

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035454.D
 Acq On : 01 May 2023 20:34
 Operator : JC/MD
 Sample : 02515-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 00:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

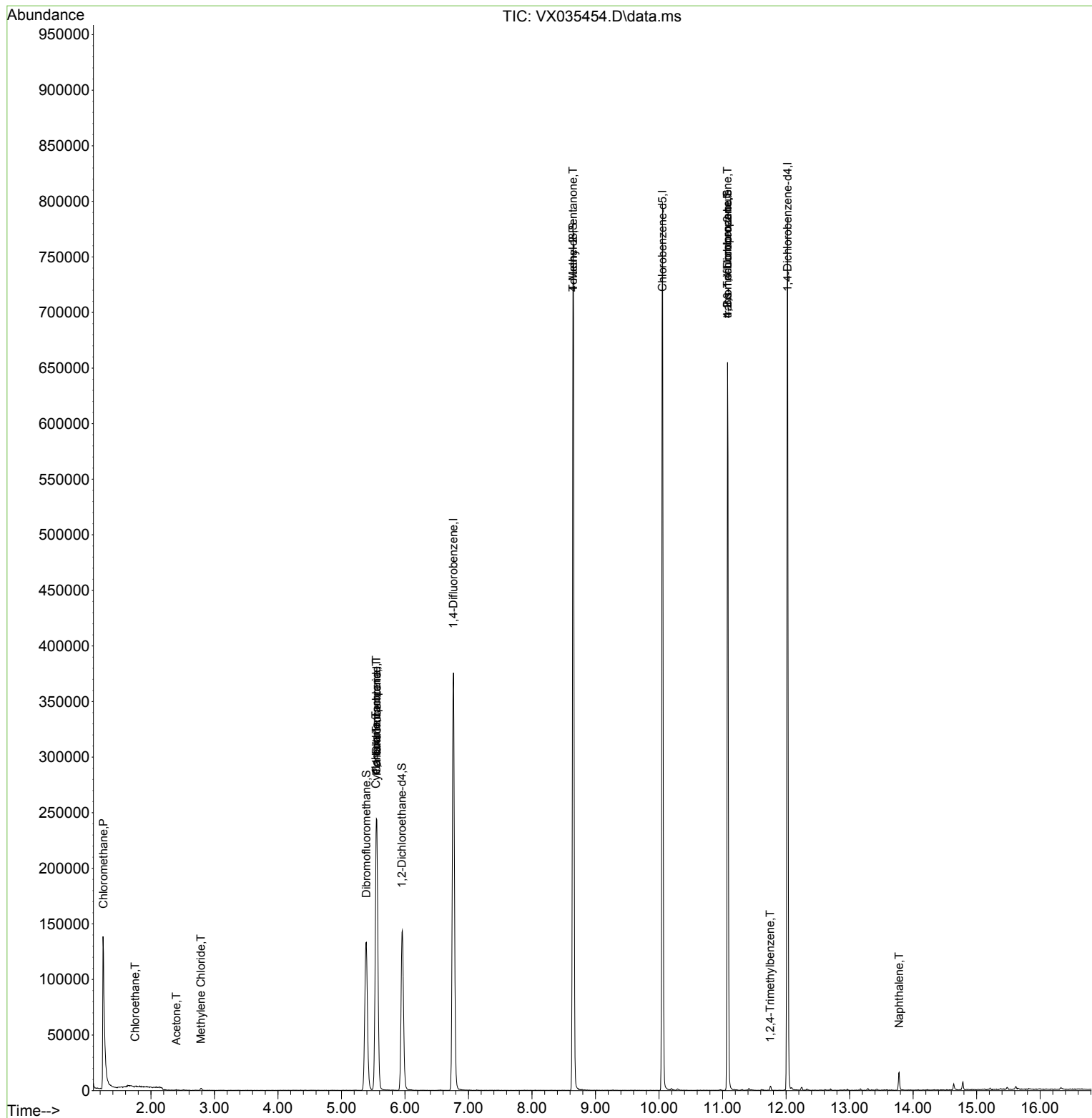
Internal Standards						
1) Pentafluorobenzene	5.556	168	247759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143357	47.960	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.920%		
35) Dibromofluoromethane	5.391	113	121473	49.858	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	8.647	98	467623	50.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.760%		
62) 4-Bromofluorobenzene	11.079	95	178146	51.525	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.060%		
Target Compounds						Qvalue
3) Chloromethane	1.252	50	4226	1.772	ug/l #	42
6) Chloroethane	1.752	64	446	0.319	ug/l #	42
16) Acetone	2.398	43	592	0.456	ug/l #	44
20) Methylene Chloride	2.788	84	834	0.280	ug/l #	71
31) Cyclohexane	5.544	56	4170	0.983	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17016	4.473	ug/l #	53
38) Carbon Tetrachloride	5.550	117	24085	6.669	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1681	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	87032	25.260	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87032	81.812	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	2179	0.204	ug/l	87
95) Naphthalene	13.780	128	12175	1.055	ug/l	100

