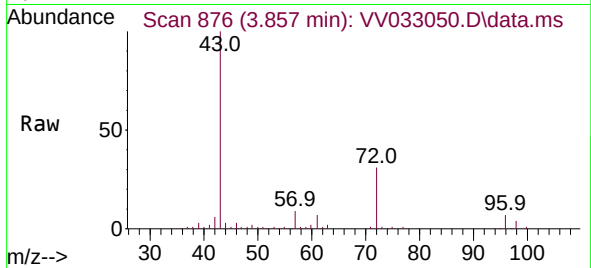




#22
2-Butanone
Concen: 79.626 ug/L
RT: 3.857 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

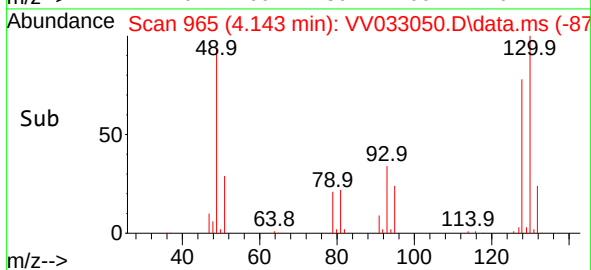
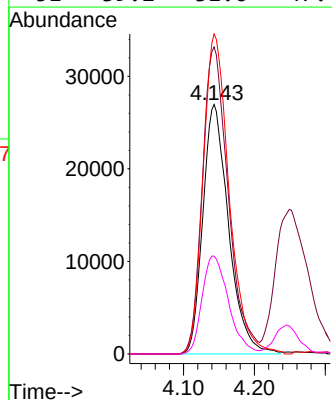
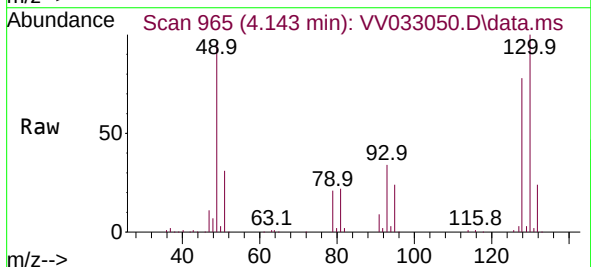
Instrument :
MSVOA_V
ClientSampleId :

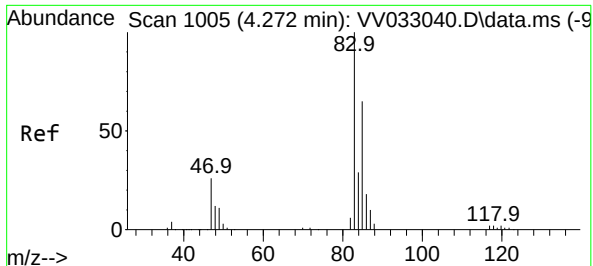
Tgt Ion: 43 Resp: 113708
Ion Ratio Lower Upper
43 100
72 27.9 13.9 41.7



#23
Bromochloromethane
Concen: 46.143 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion:128 Resp: 68025
Ion Ratio Lower Upper
128 100
49 123.1 87.1 161.7
130 128.3 88.1 163.5
51 39.2 31.6 47.4





#25

Chloroform

Concen: 45.760 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

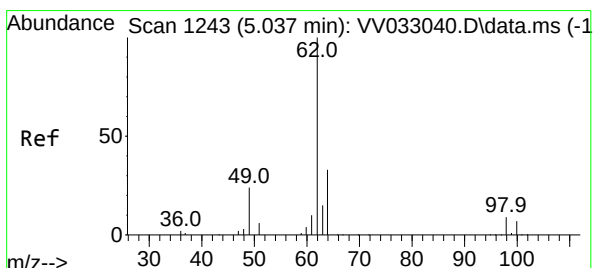
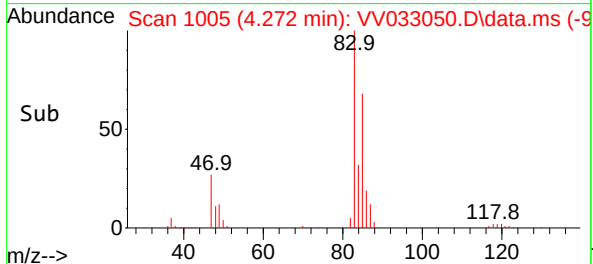
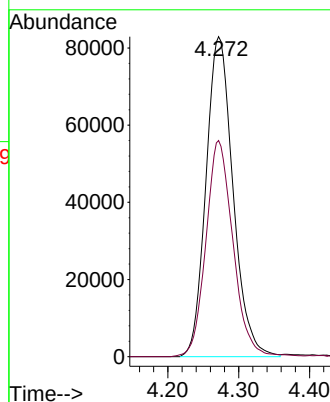
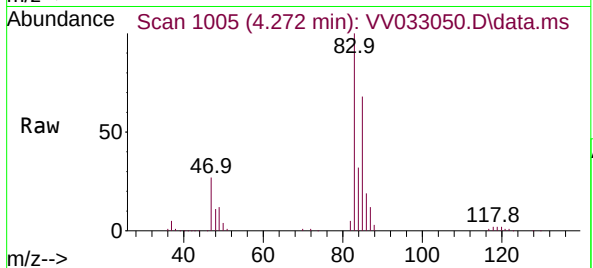
ClientSampleId :

Tgt Ion: 83 Resp: 219933

Ion Ratio Lower Upper

83 100

85 67.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 46.152 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV033050.D

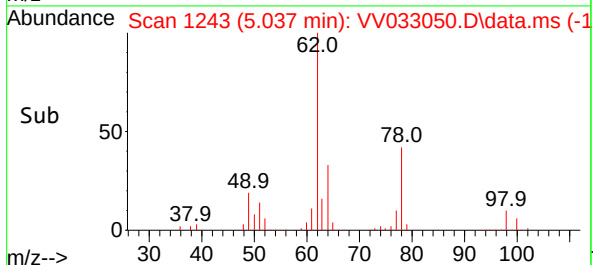
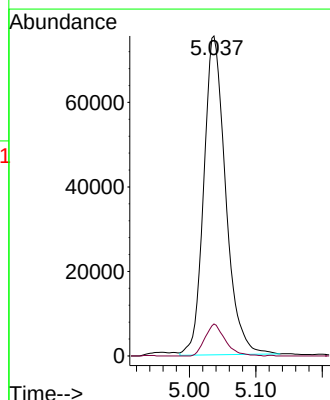
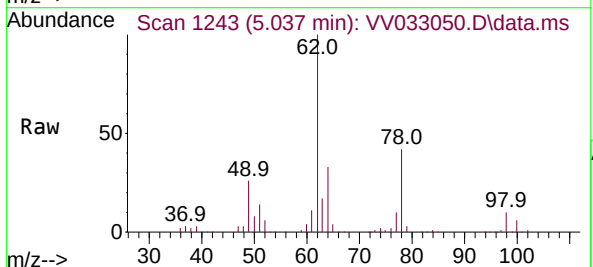
Acq: 21 Nov 2023 15:43

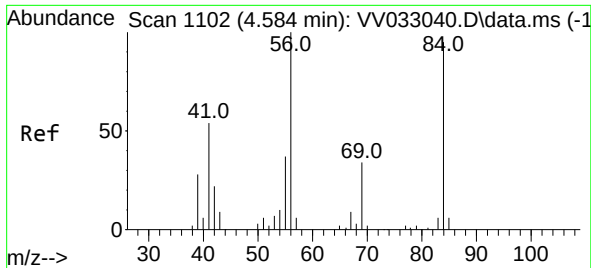
Tgt Ion: 62 Resp: 173044

Ion Ratio Lower Upper

62 100

98 10.0 8.3 12.5

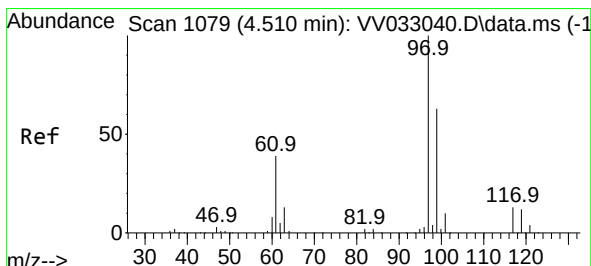
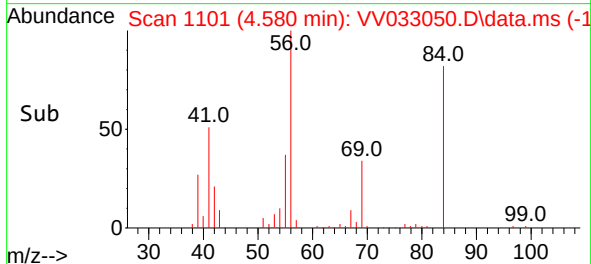
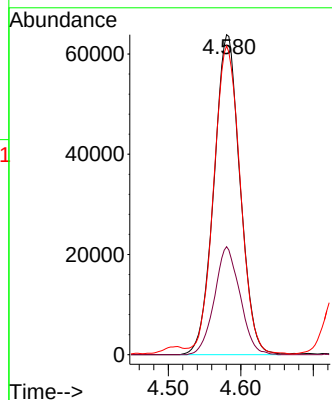
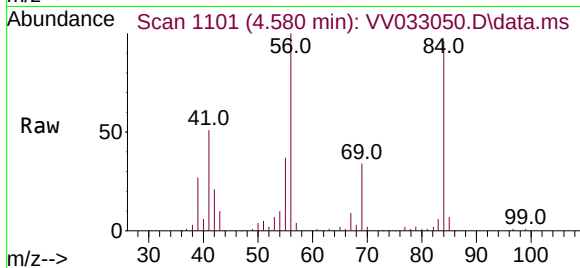




#29
Cyclohexane
Concen: 48.747 ug/L
RT: 4.580 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

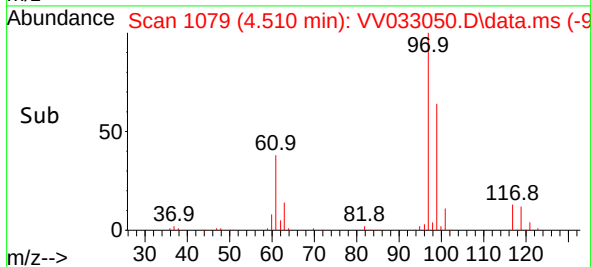
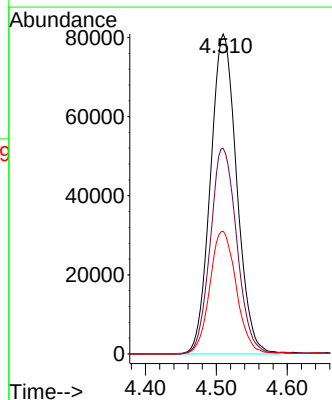
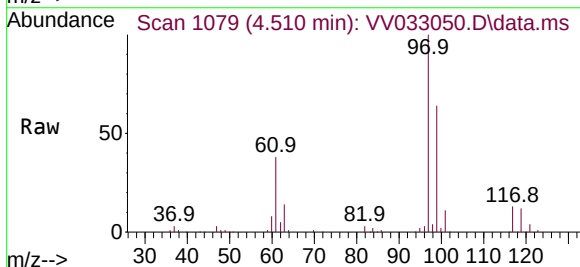
Instrument :
MSVOA_V
ClientSampleId :

