

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032457.D
 Acq On : 28 Oct 2022 14:16
 Operator : JC/MD
 Sample : N5355-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5518-1

Quant Time: Oct 29 04:32:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

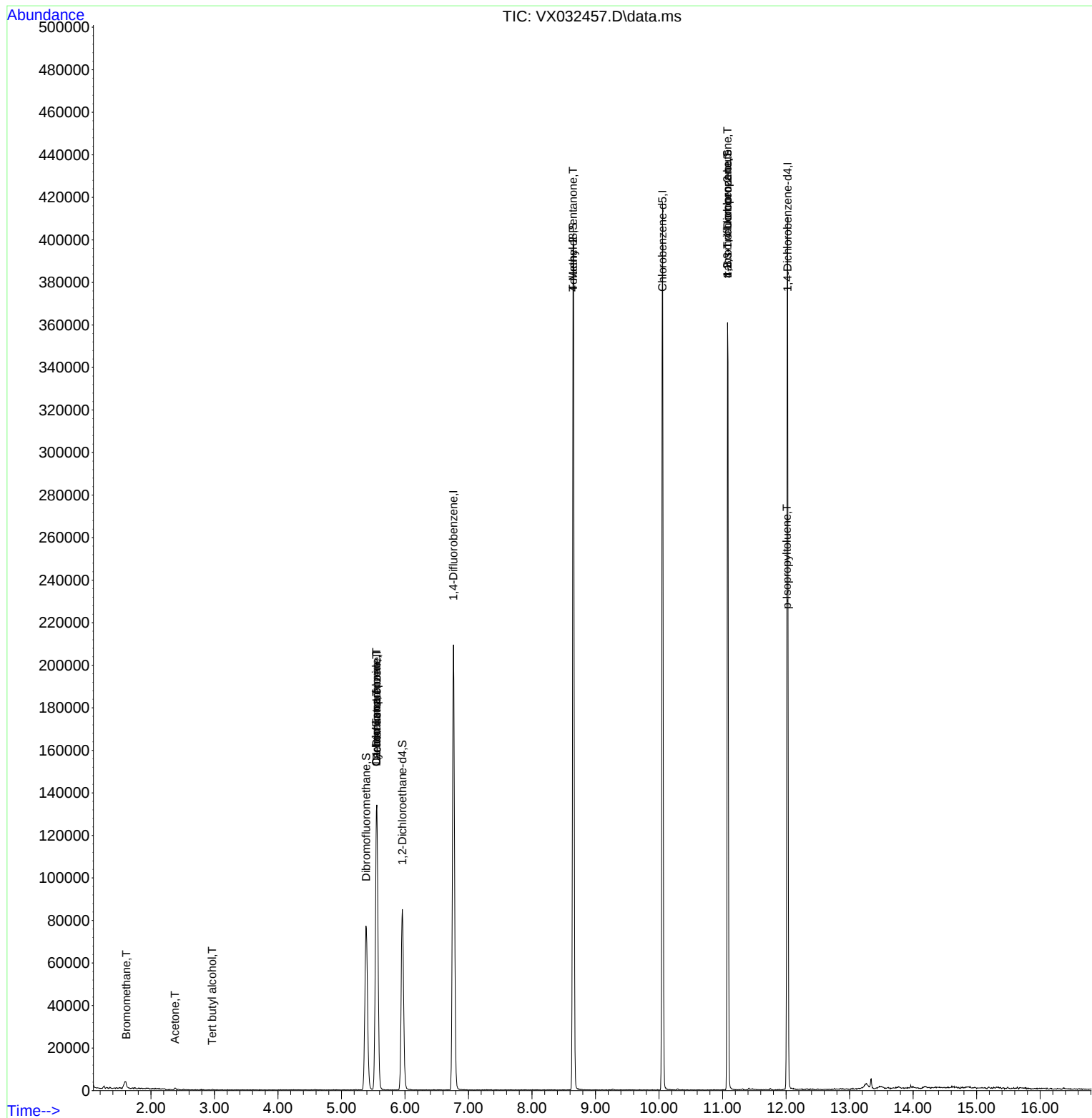
Internal Standards						
1) Pentafluorobenzene	5.556	168	126919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84694	48.026	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.060%		
35) Dibromofluoromethane	5.385	113	66411	45.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.200%		
50) Toluene-d8	8.647	98	243771	47.613	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.220%		
62) 4-Bromofluorobenzene	11.079	95	91532	45.768	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.540%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	239	0.220	ug/l	85
11) Tert butyl alcohol	2.965	59	307	1.196	ug/l #	72
16) Acetone	2.380	43	1139	1.777	ug/l	91
31) Cyclohexane	5.550	56	2846	1.331	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	9800	4.780	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13227	5.816	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1101	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49315	26.791	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49315	85.249	ug/l #	6
86) p-Isopropyltoluene	12.012	119	6397	1.120	ug/l	97