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

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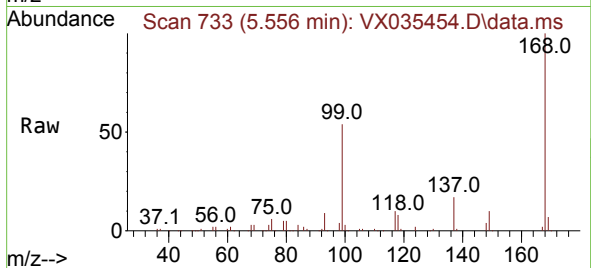
Quant Time: May 02 00:06:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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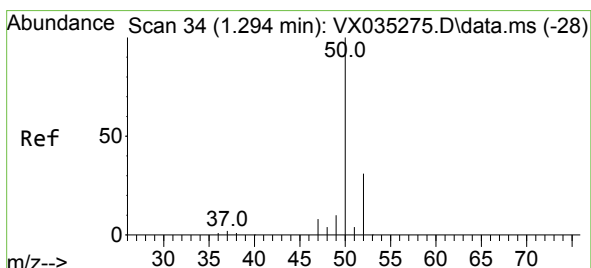
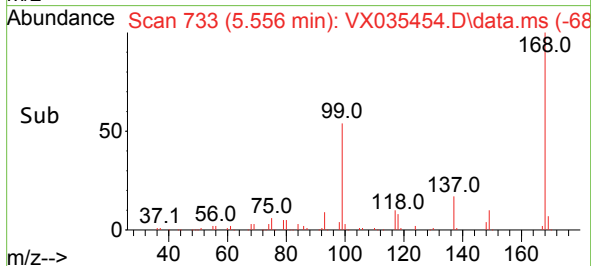
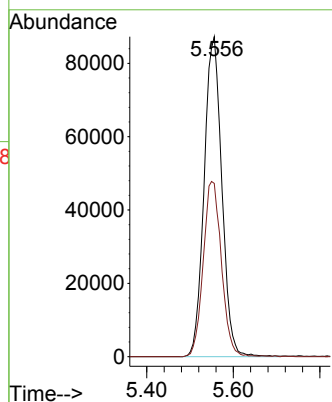


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Instrument :
MSVOA_X
ClientSampleId :

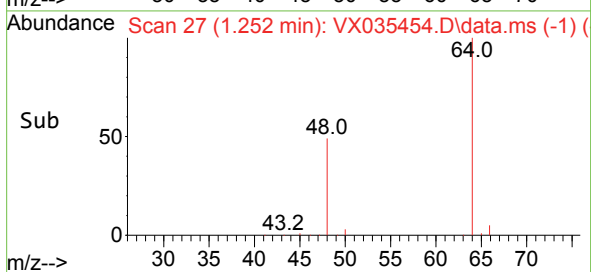
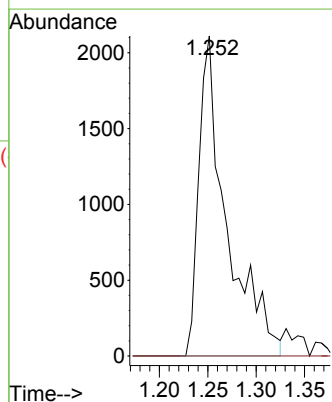
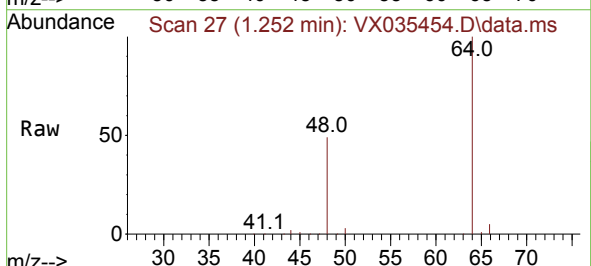


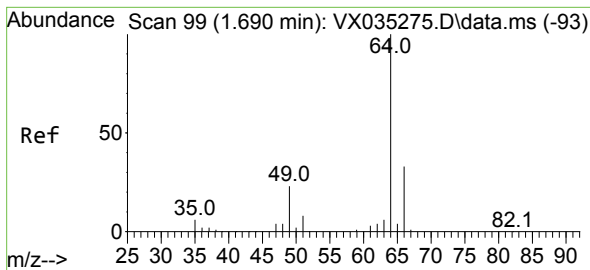
Tgt Ion:168 Resp: 247759
Ion Ratio Lower Upper
168 100
99 54.1 45.7 68.5



#3
Chloromethane
Concen: 1.772 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion: 50 Resp: 4226
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

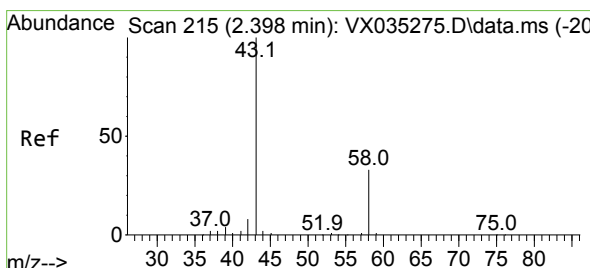
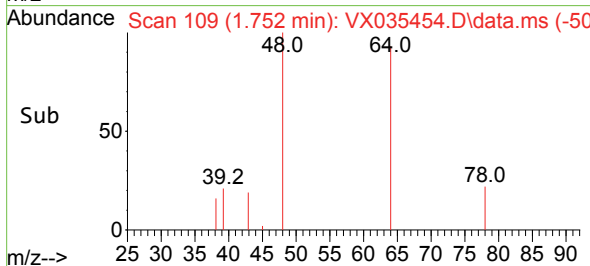
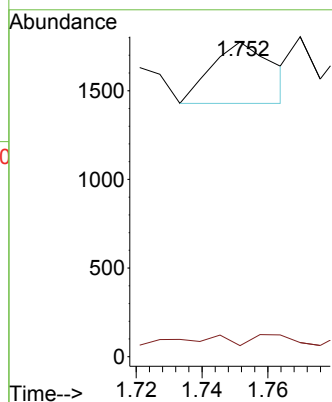
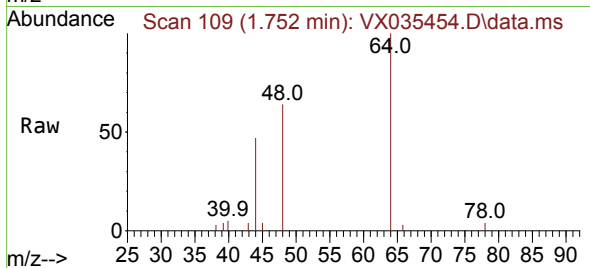




#6
Chloroethane
Concen: 0.319 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.062 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