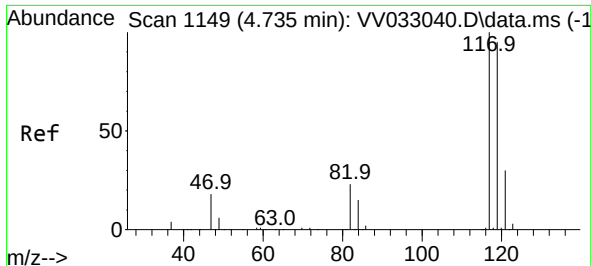
Tgt Ion: 56 Resp: 159510
Ion Ratio Lower Upper
56 100
69 33.0 26.7 40.1
84 97.7 78.1 117.1



#30
1,1,1-Trichloroethane
Concen: 47.150 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 97 Resp: 208859
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 38.7 32.1 48.1

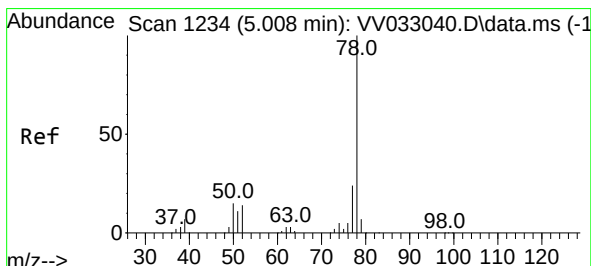
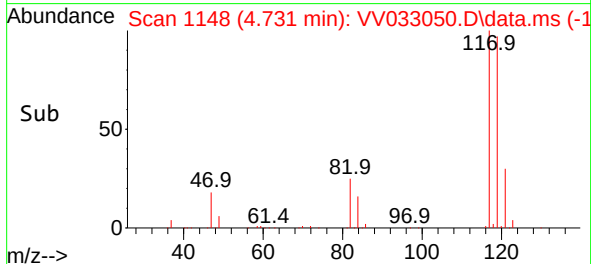
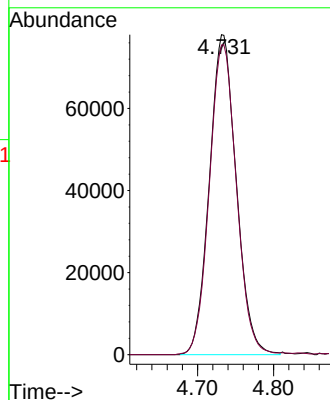
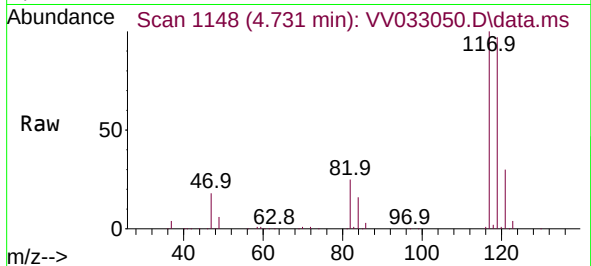




#31
Carbon tetrachloride
Concen: 46.399 ug/L
RT: 4.731 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

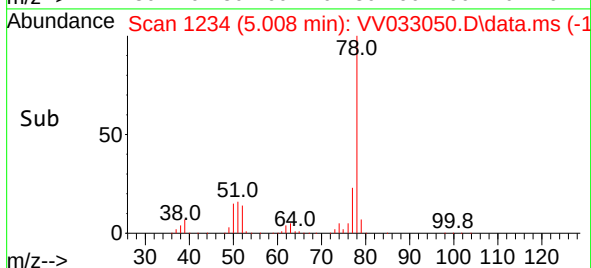
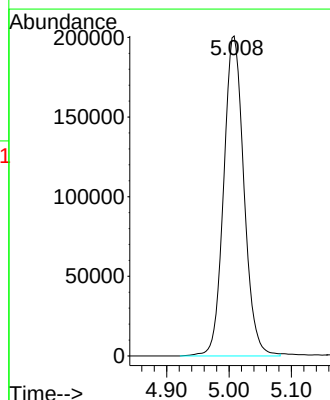
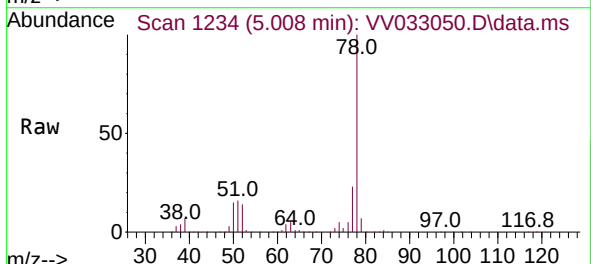
Instrument :
MSVOA_V
ClientSampleId :

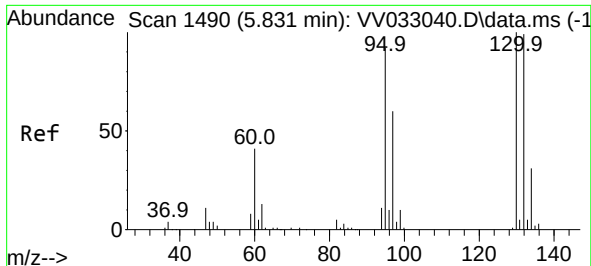
Tgt Ion:117 Resp: 191536
Ion Ratio Lower Upper
117 100
119 97.2 76.5 114.7



#33
Benzene
Concen: 48.041 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 78 Resp: 453195

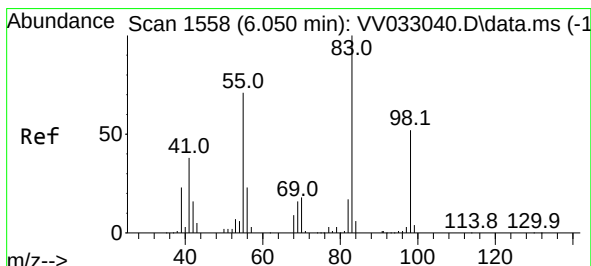
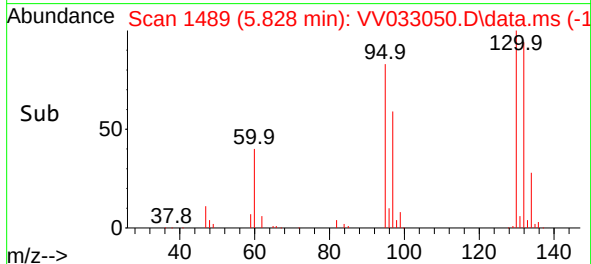
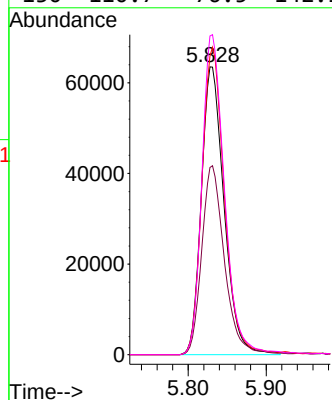
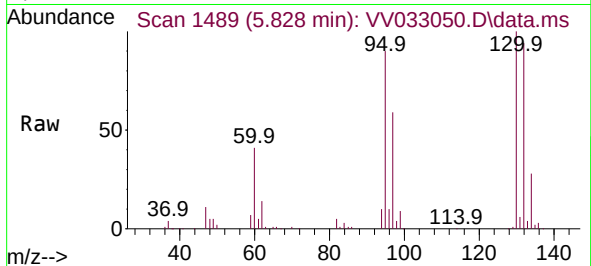




#34
Trichloroethene
Concen: 48.415 ug/L
RT: 5.828 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

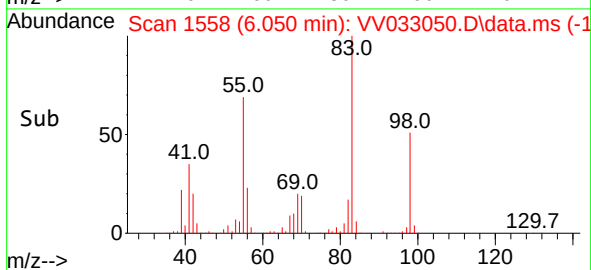
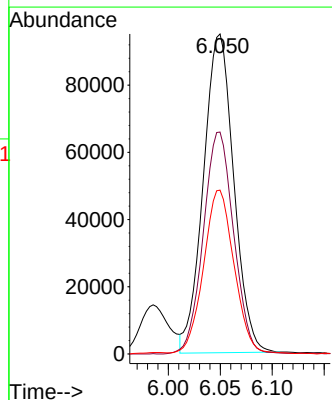
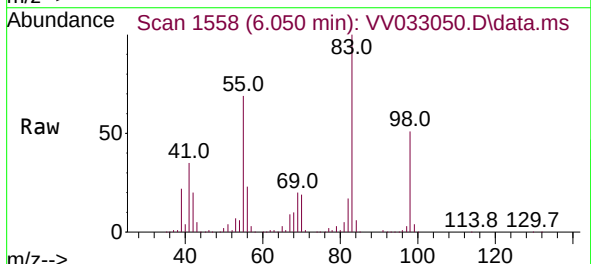
Instrument :
MSVOA_V
ClientSampleId :

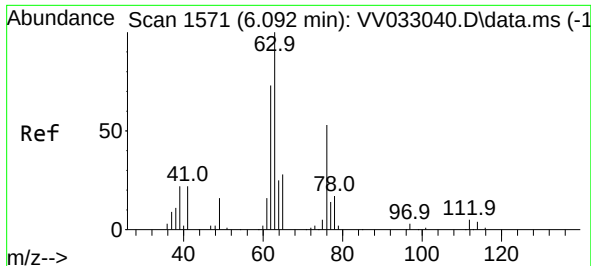
Tgt Ion: 95 Resp: 128735
Ion Ratio Lower Upper
95 100
97 65.1 46.0 85.4
132 103.8 76.0 141.2
130 110.7 76.5 142.1



#35
Methylcyclohexane
Concen: 49.971 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 83 Resp: 193123
Ion Ratio Lower Upper
83 100
55 69.6 56.3 84.5
98 51.5 40.5 60.7