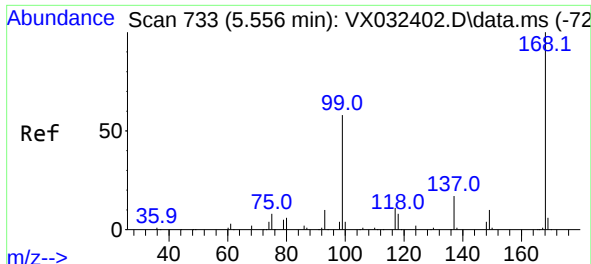
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 29 04:32:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

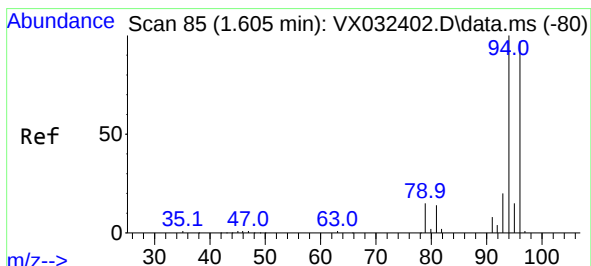
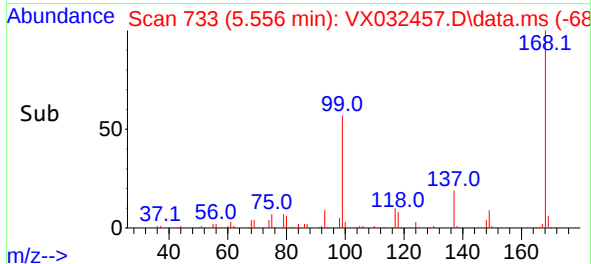
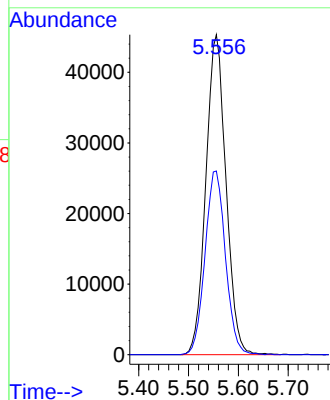
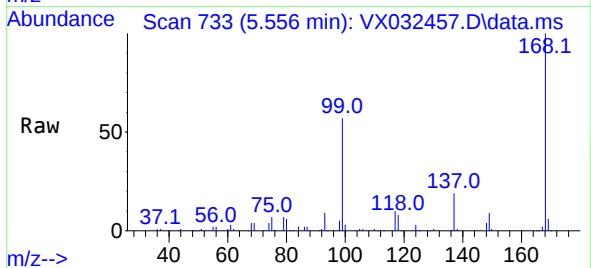