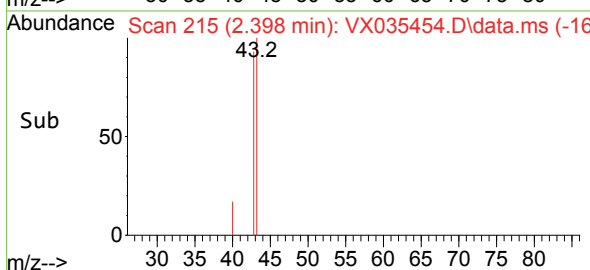
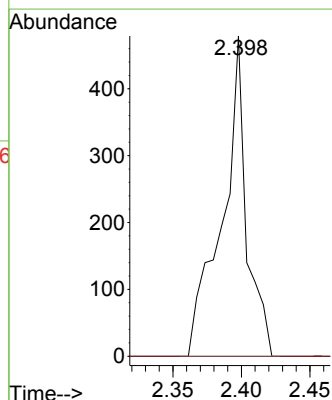
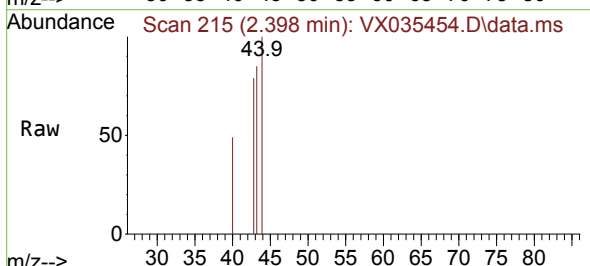
Instrument :
MSVOA_X
ClientSampleId :

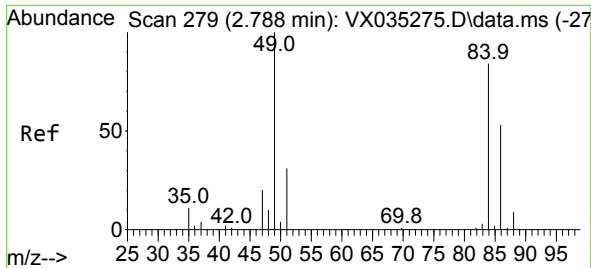
Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.456 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

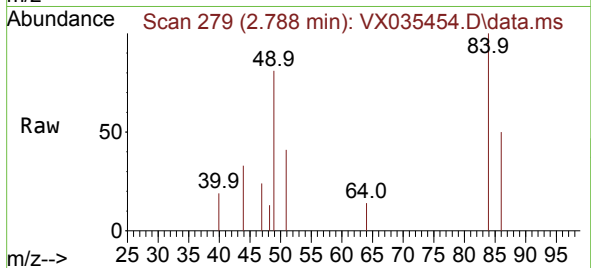
Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



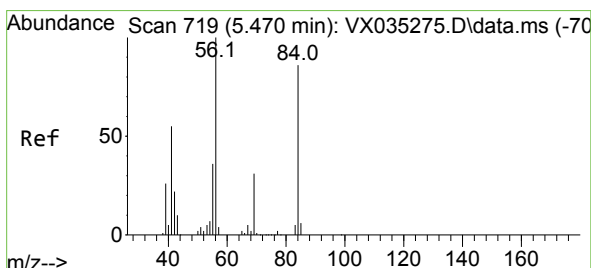
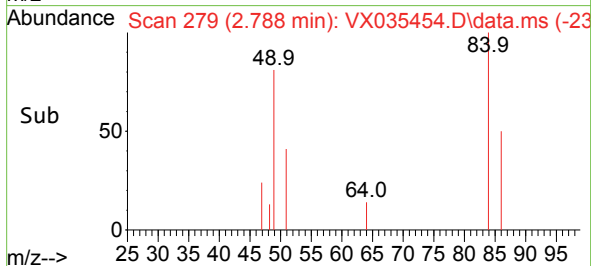
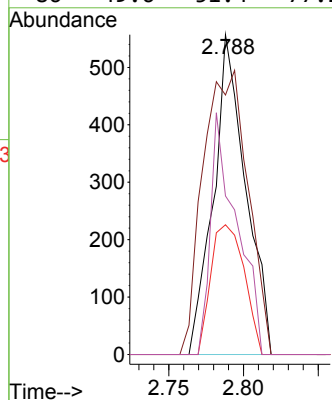


#20
Methylene Chloride
Concen: 0.280 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Instrument :
MSVOA_X
ClientSampleId :

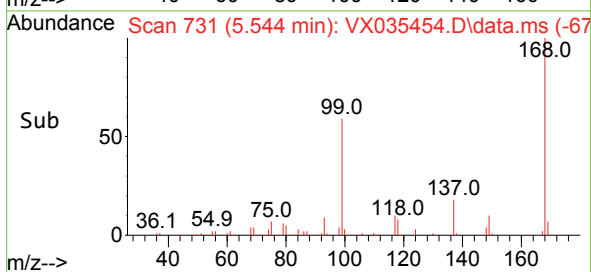
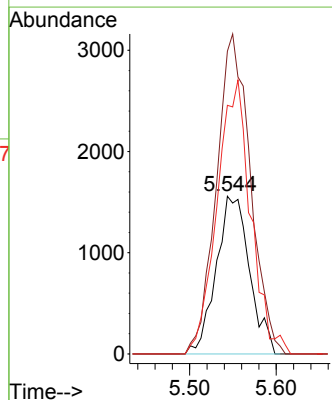
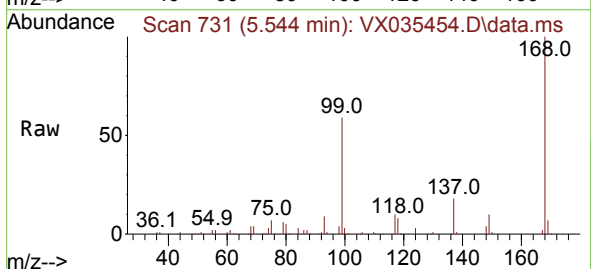


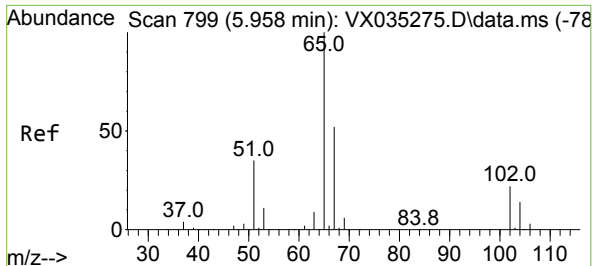
Tgt Ion:	84	Resp:	834
Ion	Ratio	Lower	Upper
84	100		
49	81.1	103.8	155.8#
51	40.6	31.8	47.8
86	49.6	51.4	77.2#