#37

1,2-Dichloropropane

Concen: 47.723 ug/L

RT: 6.088 min Scan# 110502

Delta R.T. -0.003 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

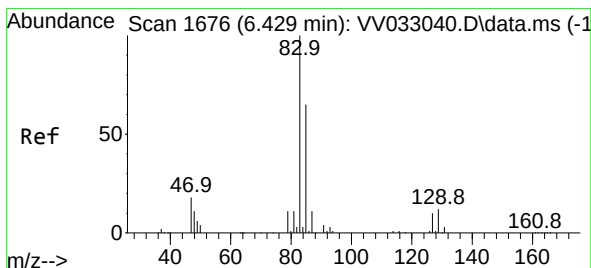
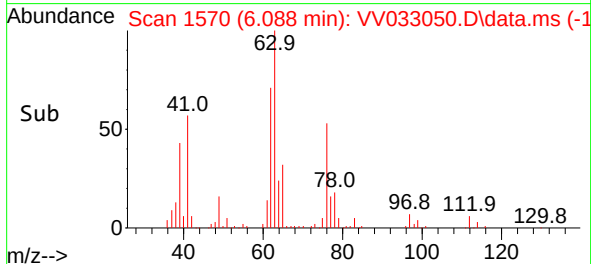
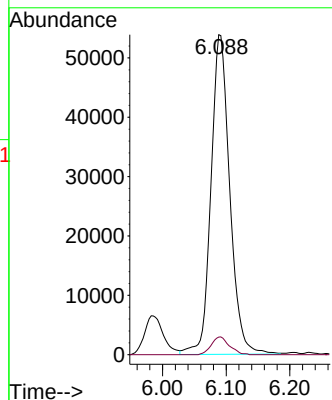
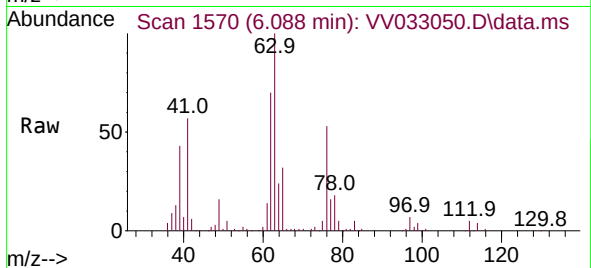
ClientSampleId :

Tgt Ion: 63 Resp: 110502

Ion Ratio Lower Upper

63 100

112 5.3 4.6 7.0



#38

Bromodichloromethane

Concen: 45.846 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

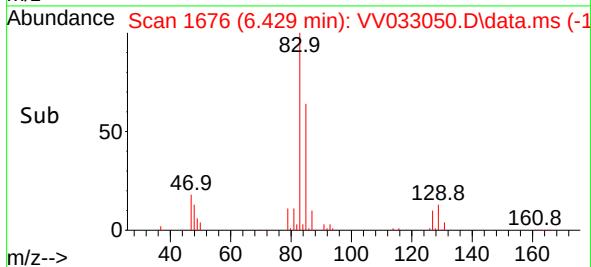
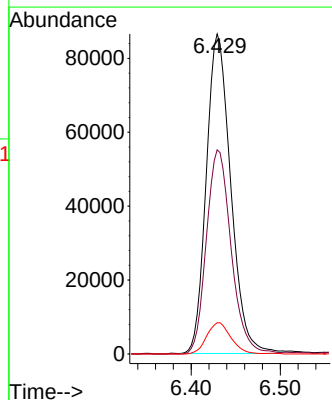
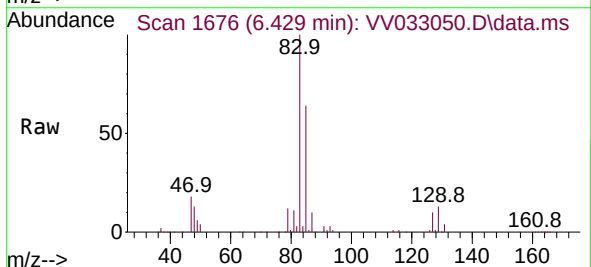
Tgt Ion: 83 Resp: 164937

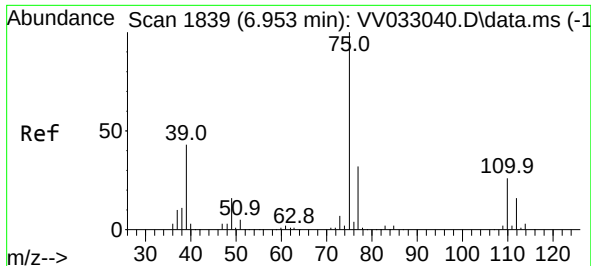
Ion Ratio Lower Upper

83 100

85 63.8 44.7 83.1

127 9.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 48.130 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

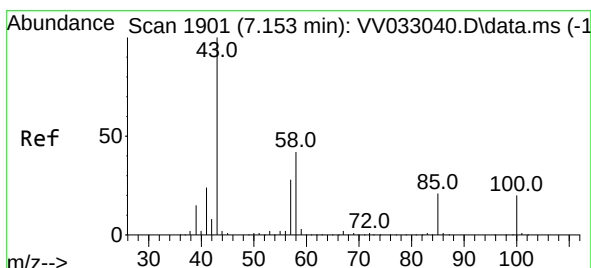
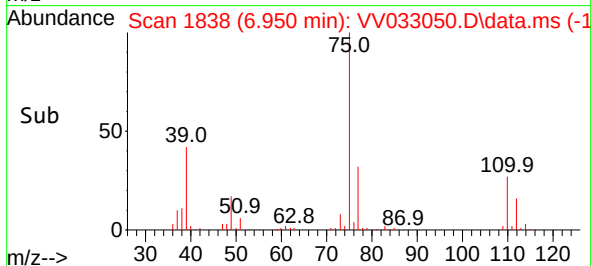
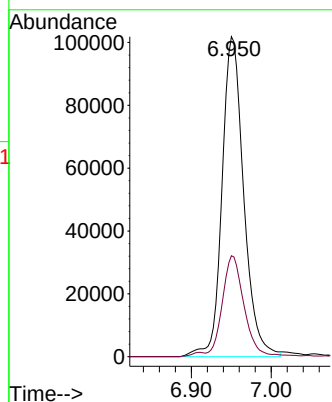
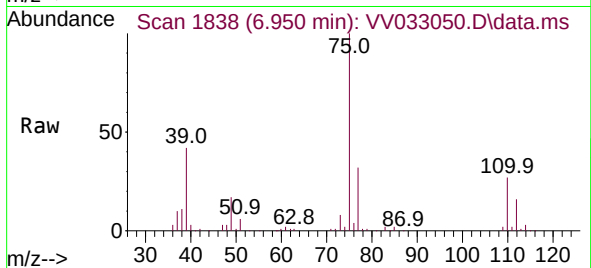
ClientSampleId :

Tgt Ion: 75 Resp: 191858

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 85.692 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

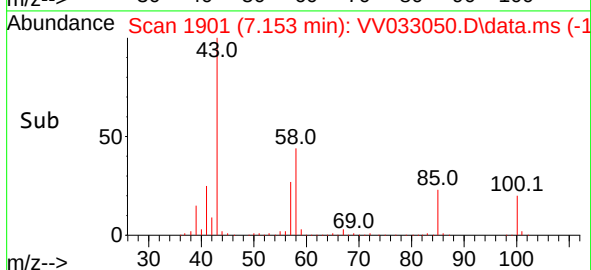
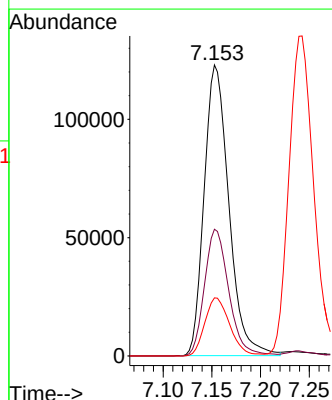
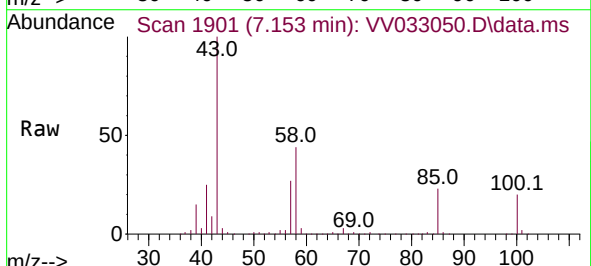
Tgt Ion: 43 Resp: 217034

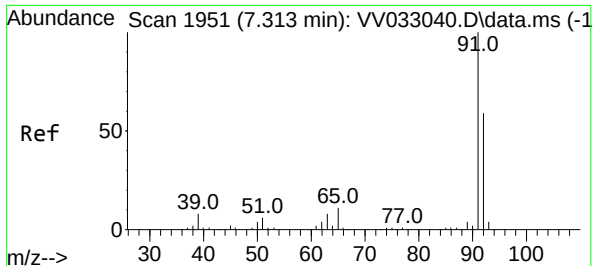
Ion Ratio Lower Upper

43 100

58 42.9 33.2 49.8

100 20.3 14.9 22.3

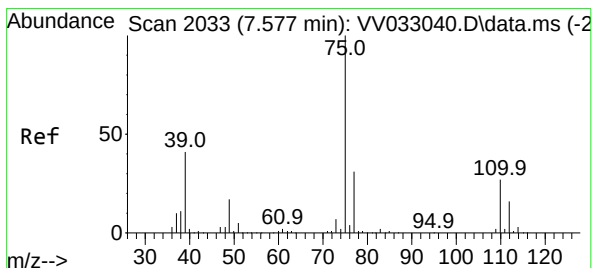
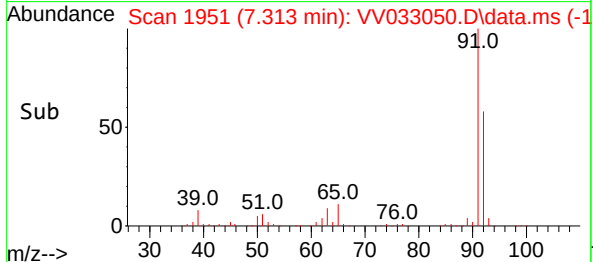
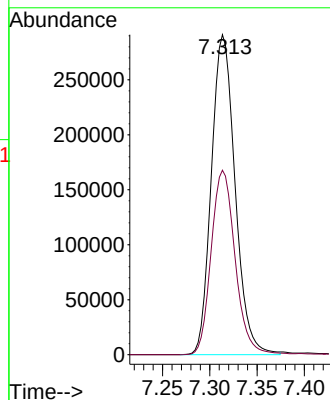
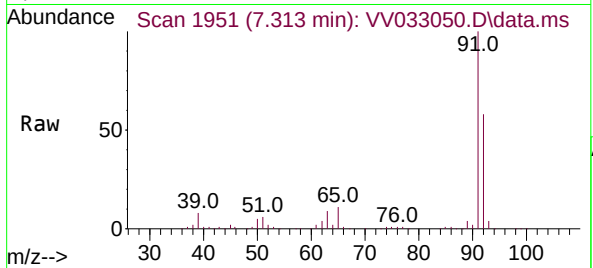