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

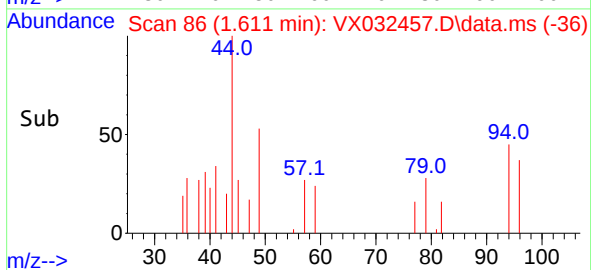
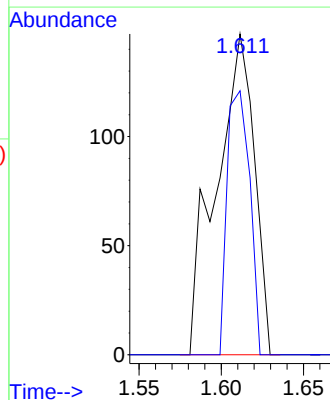
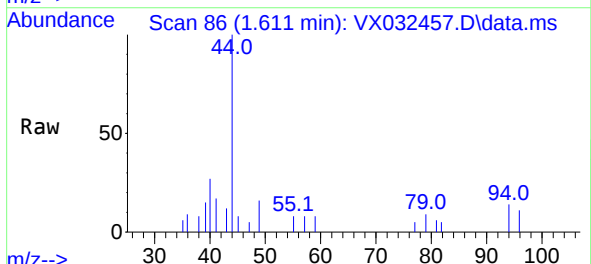
Instrument :
MSVOA_X
ClientSampleId :
5518-1

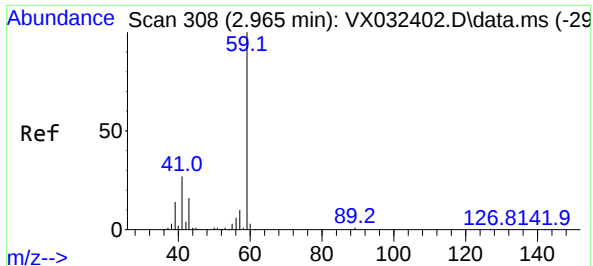
Tgt Ion:168 Resp: 126919
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#5
Bromomethane
Concen: 0.220 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 82.3 77.6 116.4

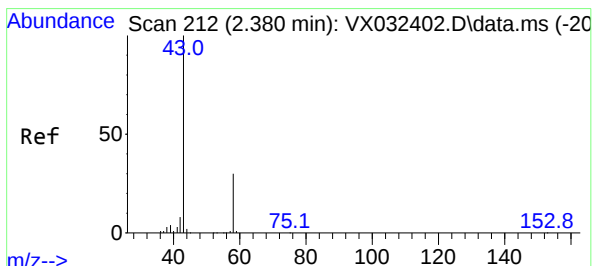
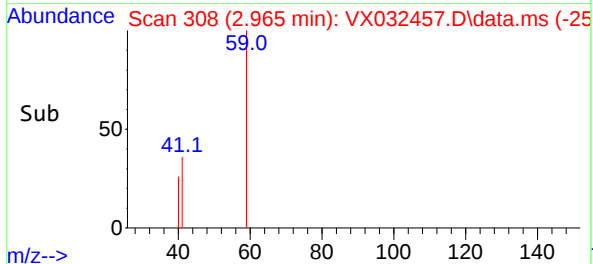
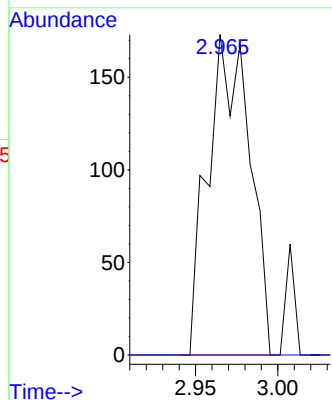
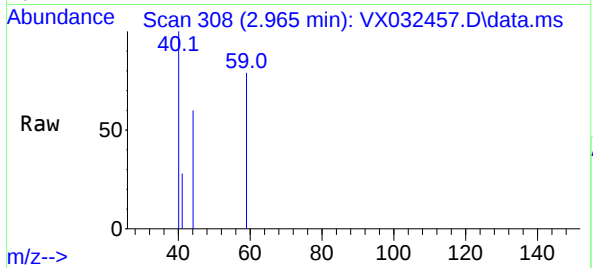




#11
Tert butyl alcohol
Concen: 1.196 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