#31
Cyclohexane
Concen: 0.983 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion:	56	Resp:	4170
Ion	Ratio	Lower	Upper
56	100		
69	191.9	23.7	35.5#
84	157.6	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.960 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035454.D

Acq: 01 May 2023 20:34

Instrument :

MSVOA_X

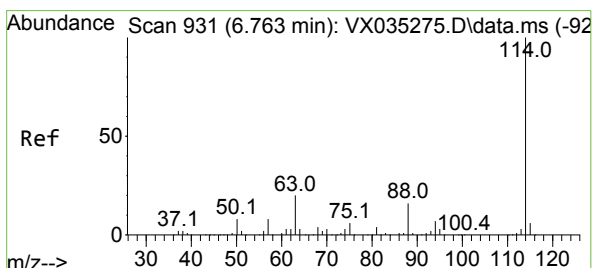
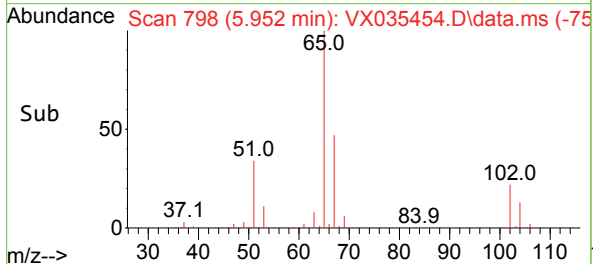
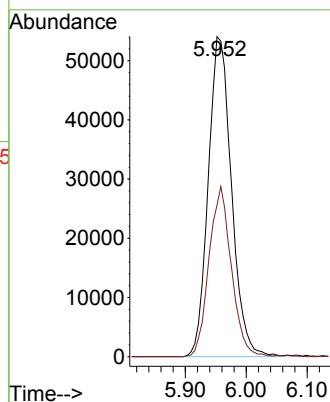
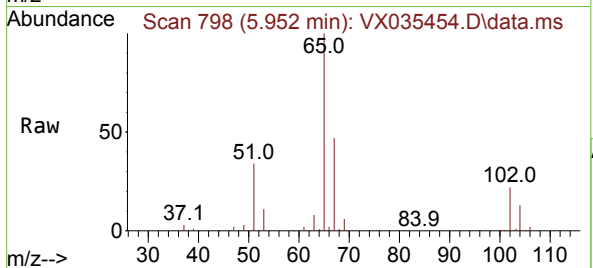
ClientSampleId :

Tgt Ion: 65 Resp: 143357

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035454.D

Acq: 01 May 2023 20:34

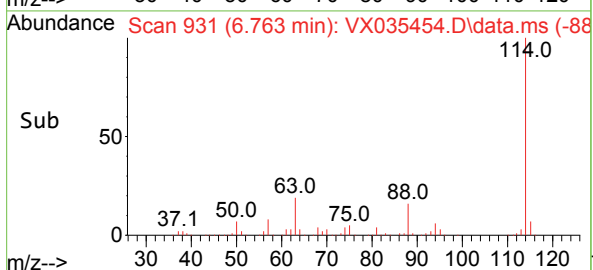
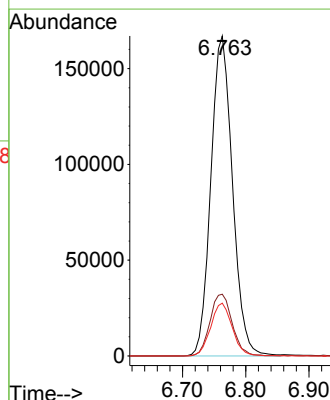
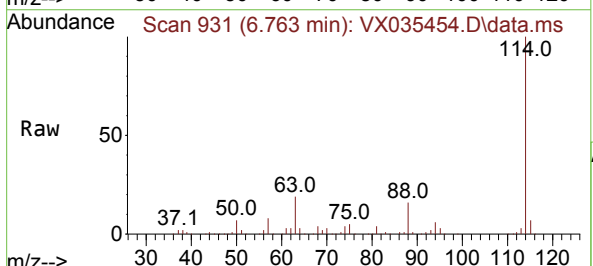
Tgt Ion: 114 Resp: 396954

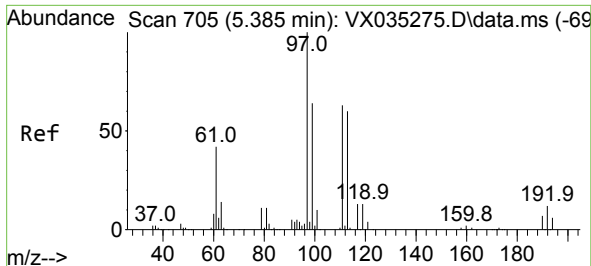
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.2