#42
Toluene
Concen: 48.602 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

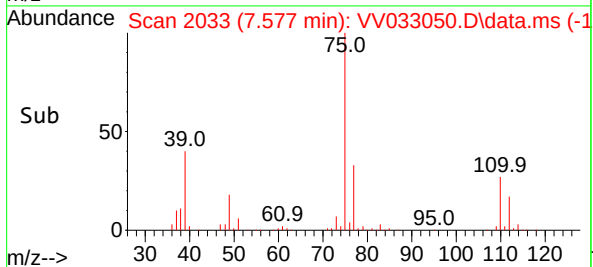
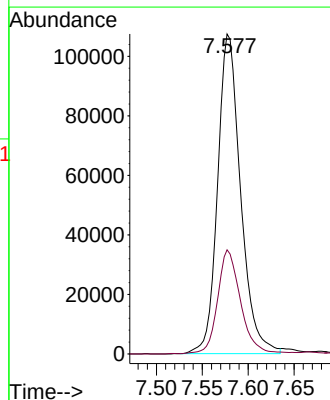
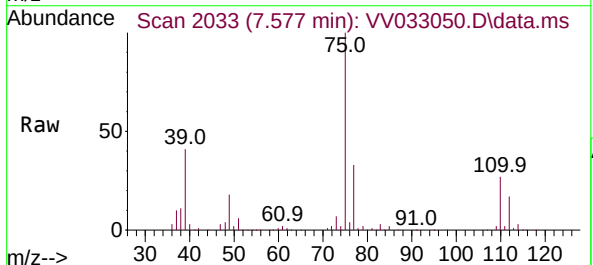
Instrument : MSVOA_V
ClientSampleId :

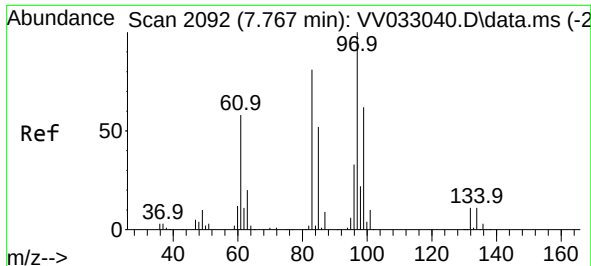
Tgt Ion: 91 Resp: 508021
Ion Ratio Lower Upper
91 100
92 57.6 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 46.707 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 75 Resp: 187091
Ion Ratio Lower Upper
75 100
77 32.5 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 45.449 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 118515

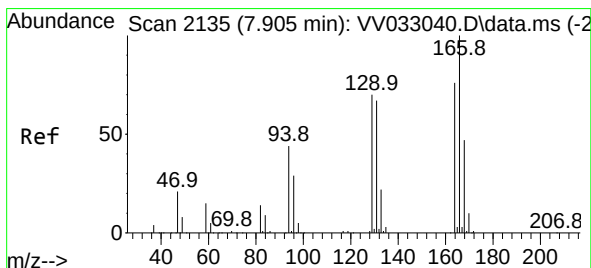
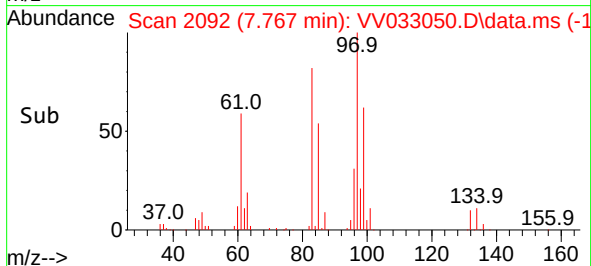
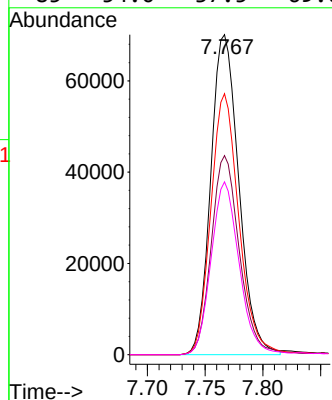
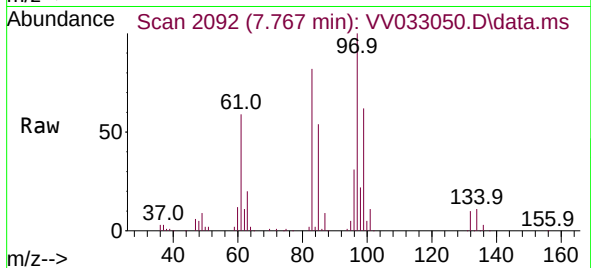
Ion Ratio Lower Upper

97 100

99 62.2 43.5 80.9

83 81.5 55.6 103.2

85 54.0 37.5 69.6



#46

Tetrachloroethene

Concen: 48.864 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Tgt Ion:164 Resp: 113227

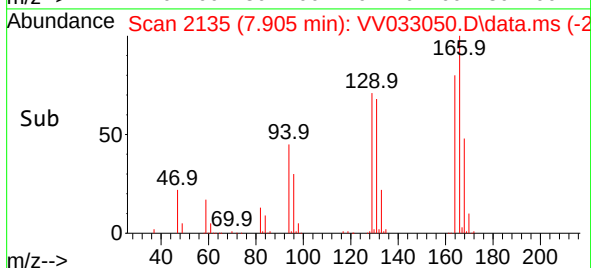
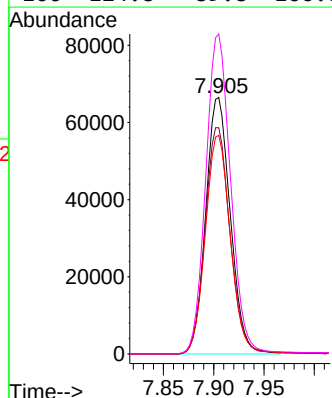
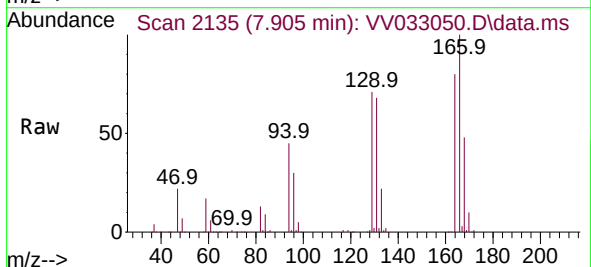
Ion Ratio Lower Upper

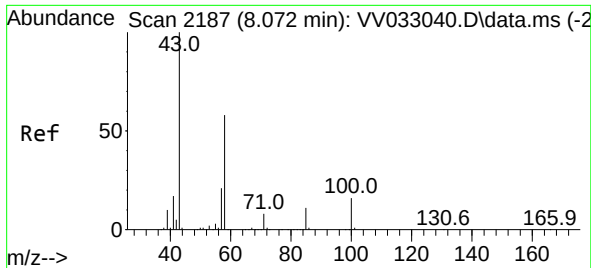
164 100

129 88.2 65.7 122.1

131 85.2 62.5 116.1

166 124.8 89.8 166.8



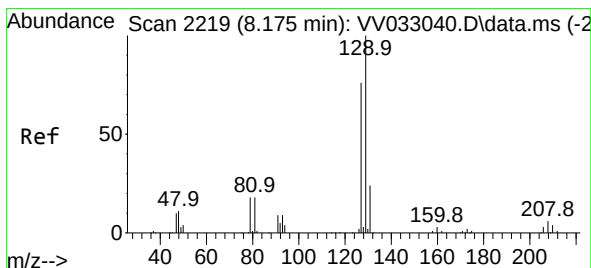
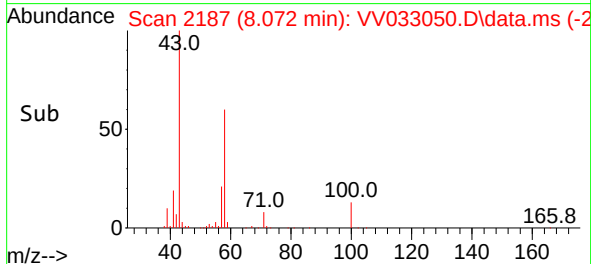
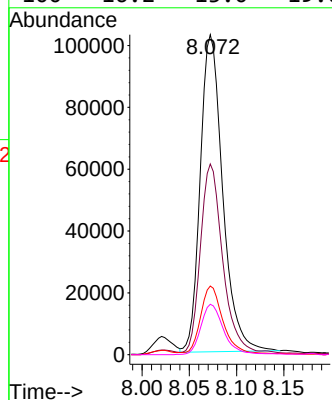
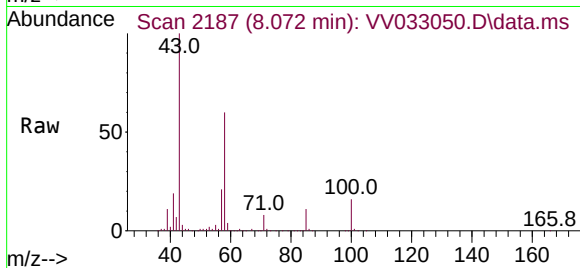


#48
2-Hexanone
Concen: 84.603 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 169521

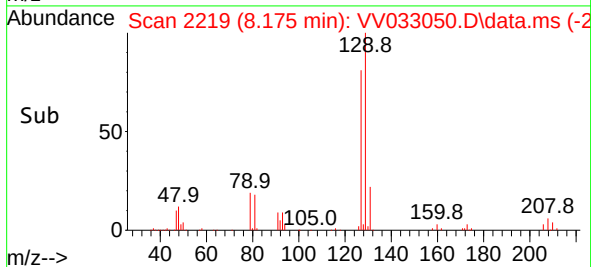
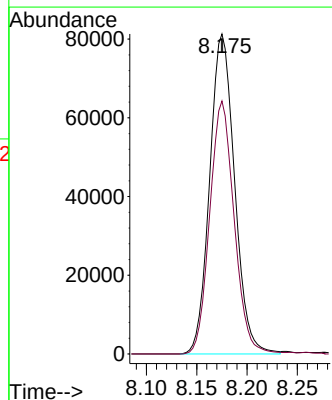
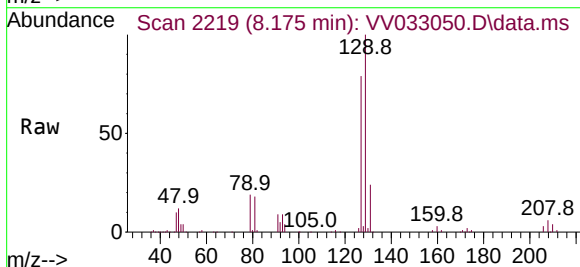
Ion	Ratio	Lower	Upper
43	100		
58	58.5	47.0	70.6
57	21.2	17.0	25.6
100	16.2	13.0	19.6

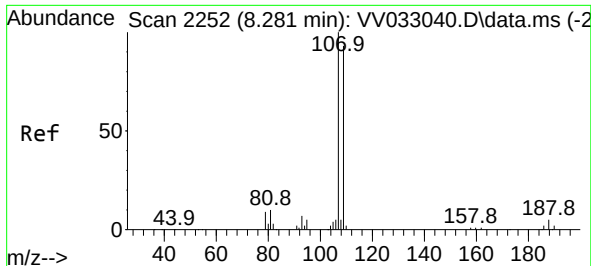


#49
Dibromochloromethane
Concen: 46.698 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 129 Resp: 140347

Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.4	101.0





#50

1,2-Dibromoethane

Concen: 46.156 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

ClientSampleId :

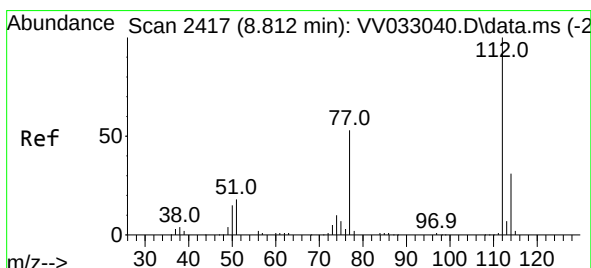
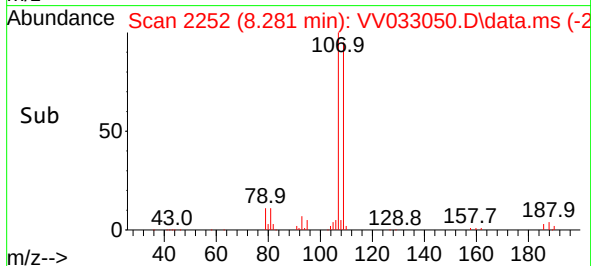
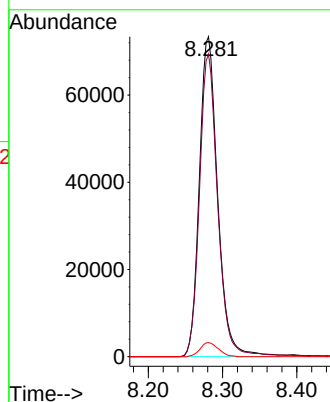
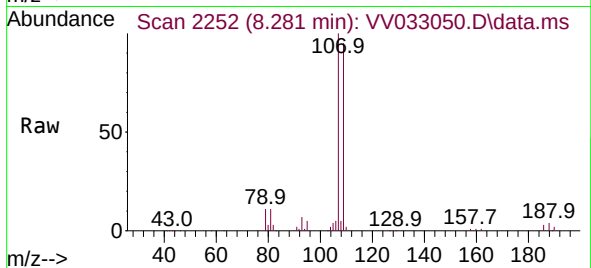
Tgt Ion:107 Resp: 126055

Ion Ratio Lower Upper

107 100

109 94.6 67.3 125.1

188 4.4 3.3 4.9



#51

Chlorobenzene

Concen: 46.551 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

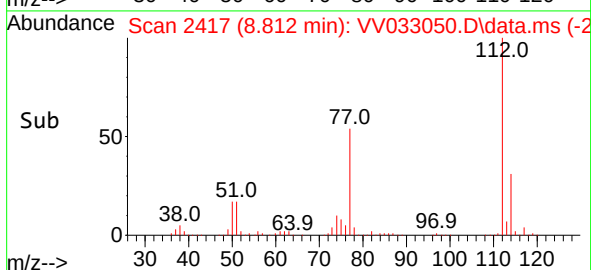
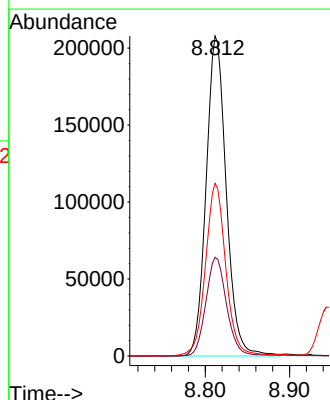
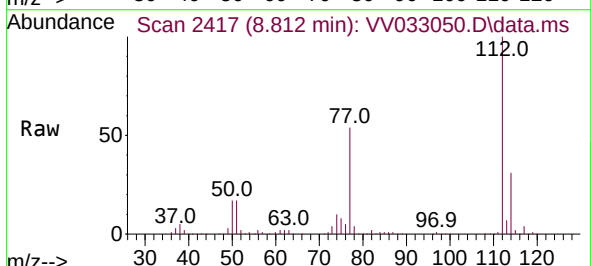
Tgt Ion:112 Resp: 345287

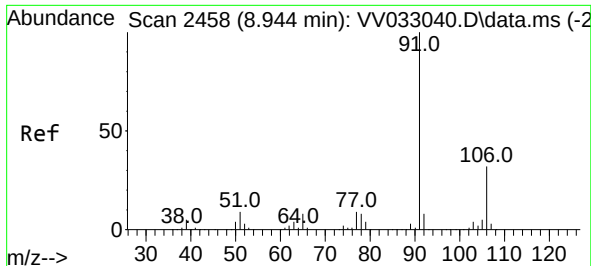
Ion Ratio Lower Upper

112 100

114 30.9 22.3 41.5

77 53.9 43.0 64.6





#52

Ethylbenzene

Concen: 48.317 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

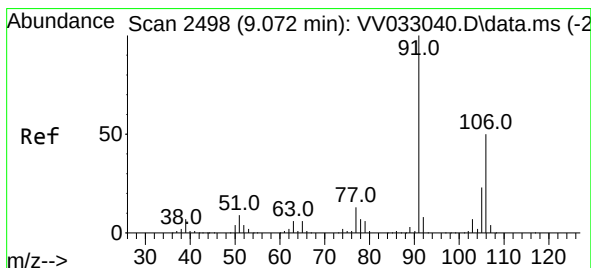
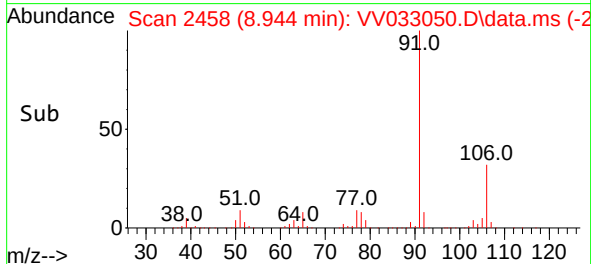
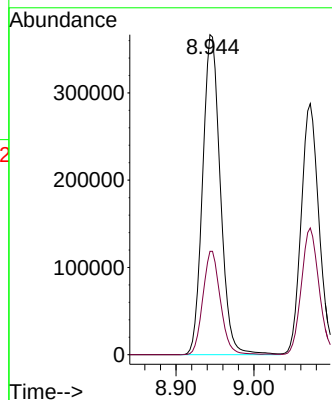
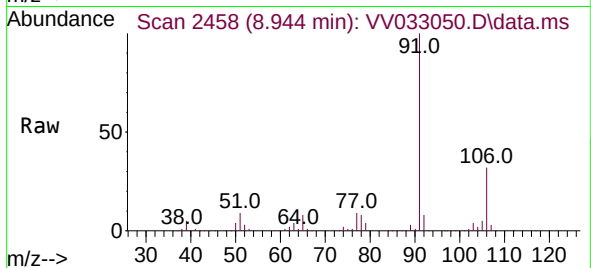
ClientSampleId :

Tgt Ion: 91 Resp: 579778

Ion Ratio Lower Upper

91 100

106 32.3 22.1 41.1



#53

m,p-Xylene

Concen: 48.647 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV033050.D

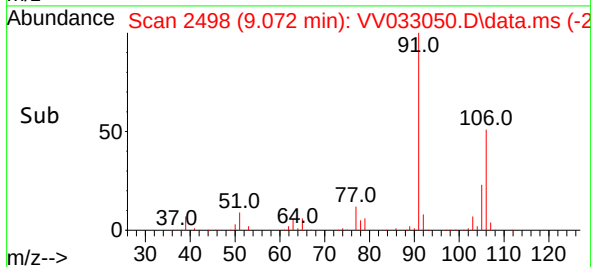
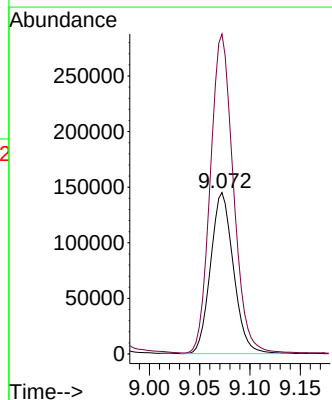
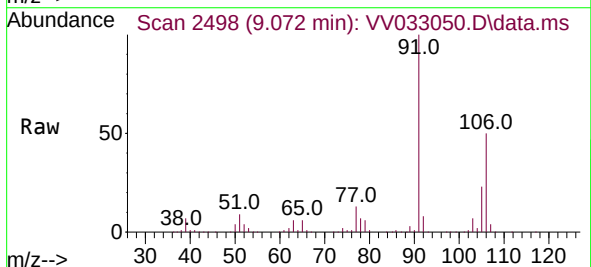
Acq: 21 Nov 2023 15:43

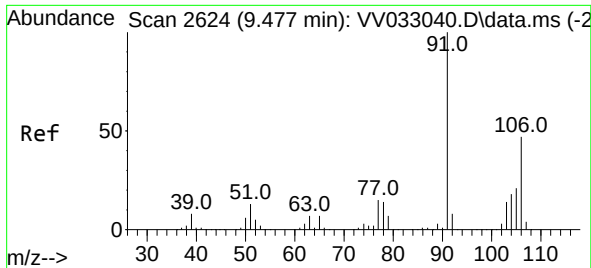
Tgt Ion: 106 Resp: 229343

Ion Ratio Lower Upper

106 100

91 198.1 138.6 257.4

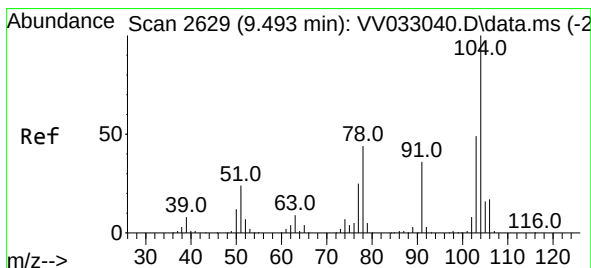
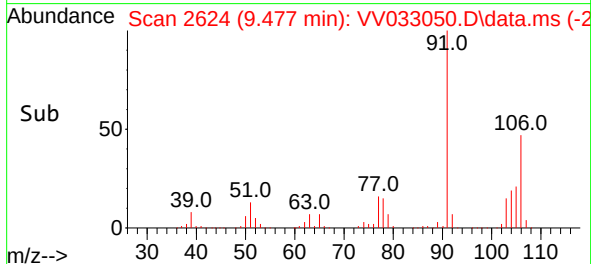
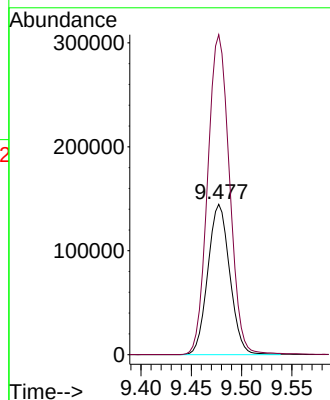
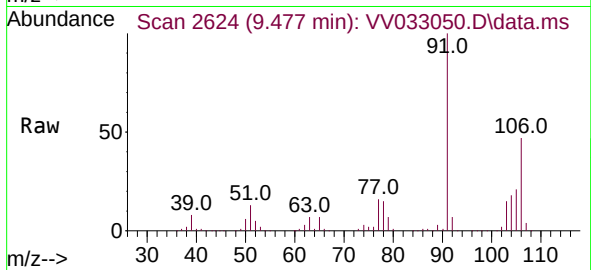




