

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035452.D
 Acq On : 01 May 2023 19:47
 Operator : JC/MD
 Sample : 02515-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 00:05:45 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)

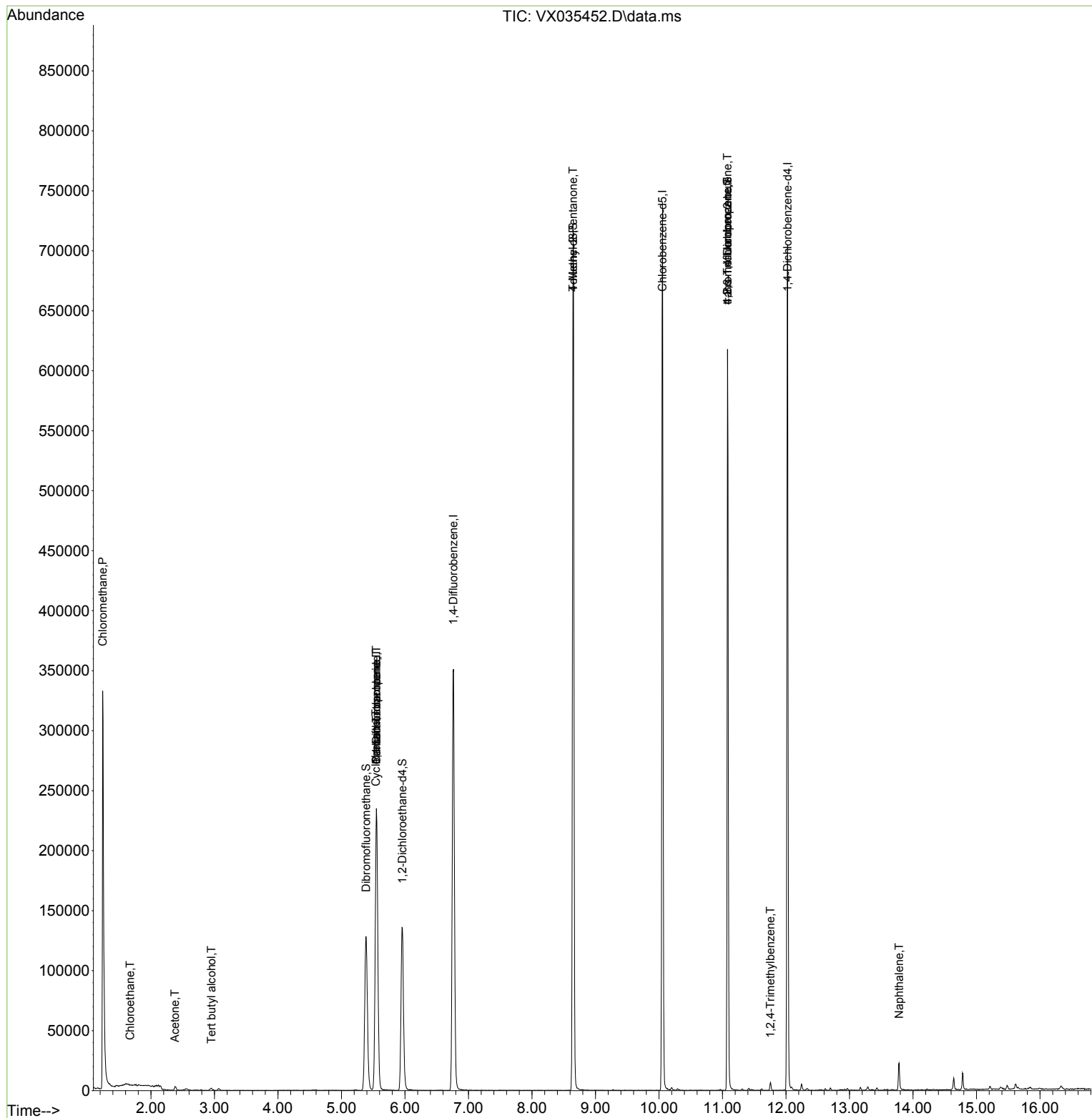
Internal Standards						
1) Pentafluorobenzene	5.550	168	229526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135584	48.963	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.920%		
35) Dibromofluoromethane	5.385	113	116457	50.595	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.200%		
50) Toluene-d8	8.647	98	437318	50.365	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.740%		
62) 4-Bromofluorobenzene	11.079	95	166637	51.016	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.040%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	7668	3.471	ug/l #	42
6) Chloroethane	1.673	64	594	0.458	ug/l #	82
11) Tert butyl alcohol	2.953	59	1279	2.537	ug/l #	73
16) Acetone	2.380	43	3361	2.795	ug/l	92
31) Cyclohexane	5.544	56	4260	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16021	4.458	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22821	6.689	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2003	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80742	25.739	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	80742	83.365	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	3466	0.356	ug/l	88
95) Naphthalene	13.780	128	17328	1.649	ug/l	99

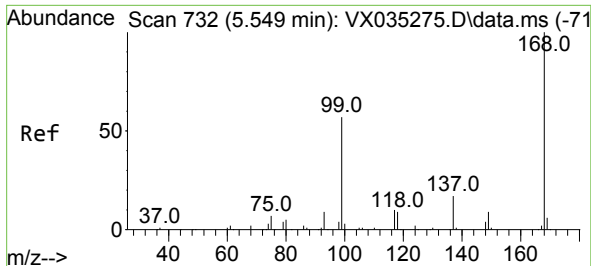
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