88 16.5 0.0 33.2

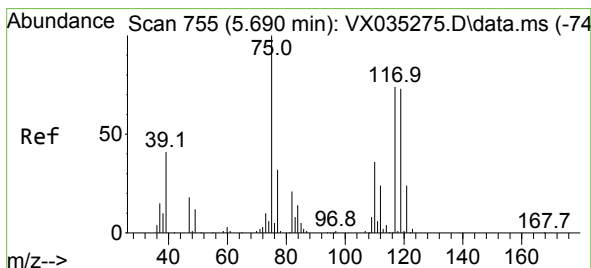
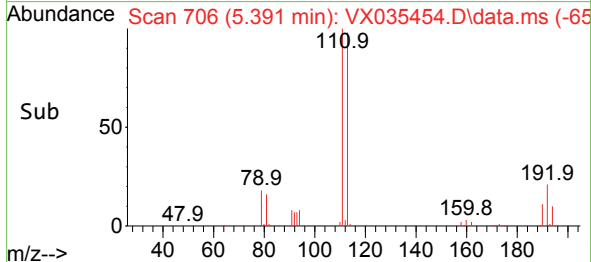
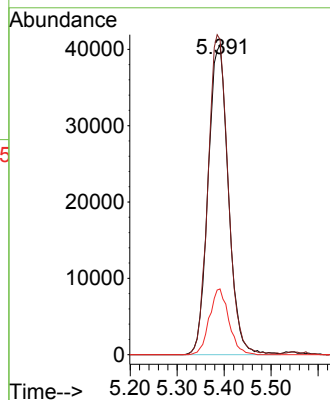
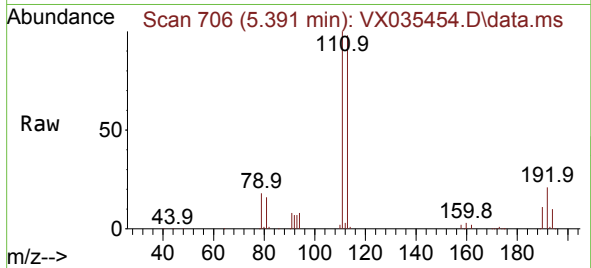




#35
Dibromofluoromethane
Concen: 49.858 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

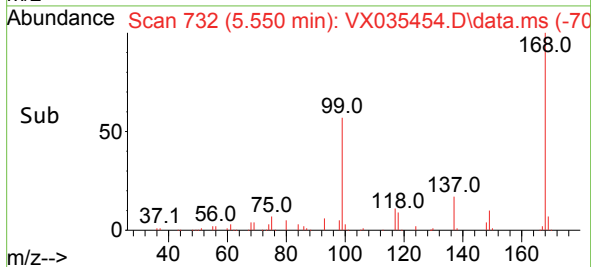
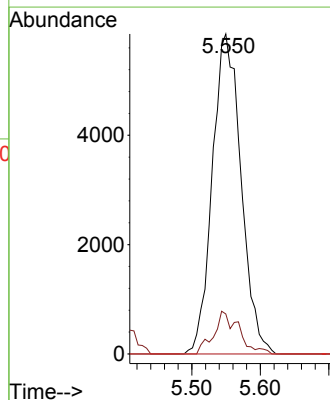
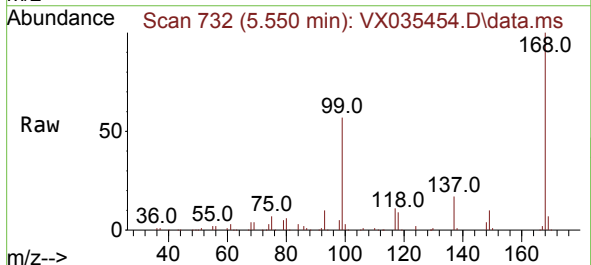
Instrument :
MSVOA_X
ClientSampleId :

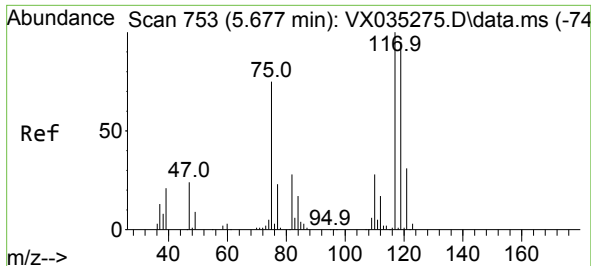
Tgt Ion:113 Resp: 121473
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 20.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.473 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

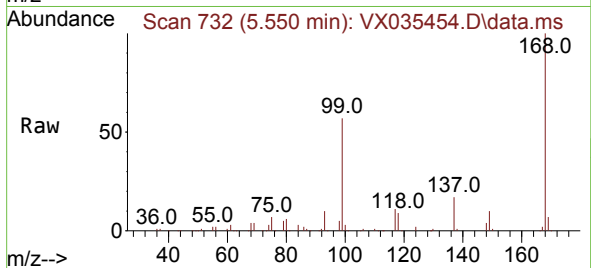
Tgt Ion: 75 Resp: 17016
Ion Ratio Lower Upper
75 100
110 11.7 17.5 52.5#
77 0.0 24.3 36.5#



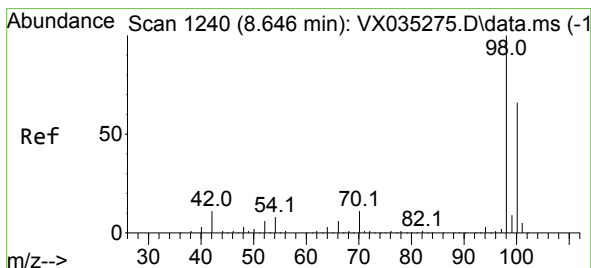
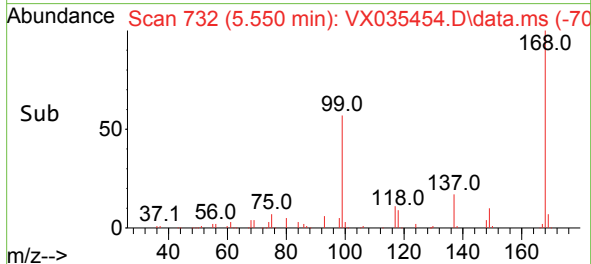
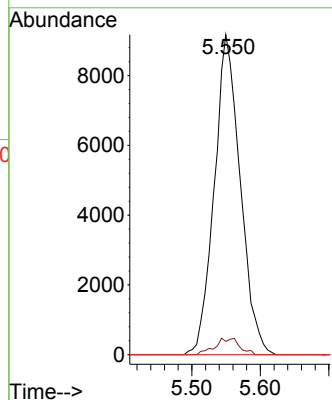


#38
Carbon Tetrachloride
Concen: 6.669 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Instrument :
MSVOA_X
ClientSampleId :