#54
o-Xylene
Concen: 48.403 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

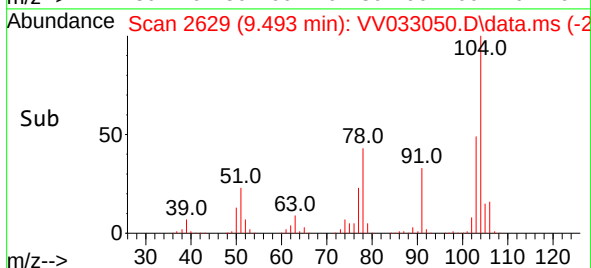
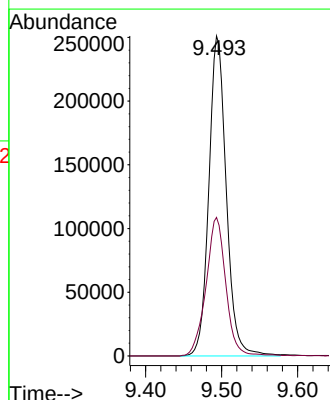
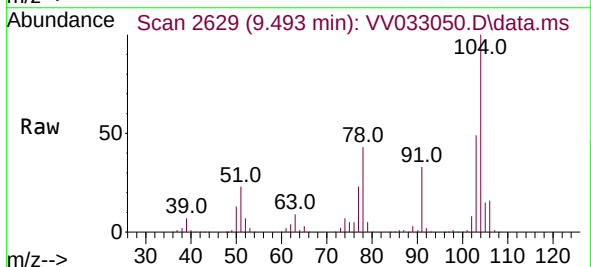
Instrument :
MSVOA_V
ClientSampleId :

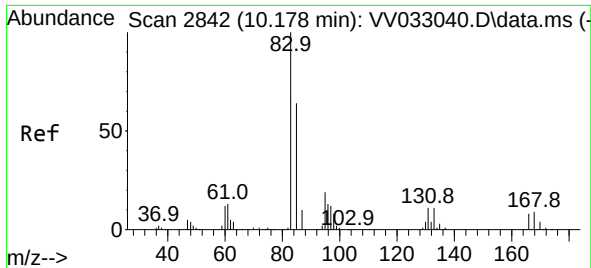
Tgt Ion:106 Resp: 219659
Ion Ratio Lower Upper
106 100
91 212.8 147.3 273.5



#55
Styrene
Concen: 49.515 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion:104 Resp: 400842
Ion Ratio Lower Upper
104 100
78 43.3 30.2 56.2

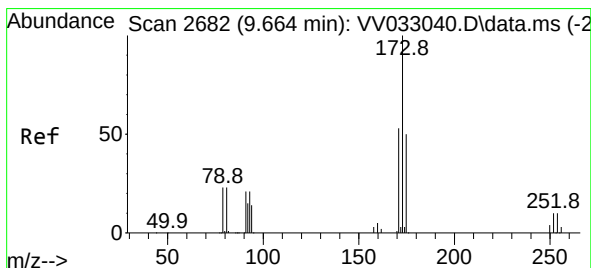
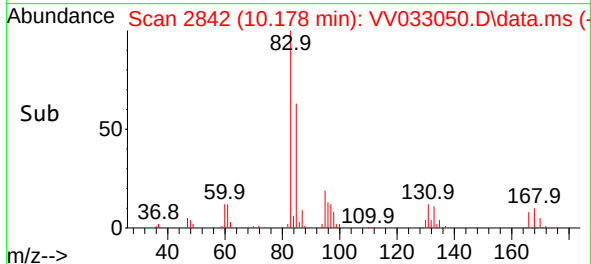
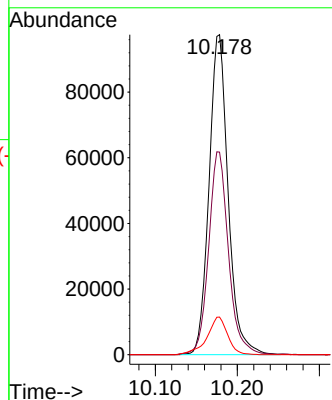
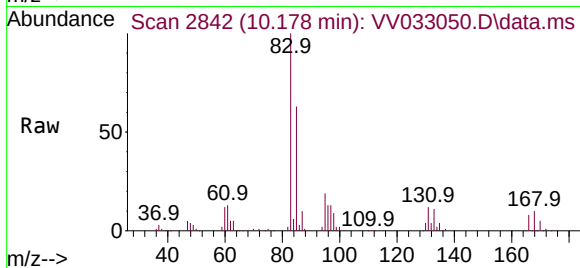




#57
 1,1,2,2-Tetrachloroethane
 Concen: 42.937 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. -0.000 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

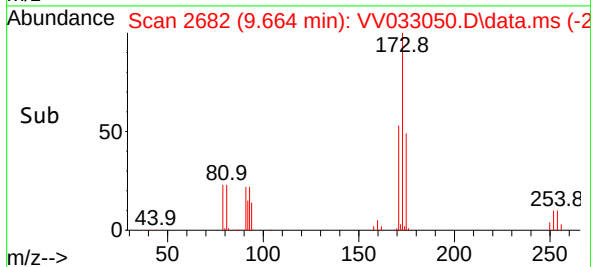
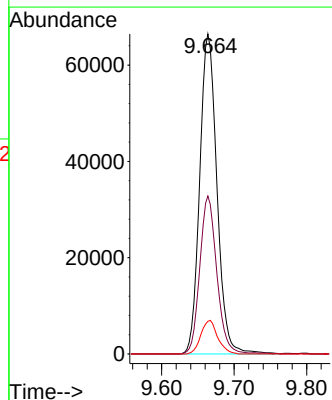
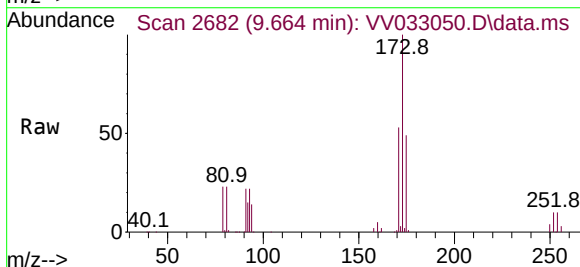
Instrument :
 MSVOA_V
 ClientSampleId :

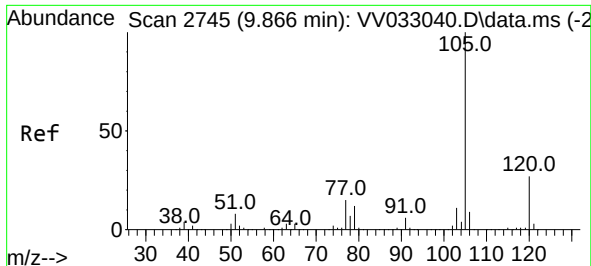
Tgt Ion: 83 Resp: 158170
 Ion Ratio Lower Upper
 83 100
 85 63.3 45.8 85.2
 131 11.8 9.4 14.0



#59
 Bromoform
 Concen: 45.350 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

Tgt Ion: 173 Resp: 109834
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.7 58.1
 254 10.2 7.9 11.9

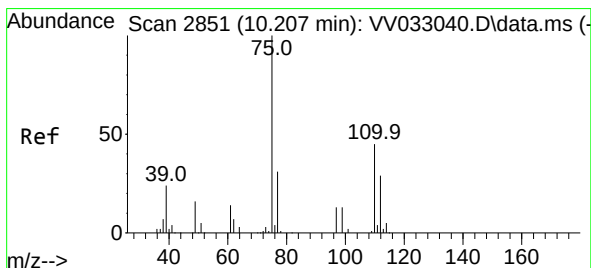
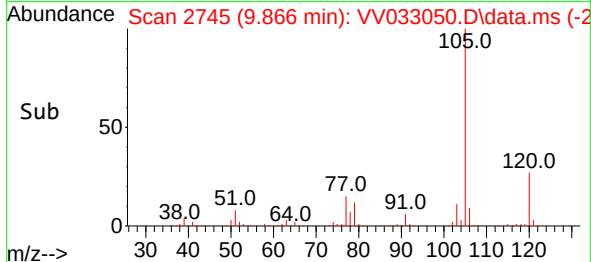
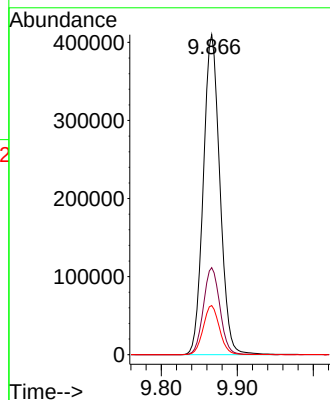
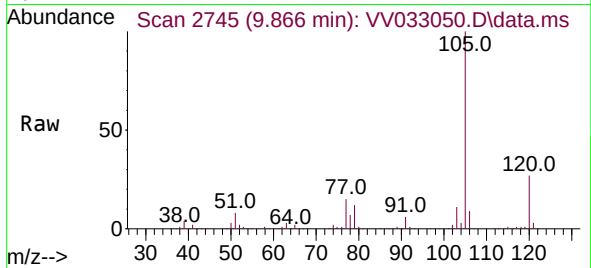




#60
Isopropylbenzene
Concen: 49.222 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

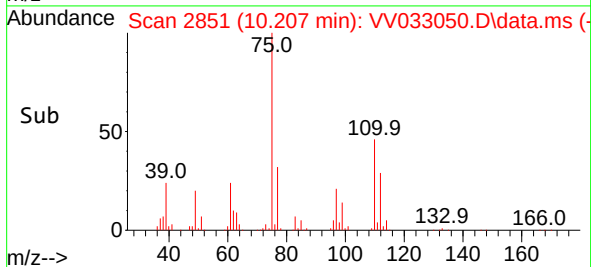
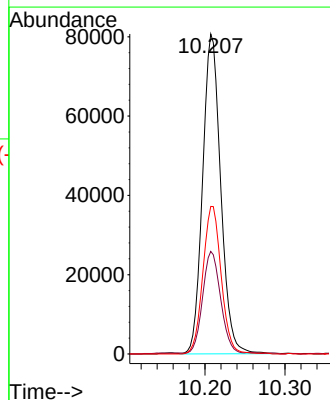
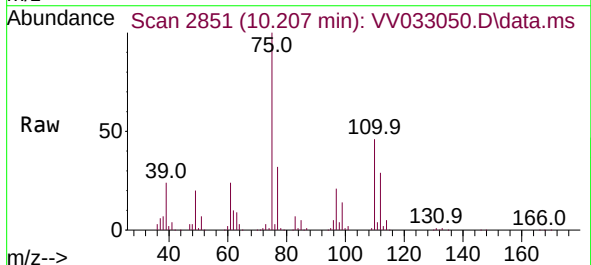
Instrument :
MSVOA_V
ClientSampleId :