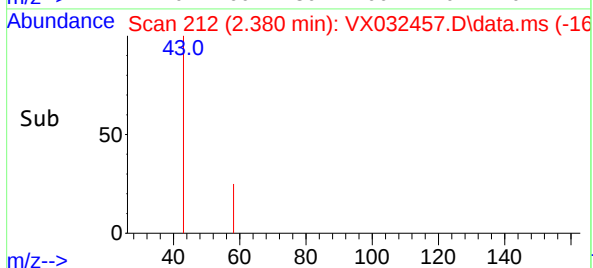
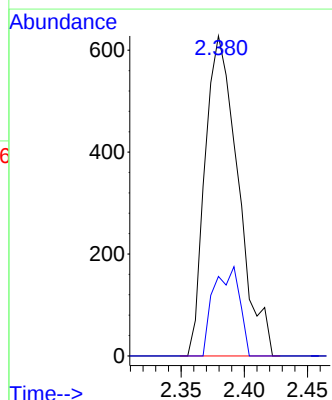
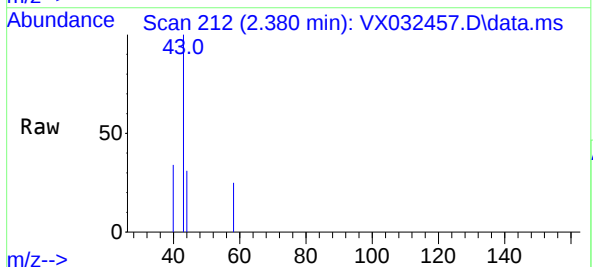
Instrument :
MSVOA_X
ClientSampleId :
5518-1

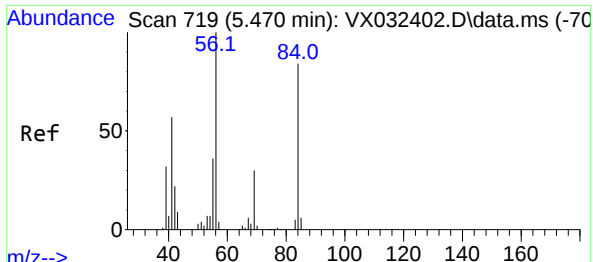
Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 1.777 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 24.8 23.8 35.8

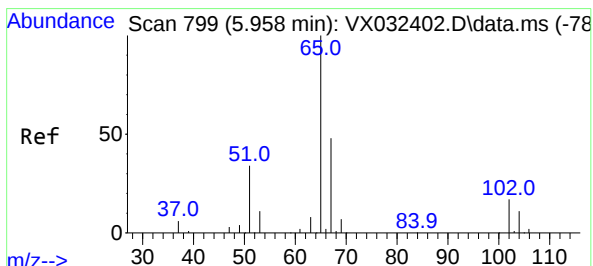
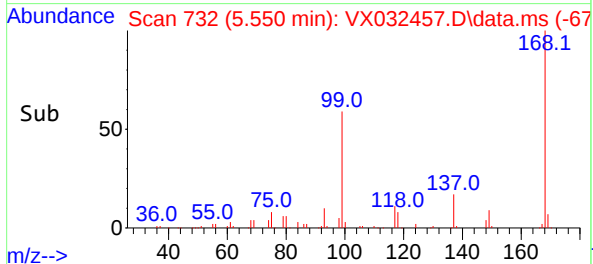
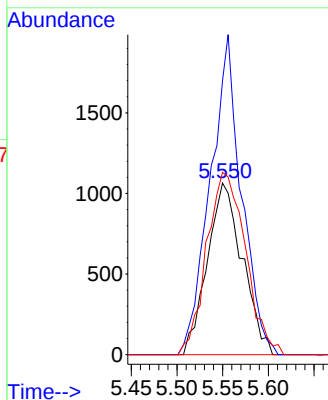
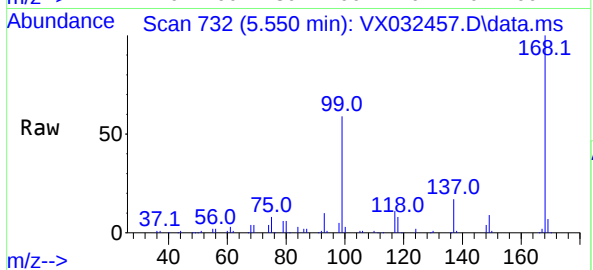