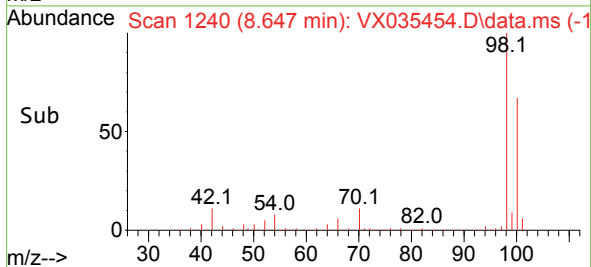
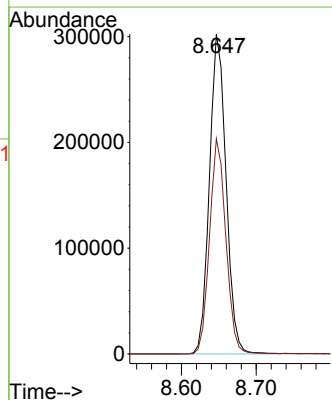
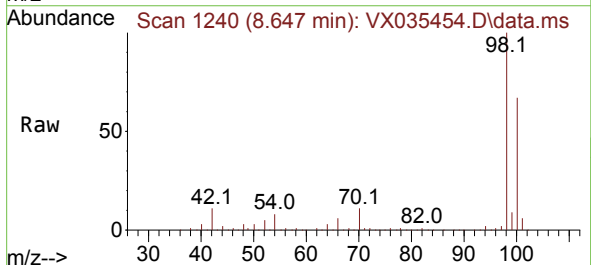


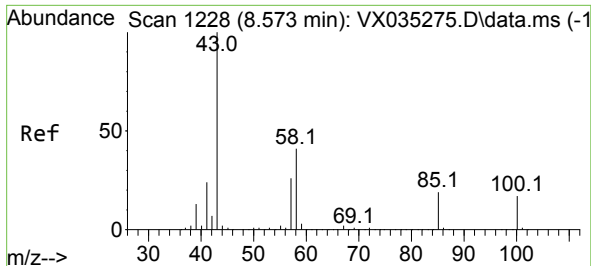
Tgt Ion:117 Resp: 24085
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.879 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion: 98 Resp: 467623
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

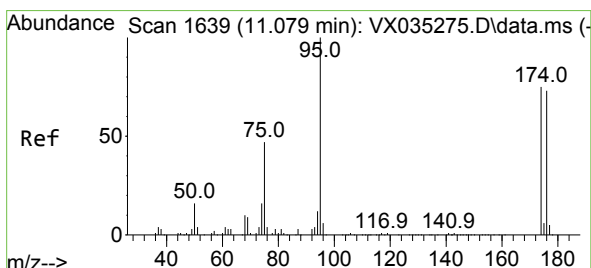
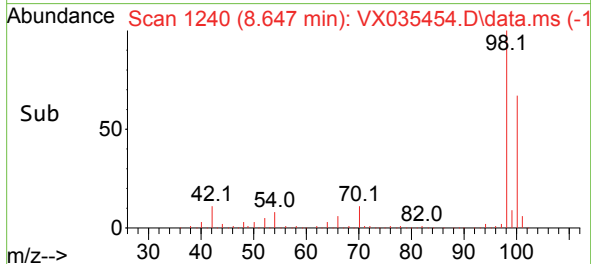
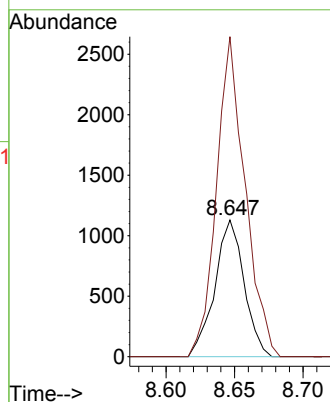
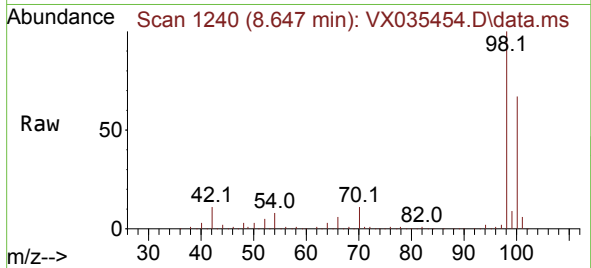




#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

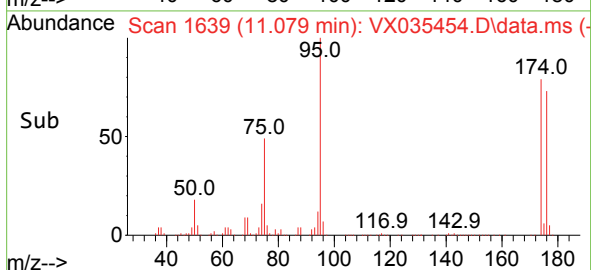
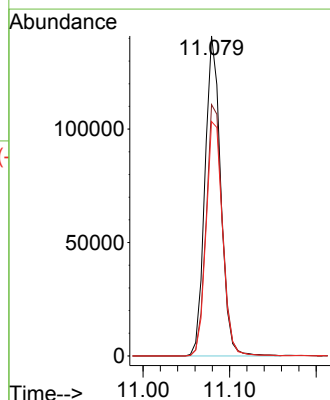
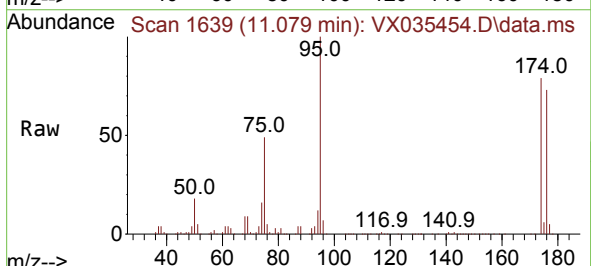
Instrument :
MSVOA_X
ClientSampleId :