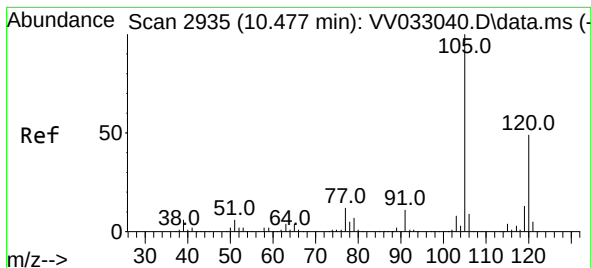
Tgt Ion:105 Resp: 620111
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.2
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 42.446 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion: 75 Resp: 127251
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 46.6 36.2 54.4

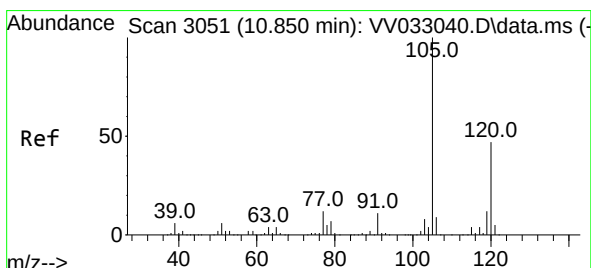
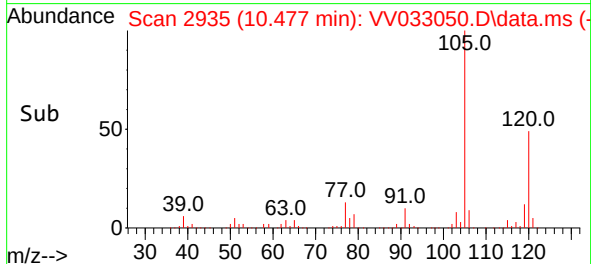
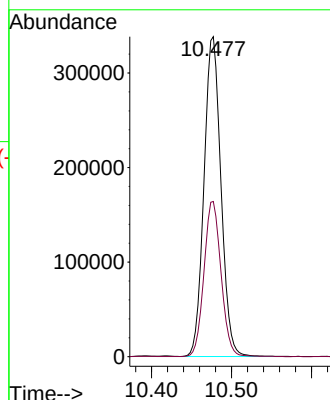
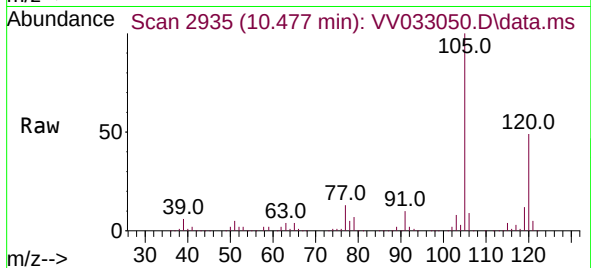




#62
1,3,5-Trimethylbenzene
Concen: 49.498 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

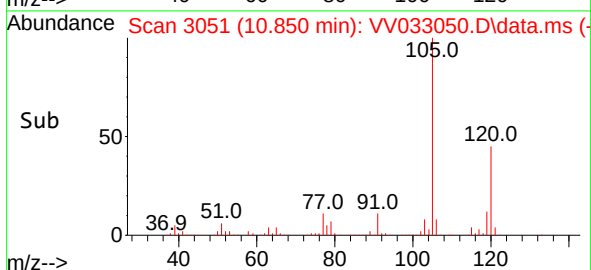
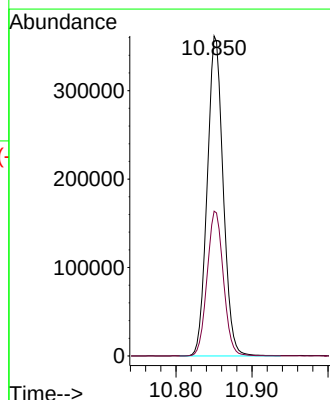
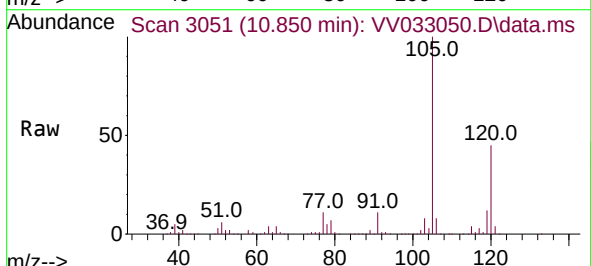
Instrument :
MSVOA_V
ClientSampleId :

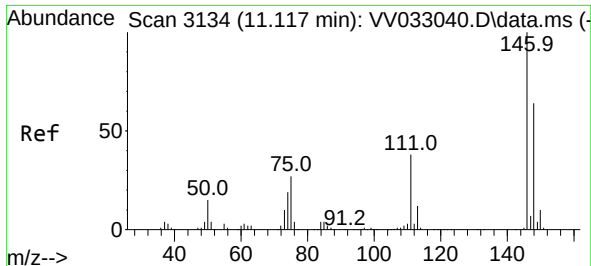
Tgt Ion:105 Resp: 500319
Ion Ratio Lower Upper
105 100
120 48.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 49.714 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion:105 Resp: 526418
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1

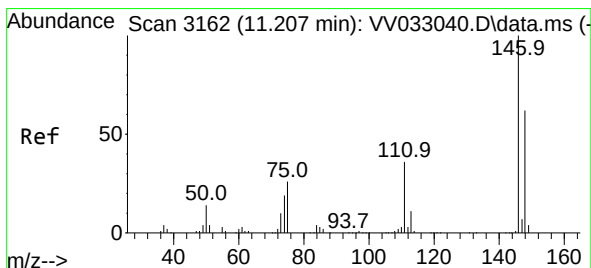
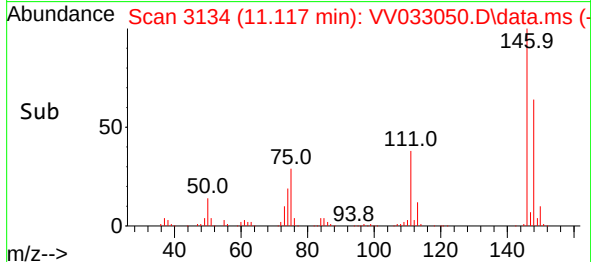
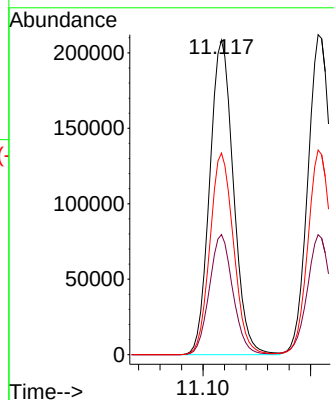
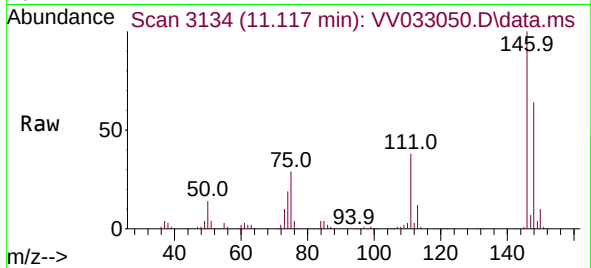




#64
1,3-Dichlorobenzene
Concen: 47.386 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

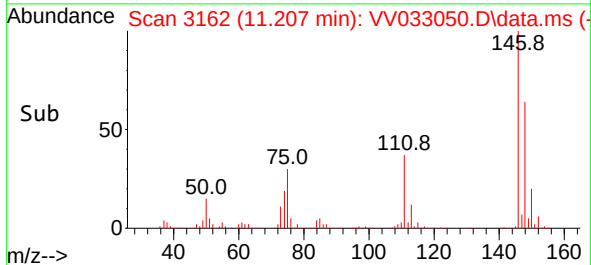
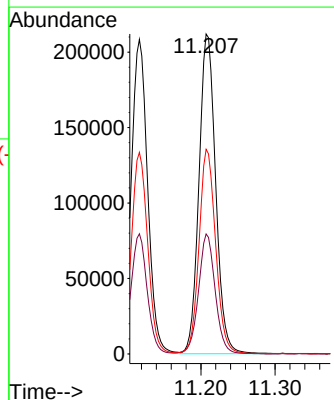
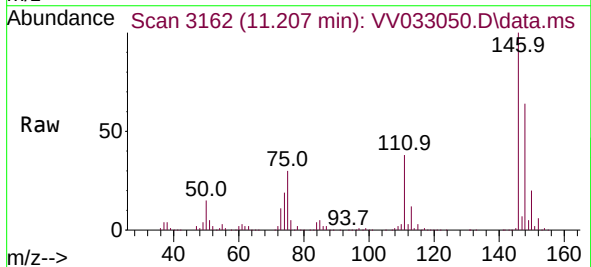
Instrument :
MSVOA_V
ClientSampleId :

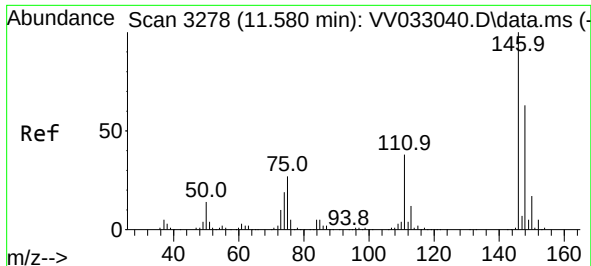
Tgt Ion:146 Resp: 319841
Ion Ratio Lower Upper
146 100
111 38.2 26.5 49.1
148 64.1 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 46.286 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

Tgt Ion:146 Resp: 332079
Ion Ratio Lower Upper
146 100
111 37.5 25.1 46.7
148 63.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 46.009 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

Instrument :

MSVOA_V

ClientSampleId :