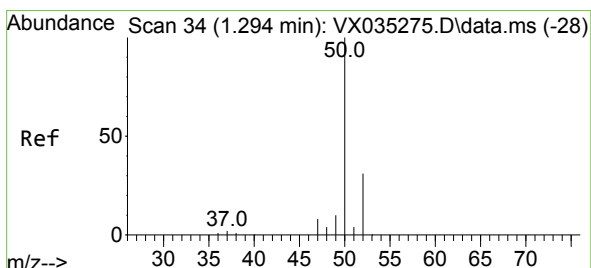
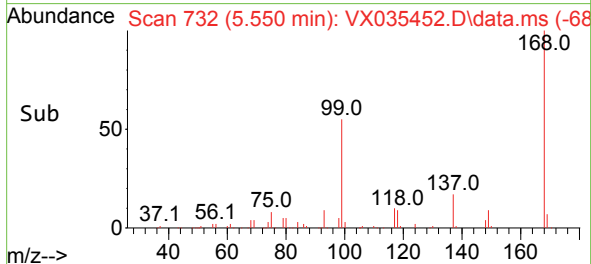
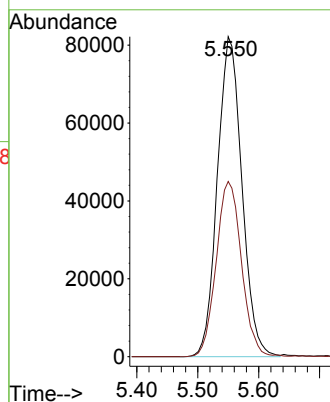
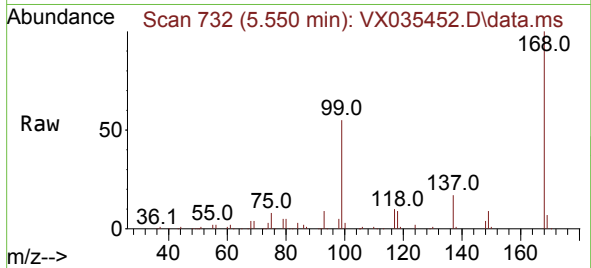




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

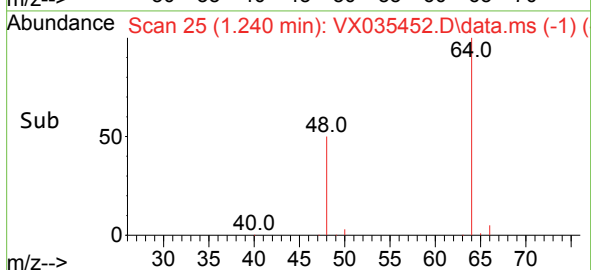
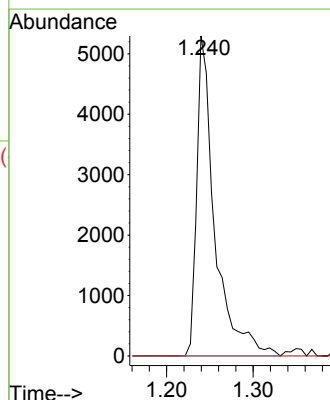
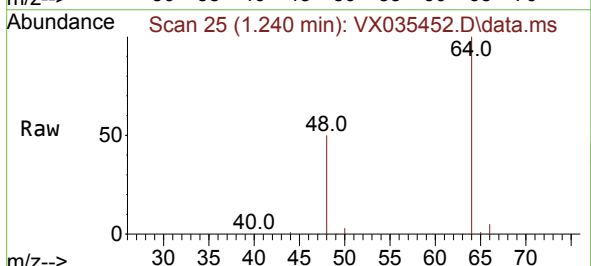
Instrument :
MSVOA_X
ClientSampleId :

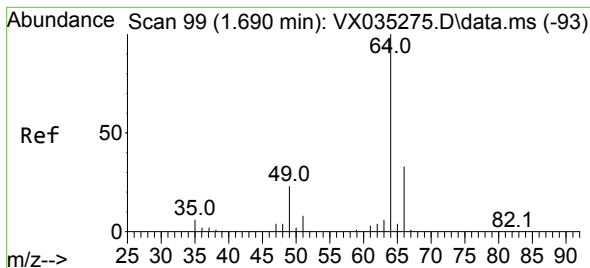
Tgt Ion:168 Resp: 229526
Ion Ratio Lower Upper
168 100
99 54.7 45.7 68.5



#3
Chloromethane
Concen: 3.471 ug/l
RT: 1.240 min Scan# 25
Delta R.T. -0.054 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

Tgt Ion: 50 Resp: 7668
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#6

Chloroethane

Concen: 0.458 ug/l

RT: 1.673 min Scan# 90

Delta R.T. -0.017 min

Lab File: VX035452.D

Acq: 01 May 2023 19:47

Instrument :

MSVOA_X

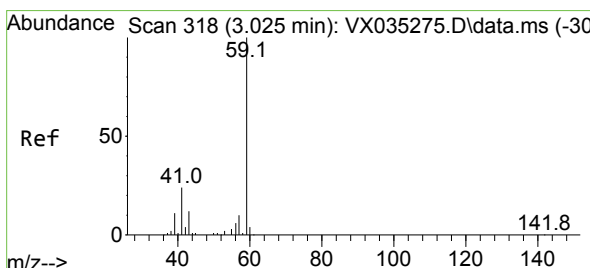
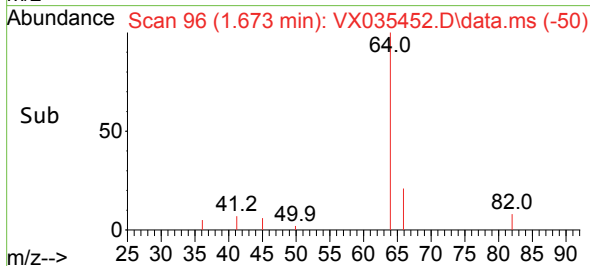
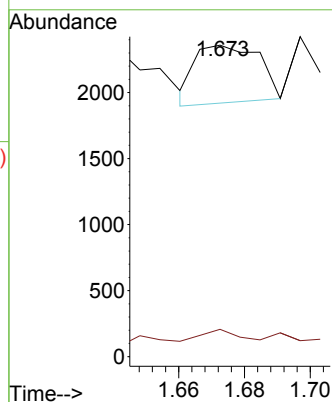
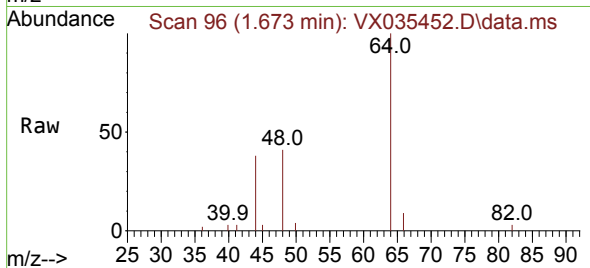
ClientSampleId :