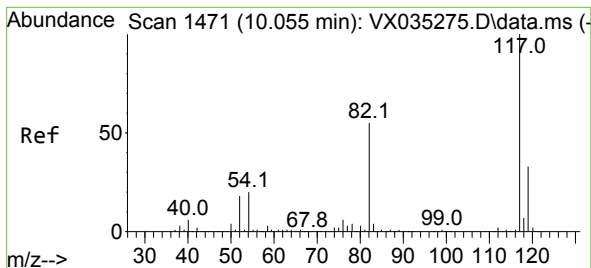
Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
58 228.7 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion: 95 Resp: 178146
Ion Ratio Lower Upper
95 100
174 81.4 0.0 147.4
176 76.9 0.0 140.6

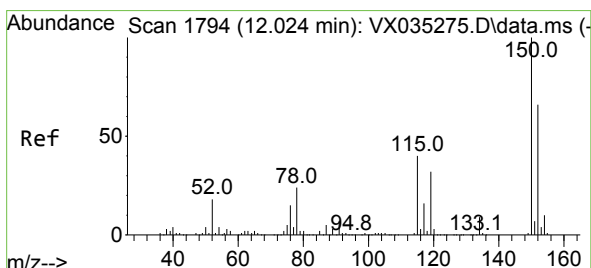
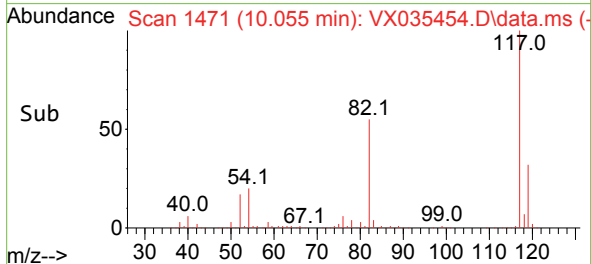
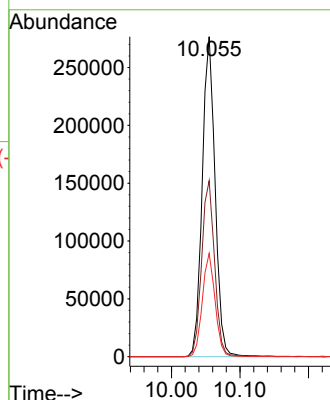
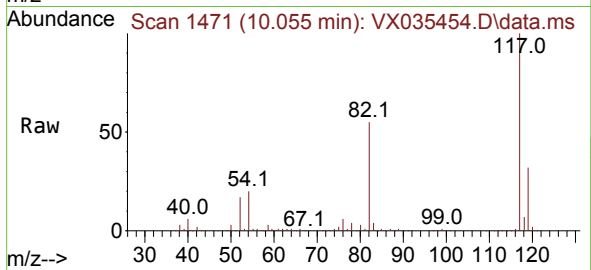




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

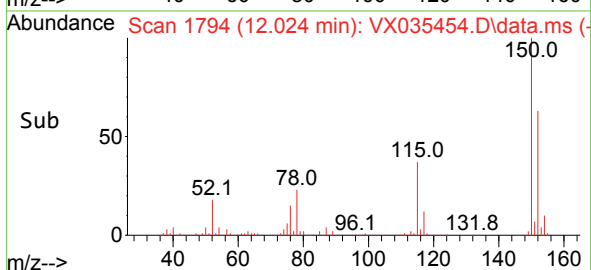
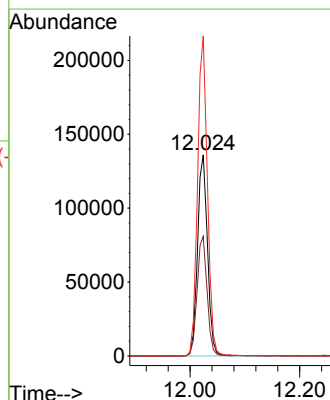
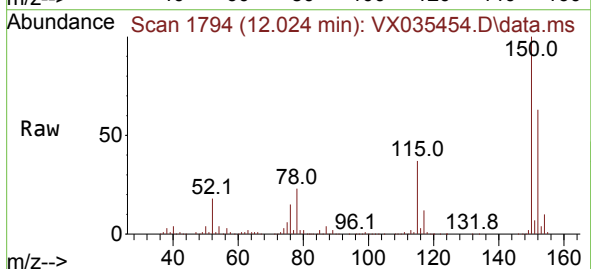
Instrument :
MSVOA_X
ClientSampleId :

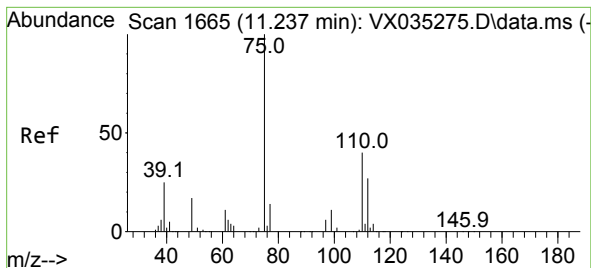
Tgt Ion:117 Resp: 362348
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035454.D
Acq: 01 May 2023 20:34

Tgt Ion:152 Resp: 172725
Ion Ratio Lower Upper
152 100
115 59.5 45.0 135.0
150 157.9 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.260 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035454.D

Acq: 01 May 2023 20:34

Instrument :