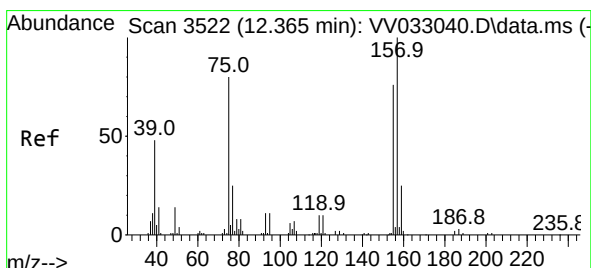
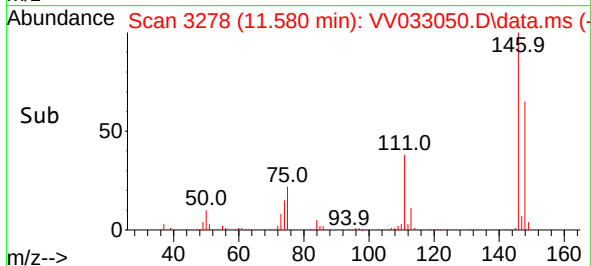
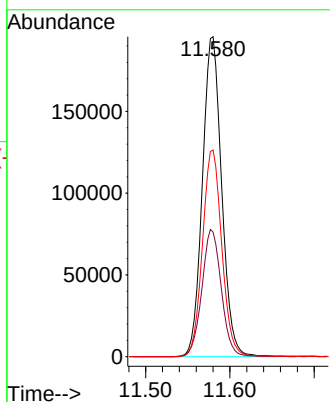
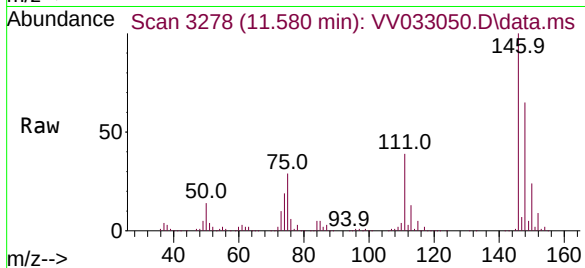
Tgt Ion:146 Resp: 311611

Ion Ratio Lower Upper

146 100

111 39.0 31.8 47.6

148 64.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 40.137 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033050.D

Acq: 21 Nov 2023 15:43

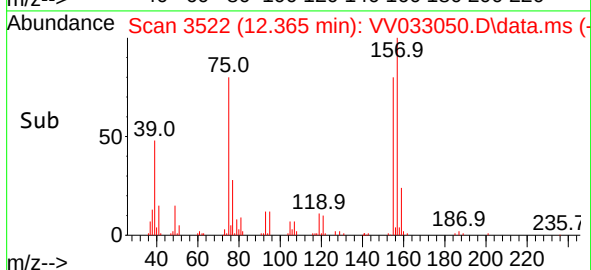
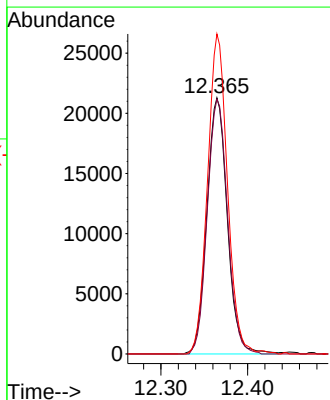
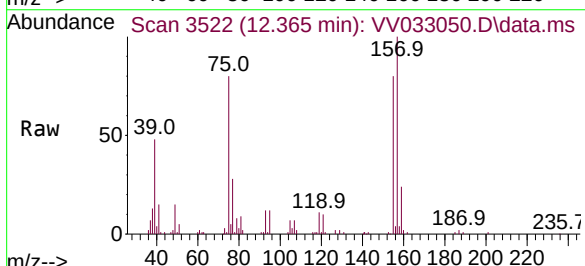
Tgt Ion: 75 Resp: 35005

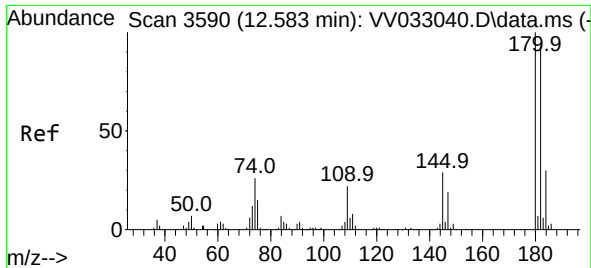
Ion Ratio Lower Upper

75 100

155 99.5 79.8 119.8

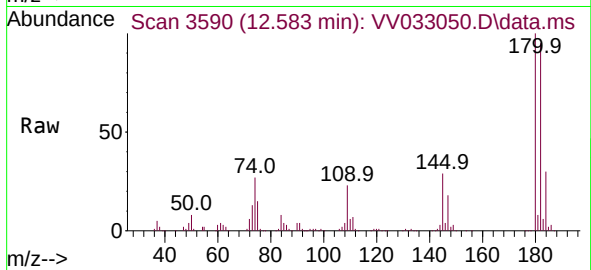
157 125.0 102.5 153.7



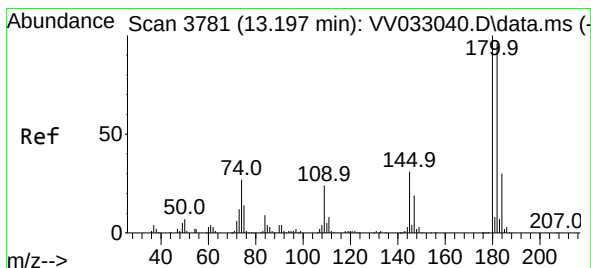
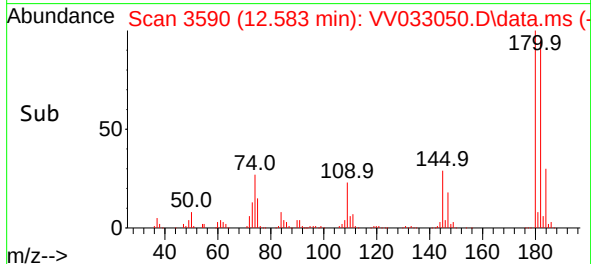
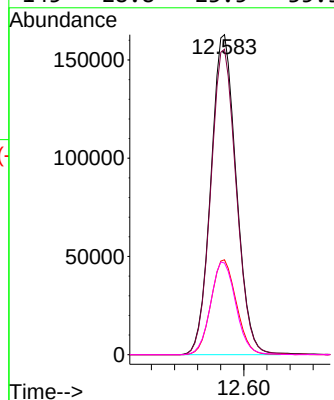


#69
 1,3,5-Trichlorobenzene
 Concen: 47.376 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

Instrument :
 MSVOA_V
 ClientSampleId :

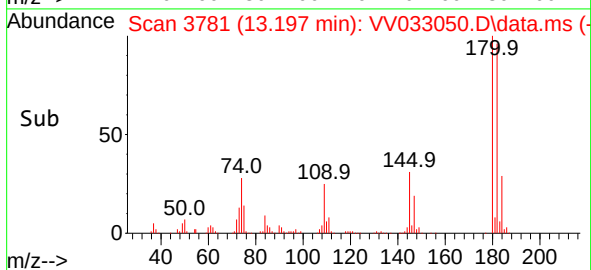
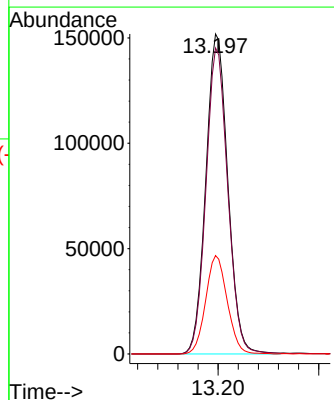
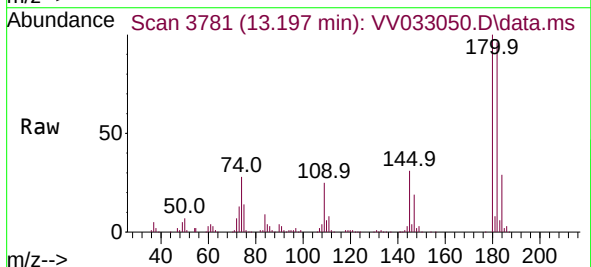


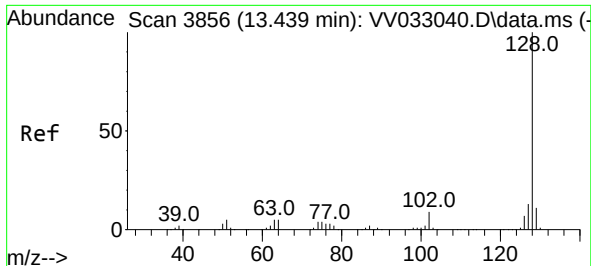
Tgt Ion:180 Resp: 248605
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.6 115.0
 184 29.6 24.5 36.7
 145 28.8 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 48.003 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV033050.D
 Acq: 21 Nov 2023 15:43

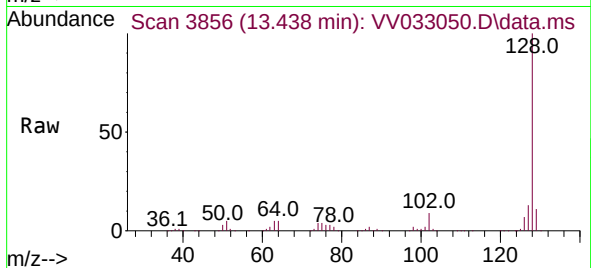
Tgt Ion:180 Resp: 230847
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.8 115.2
 145 30.0 23.2 34.8



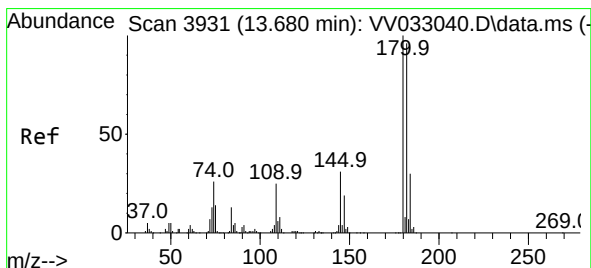
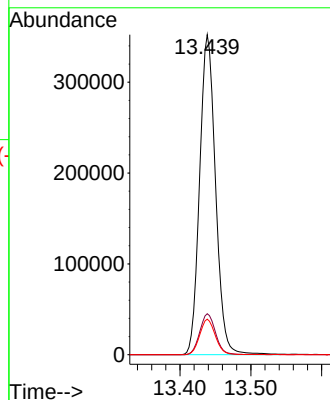
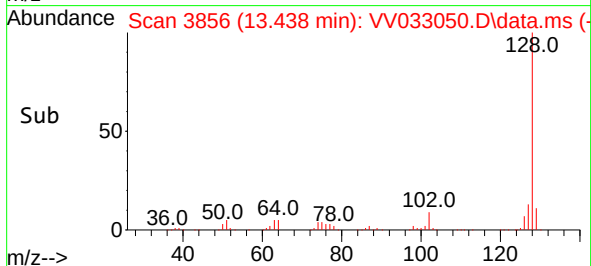


#71
Naphthalene
Concen: 46.213 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43

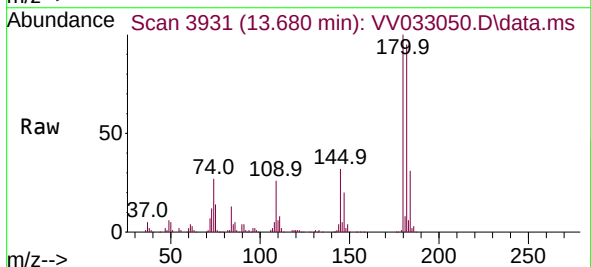
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 549687
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.930 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033050.D
Acq: 21 Nov 2023 15:43



Tgt Ion:180 Resp: 223476
Ion Ratio Lower Upper
180 100
182 96.9 76.6 114.8
145 32.1 25.5 38.3