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

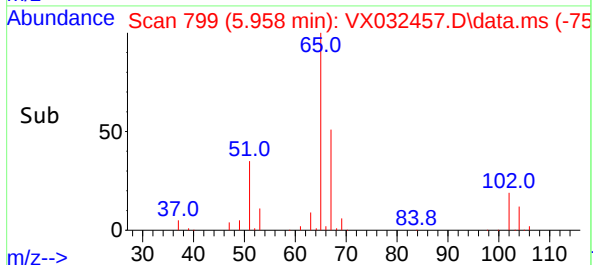
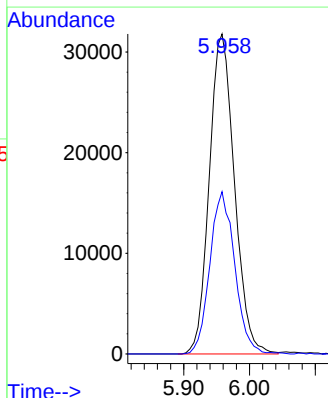
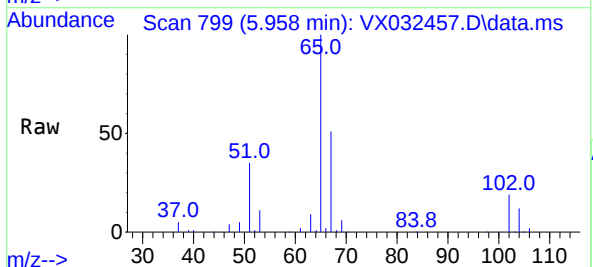
Instrument :
MSVOA_X
ClientSampleId :
5518-1

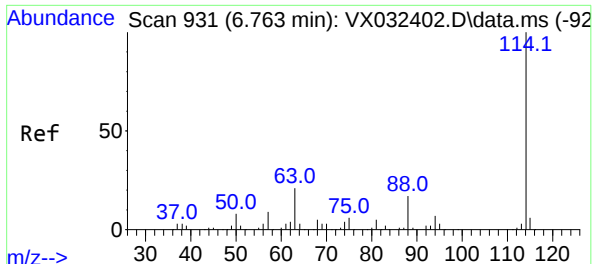
Tgt Ion: 56 Resp: 2846
Ion Ratio Lower Upper
56 100
69 159.5 24.1 36.1#
84 106.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.026 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Tgt Ion: 65 Resp: 84694
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX032457.D

Acq: 28 Oct 2022 14:16

Instrument :

MSVOA_X

ClientSampleId :

5518-1

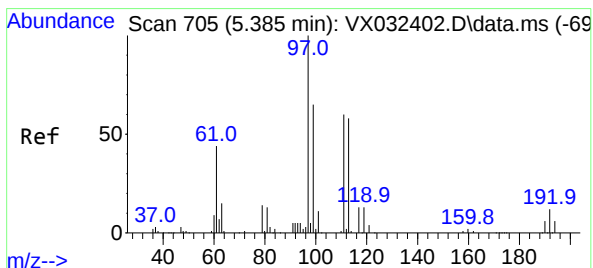
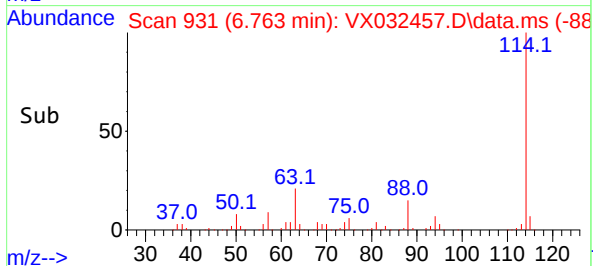
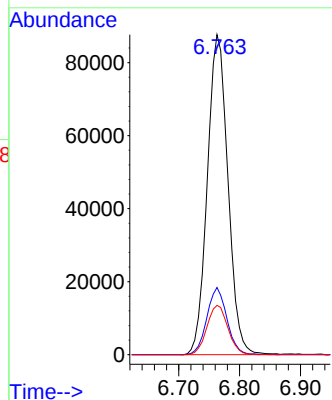
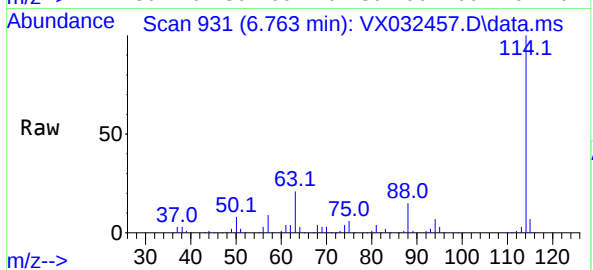
Tgt Ion:114 Resp: 206416