Tgt Ion: 64 Resp: 594

Ion Ratio Lower Upper

64 100

66 22.5 26.2 39.4#



#11

Tert butyl alcohol

Concen: 2.537 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.072 min

Lab File: VX035452.D

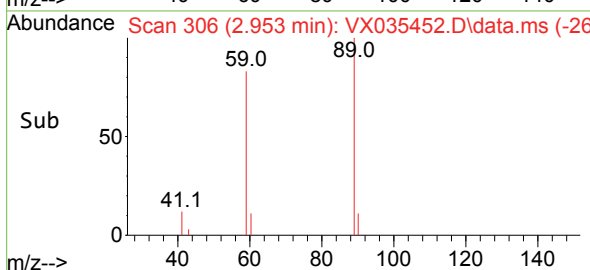
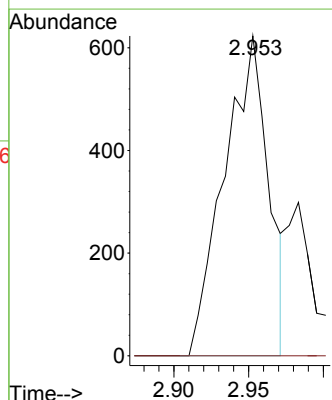
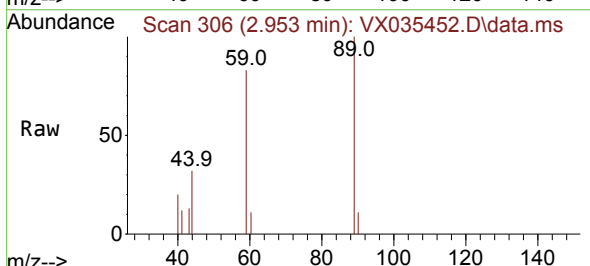
Acq: 01 May 2023 19:47

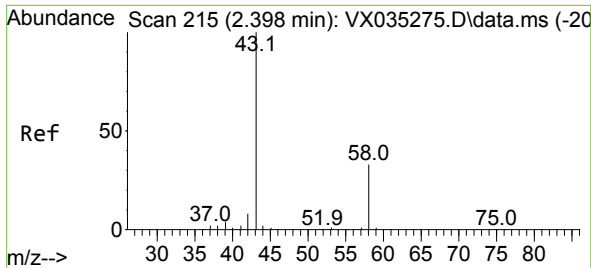
Tgt Ion: 59 Resp: 1279

Ion Ratio Lower Upper

59 100

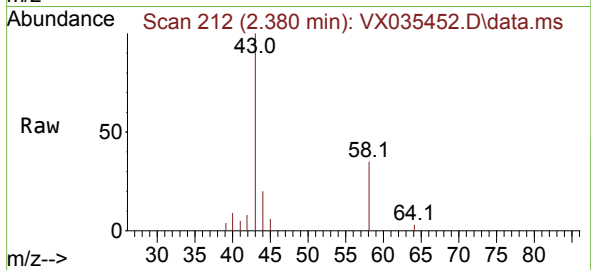
57 0.0 8.1 12.1#



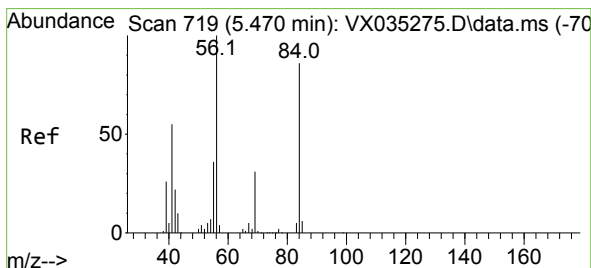
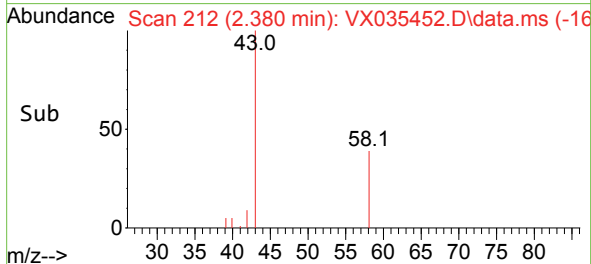
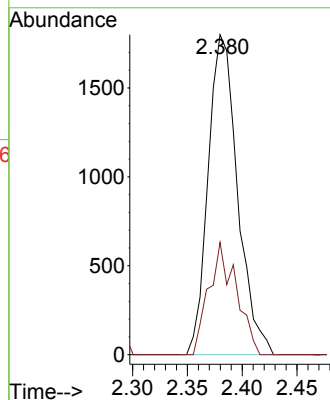


#16
Acetone
Concen: 2.795 ug/l
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :

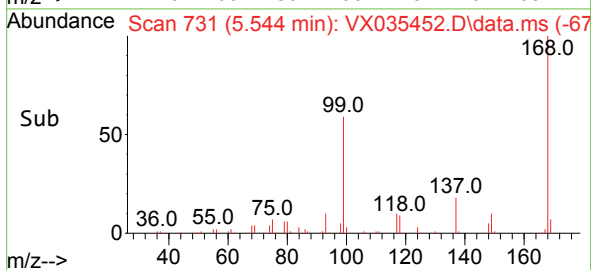
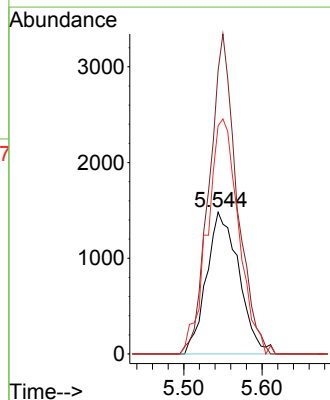
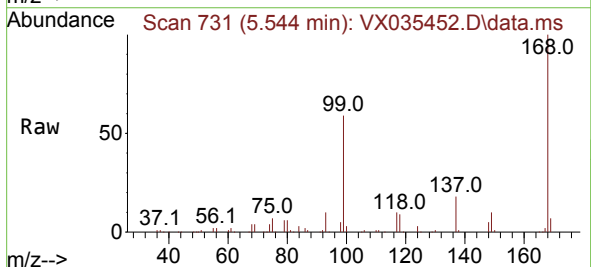