MSVOA_X

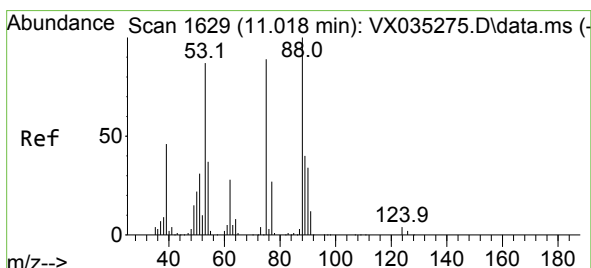
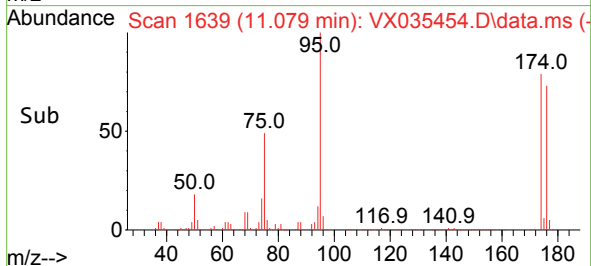
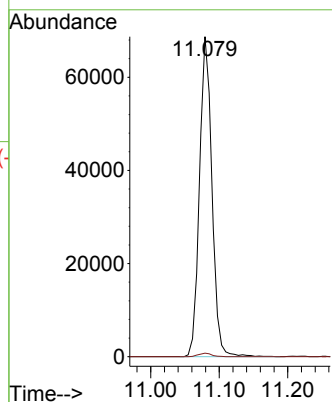
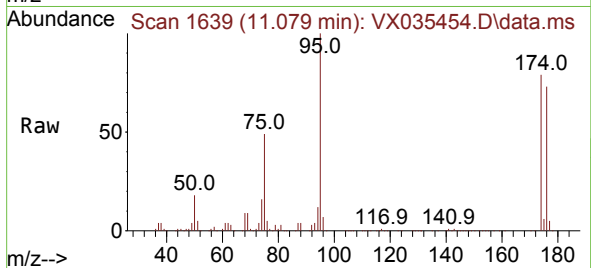
ClientSampleId :

Tgt Ion: 75 Resp: 87032

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.812 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035454.D

Acq: 01 May 2023 20:34

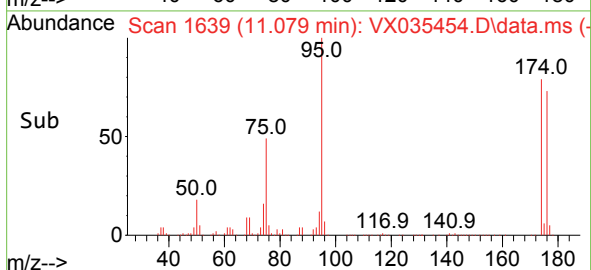
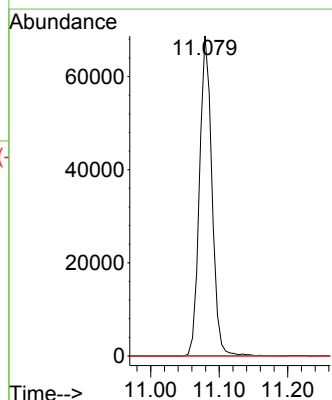
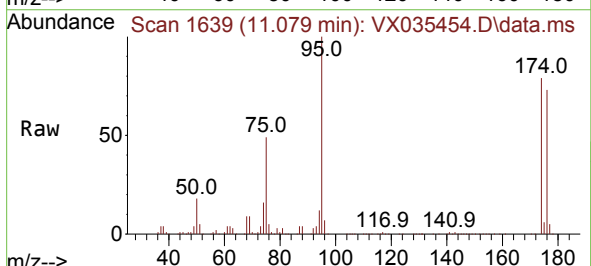
Tgt Ion: 75 Resp: 87032

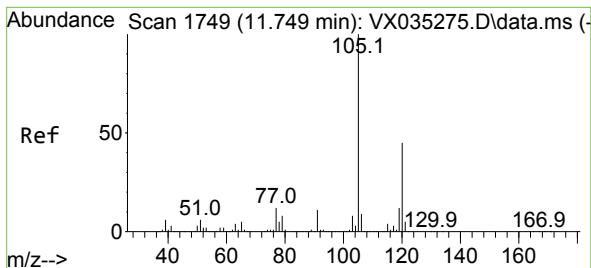
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.204 ug/l

RT: 11.750 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035454.D

Acq: 01 May 2023 20:34

Instrument :

MSVOA_X

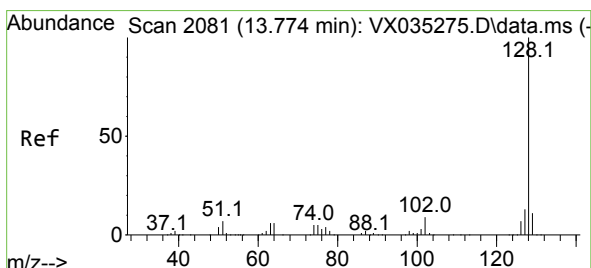
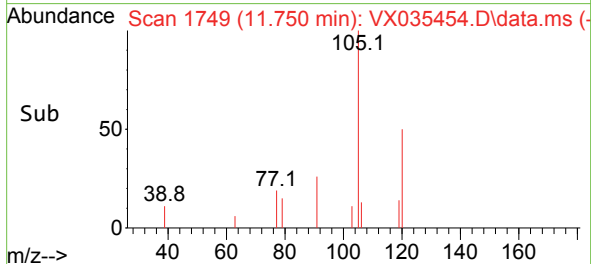
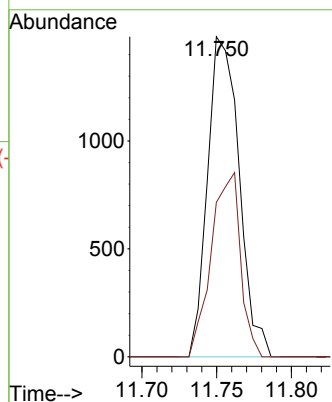
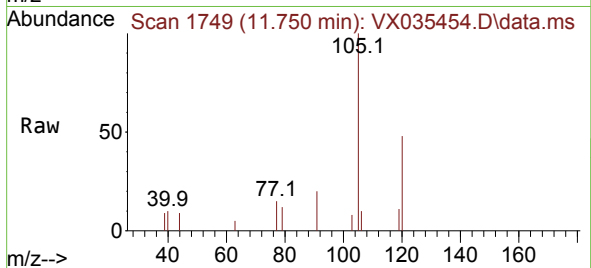
ClientSampleId :

Tgt Ion:105 Resp: 2179

Ion Ratio Lower Upper

105 100

120 53.1 22.4 67.0



#95

Naphthalene

Concen: 1.055 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035454.D

Acq: 01 May 2023 20:34

Tgt Ion:128 Resp: 12175

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.6 13.0