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

88 15.4 0.0 33.4



#35

Dibromofluoromethane

Concen: 45.104 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032457.D

Acq: 28 Oct 2022 14:16

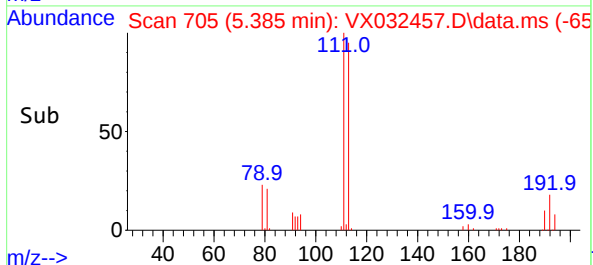
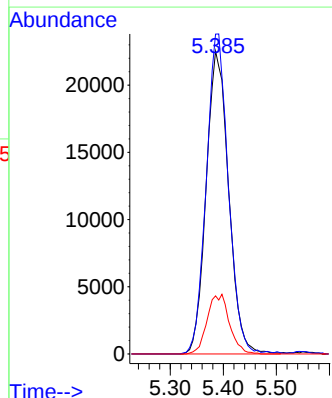
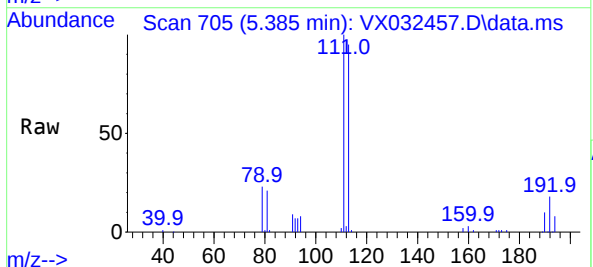
Tgt Ion:113 Resp: 66411

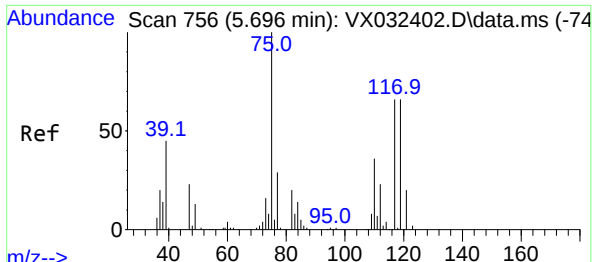
Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 19.5 15.4 23.2