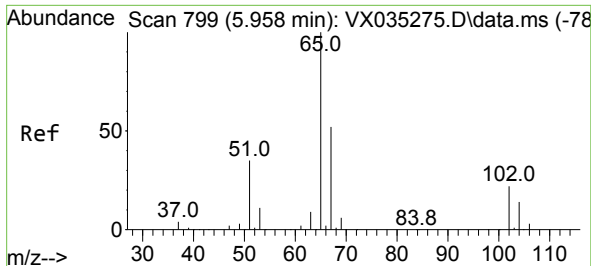
Tgt Ion: 43 Resp: 3361
Ion Ratio Lower Upper
43 100
58 35.1 24.7 37.1



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

Tgt Ion: 56 Resp: 4260
Ion Ratio Lower Upper
56 100
69 200.1 23.7 35.5#
84 160.9 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.963 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035452.D

Acq: 01 May 2023 19:47

Instrument :

MSVOA_X

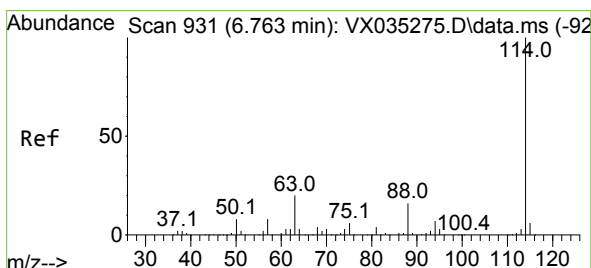
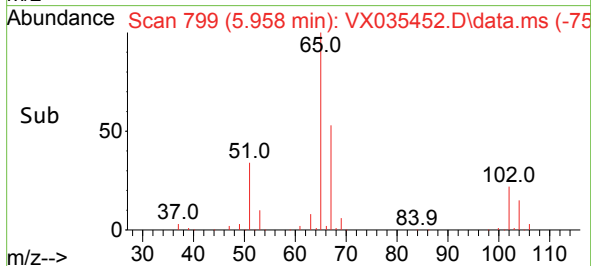
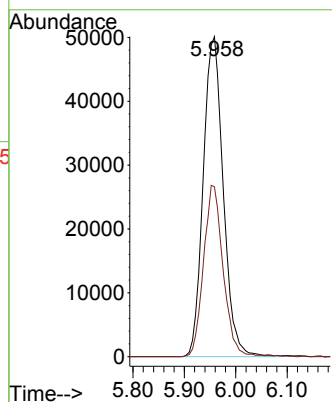
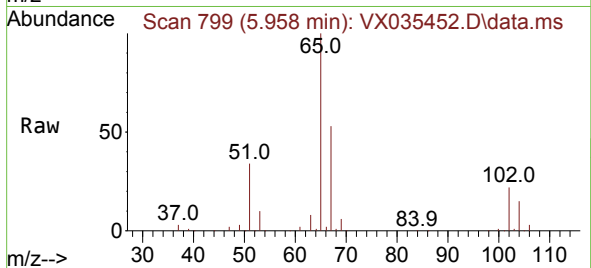
ClientSampleId :

Tgt Ion: 65 Resp: 135584

Ion Ratio Lower Upper

65 100

67 52.3 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: VX035452.D

Acq: 01 May 2023 19:47

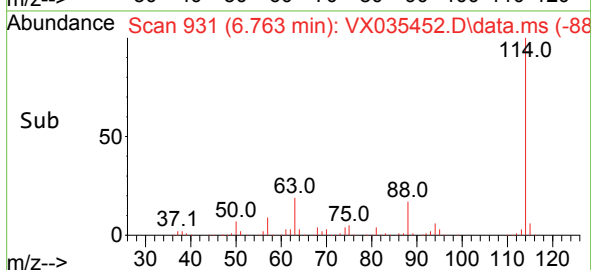
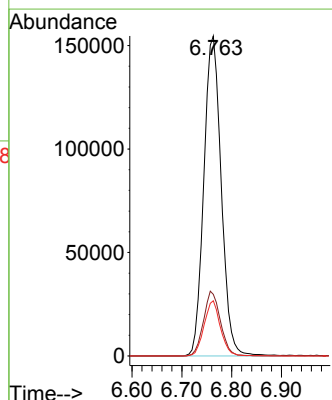
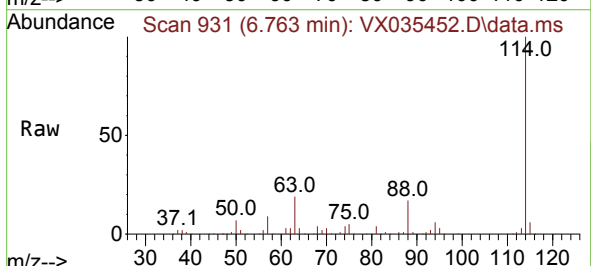
Tgt Ion: 114 Resp: 375016

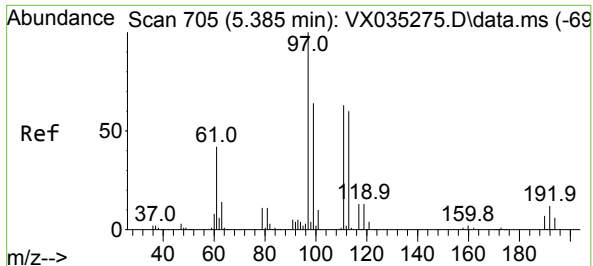
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.2

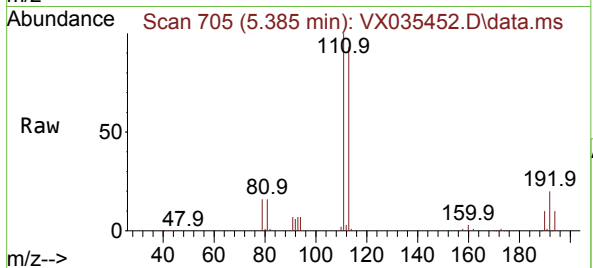
88 17.2 0.0 33.2



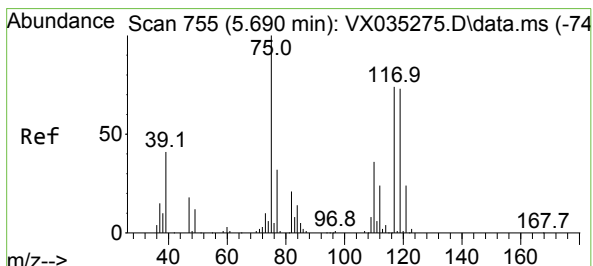
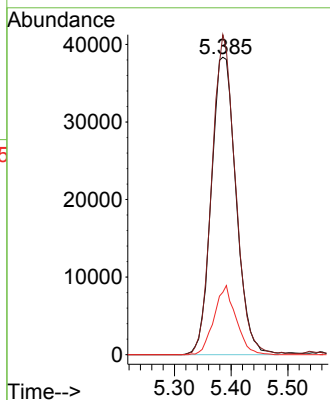
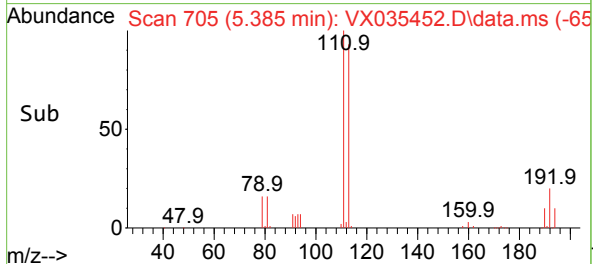


#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

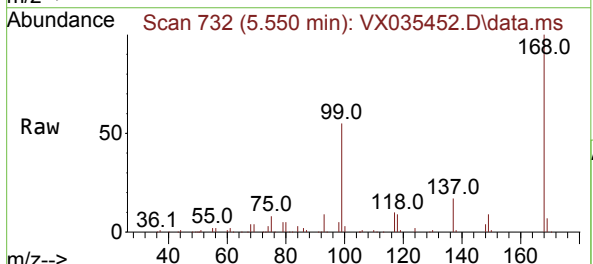
Instrument :
MSVOA_X
ClientSampleId :



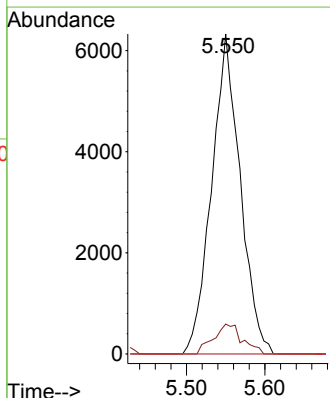
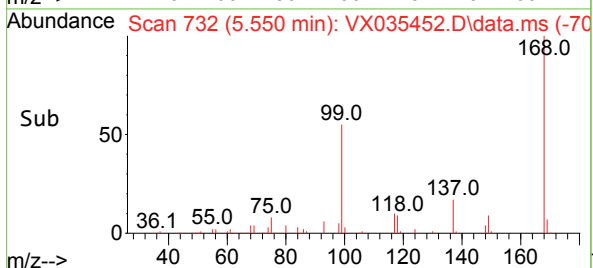
Tgt Ion:113 Resp: 116457
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 20.6 15.4 23.2

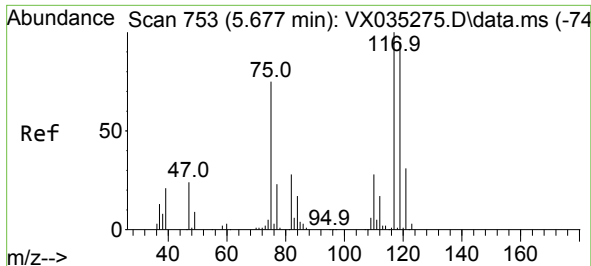


#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47



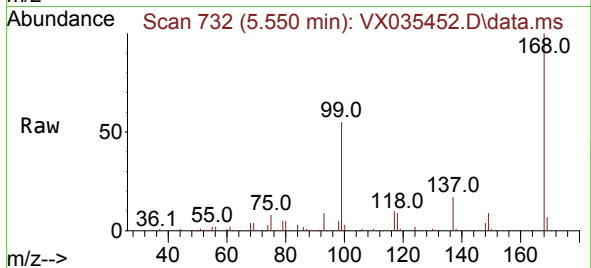
Tgt Ion: 75 Resp: 16021
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



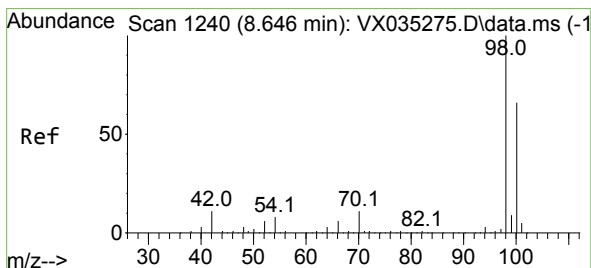
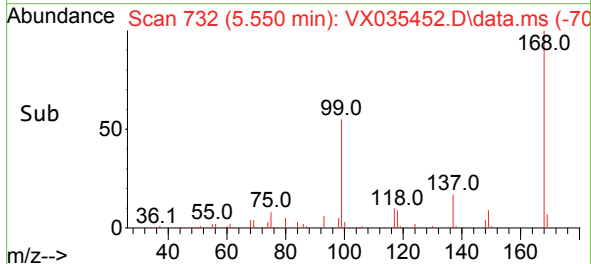
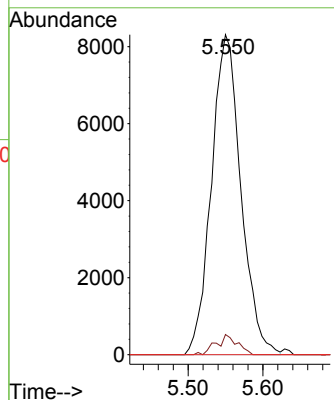


#38
Carbon Tetrachloride
Concen: 6.689 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

Instrument :
MSVOA_X
ClientSampleId :

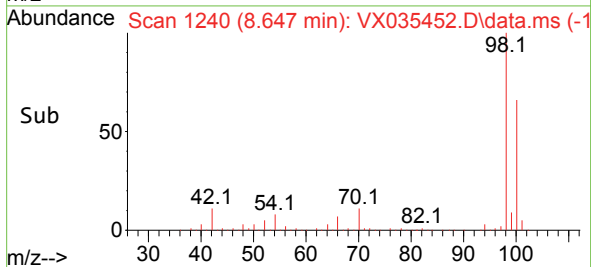
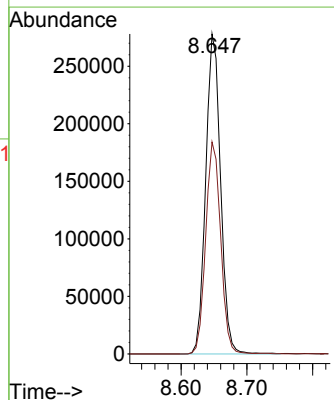
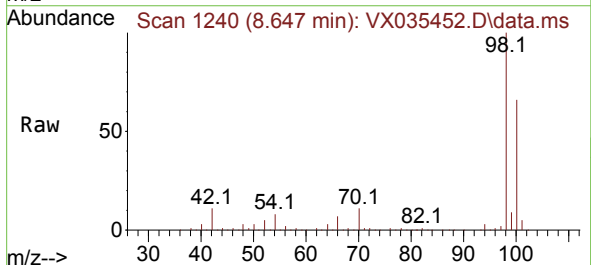


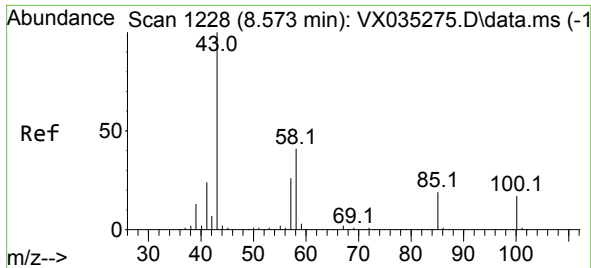
Tgt Ion:117 Resp: 22821
Ion Ratio Lower Upper
117 100
119 6.3 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

Tgt Ion: 98 Resp: 437318
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

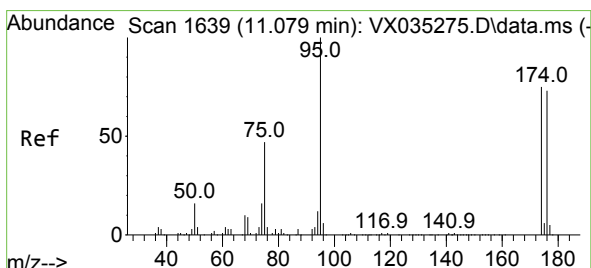
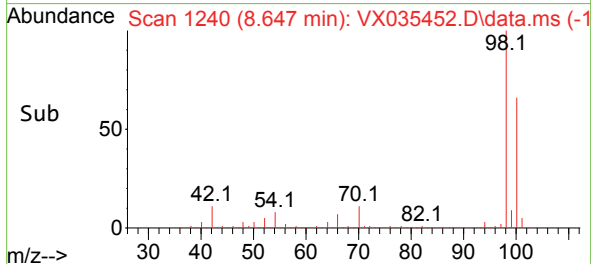
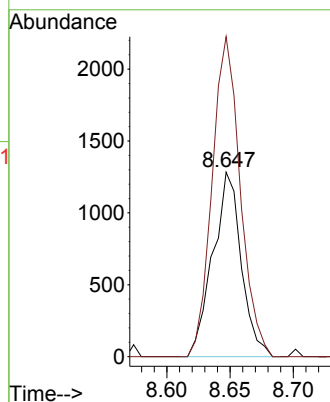
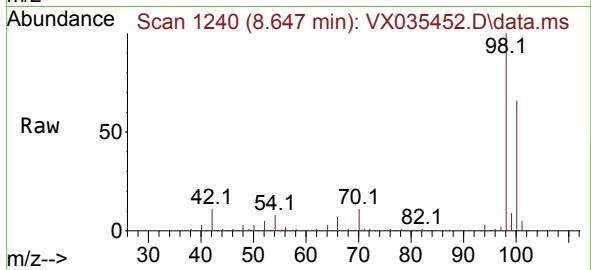




#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

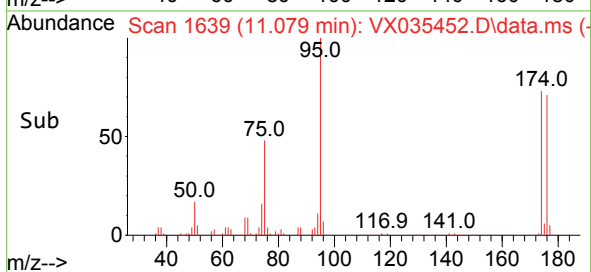
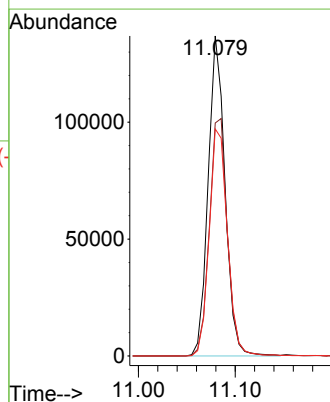
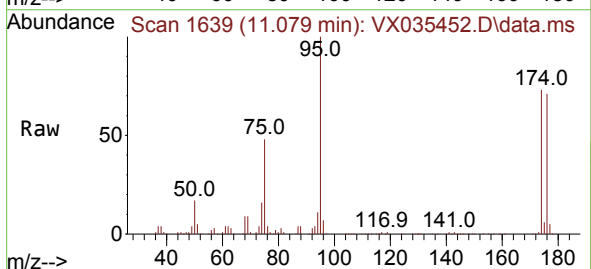
Instrument :
MSVOA_X
ClientSampleId :

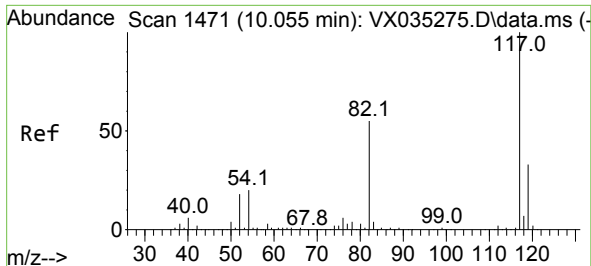
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
58 171.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.016 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

Tgt Ion: 95 Resp: 166637
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 76.7 0.0 140.6

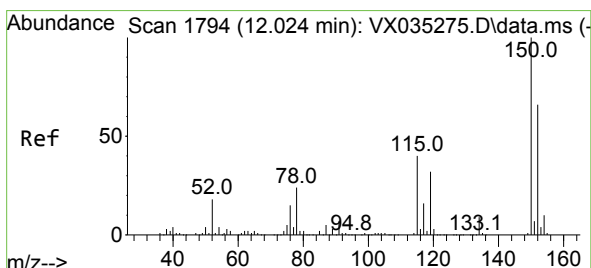
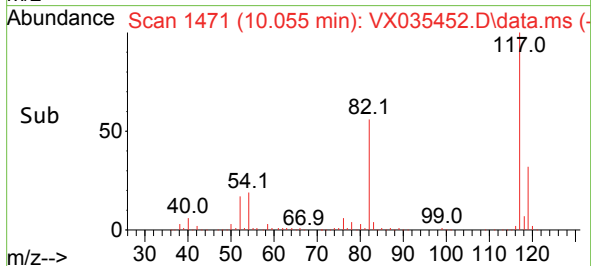
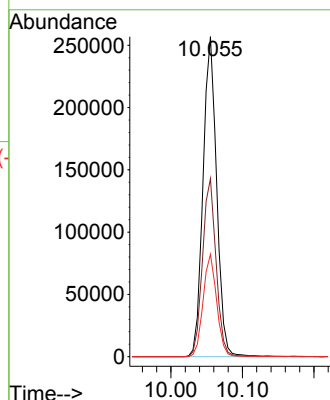
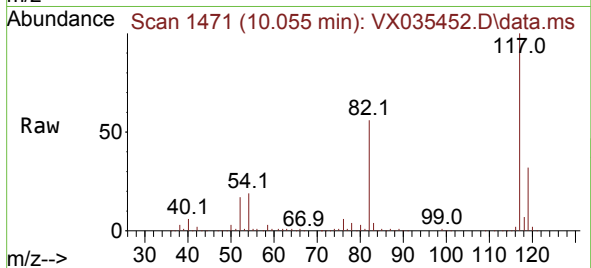




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

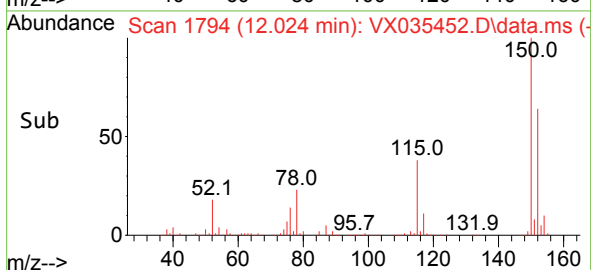
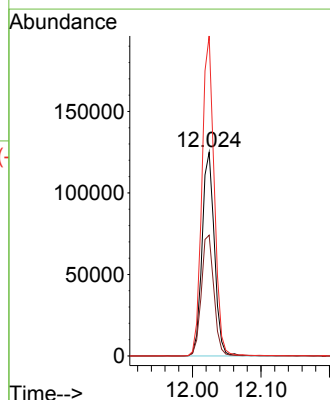
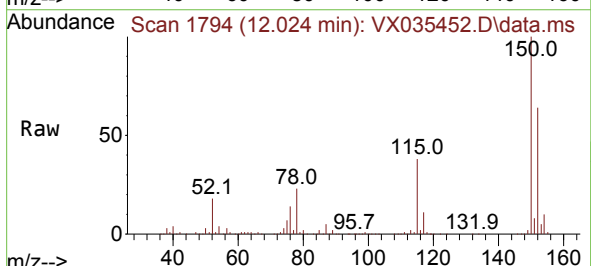
Instrument :
MSVOA_X
ClientSampleId :

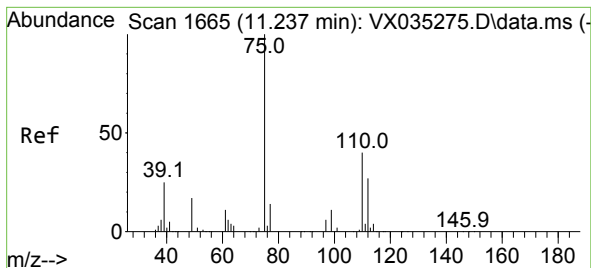
Tgt Ion:117 Resp: 340138
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035452.D
Acq: 01 May 2023 19:47

Tgt Ion:152 Resp: 157256
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 156.2 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.739 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035452.D

Acq: 01 May 2023 19:47

Instrument :

MSVOA_X

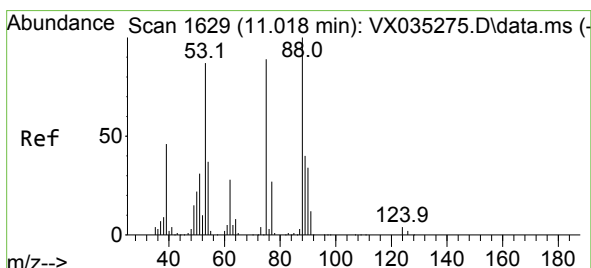
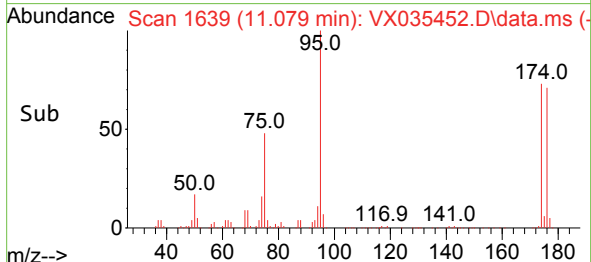
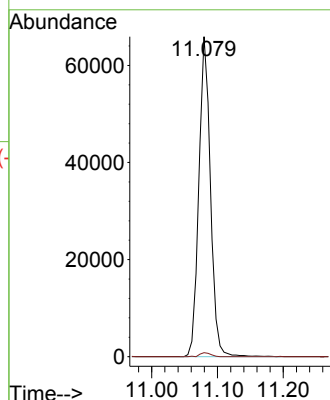
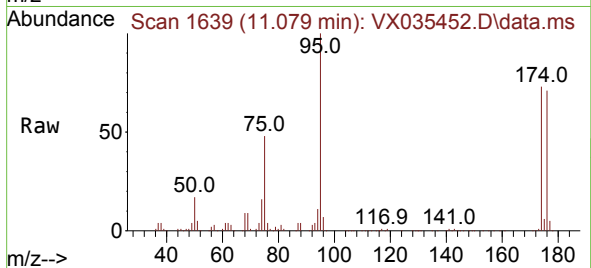
ClientSampleId :

Tgt Ion: 75 Resp: 80742

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 83.365 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035452.D

Acq: 01 May 2023 19:47

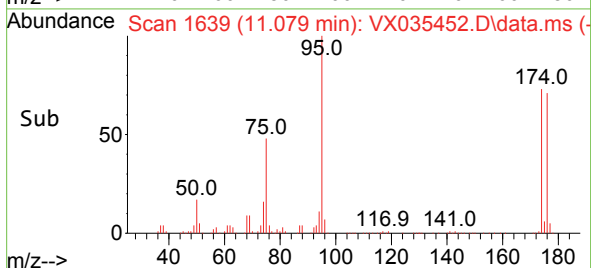
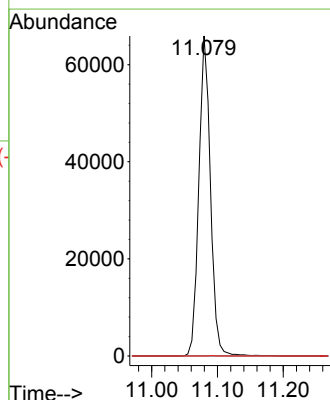
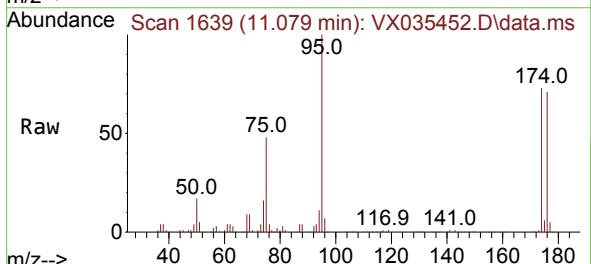
Tgt Ion: 75 Resp: 80742

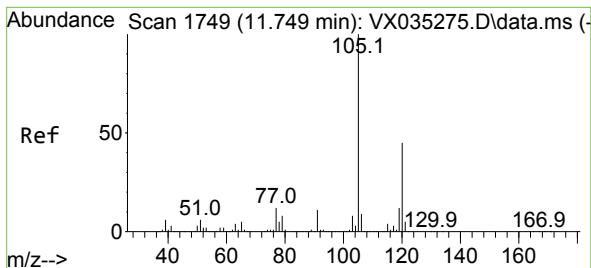
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.356 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX035452.D

Acq: 01 May 2023 19:47

Instrument :

MSVOA_X

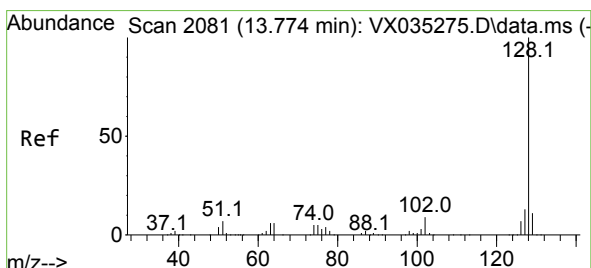
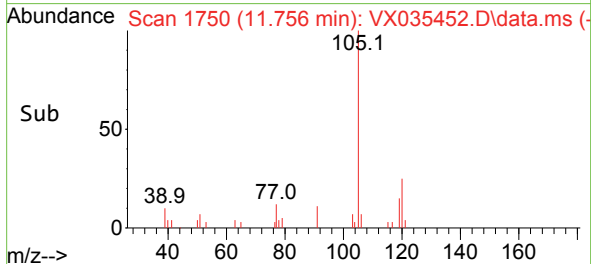
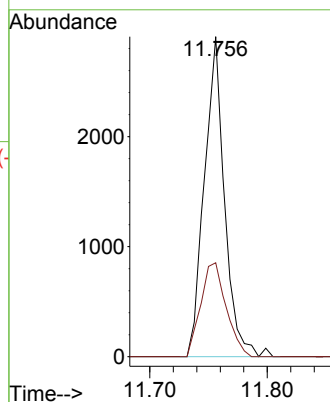
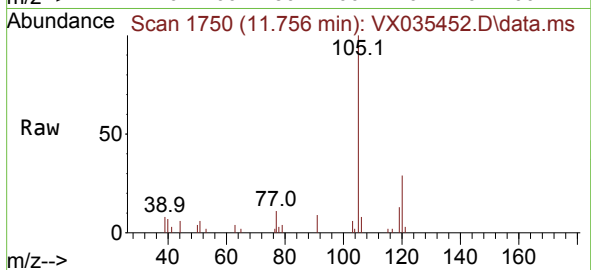
ClientSampleId :

Tgt Ion:105 Resp: 3466

Ion Ratio Lower Upper

105 100

120 37.0 22.4 67.0



#95

Naphthalene

Concen: 1.649 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035452.D

Acq: 01 May 2023 19:47

Tgt Ion:128 Resp: 17328

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.1 8.6 13.0