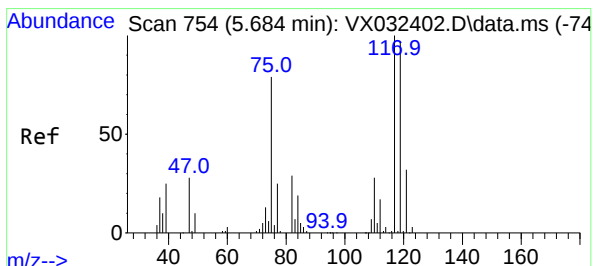
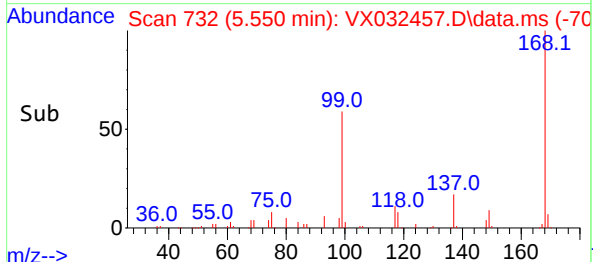
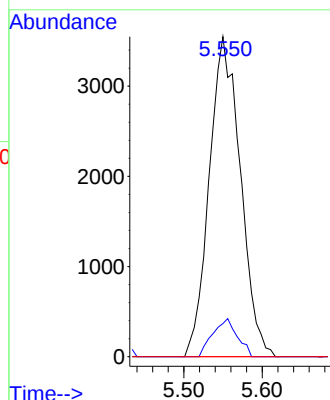
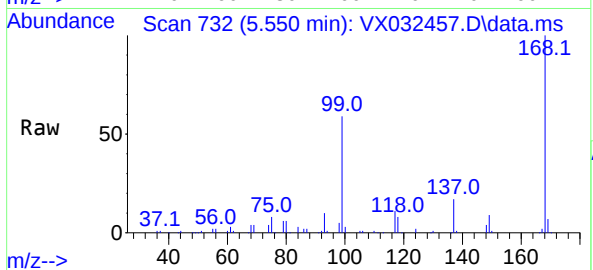




#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

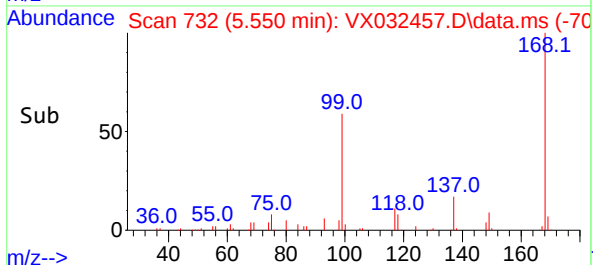
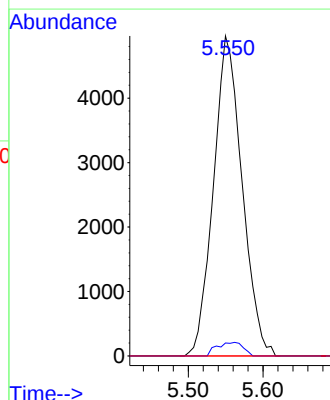
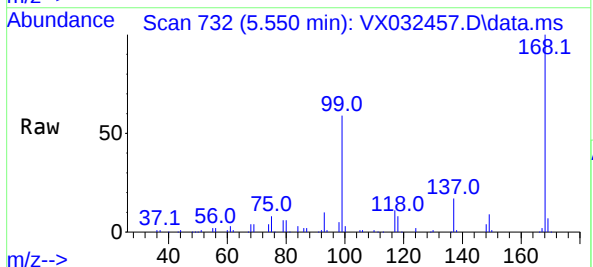
Instrument :
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5518-1

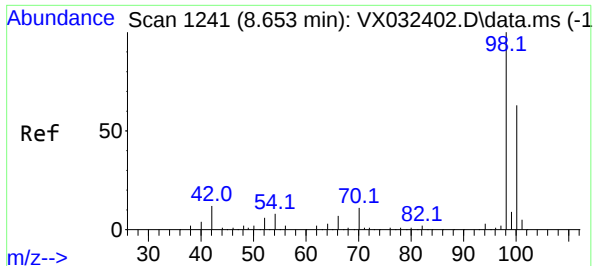
Tgt Ion: 75 Resp: 9800
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.816 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Tgt Ion: 117 Resp: 13227
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 47.613 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032457.D

Acq: 28 Oct 2022 14:16

Instrument :

MSVOA_X

ClientSampleId :

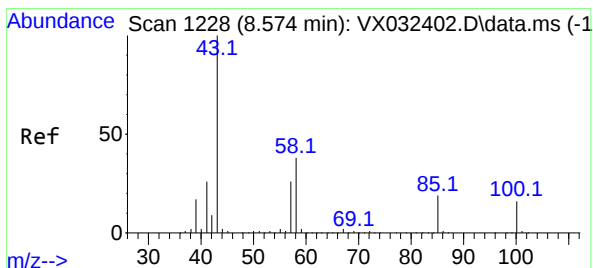
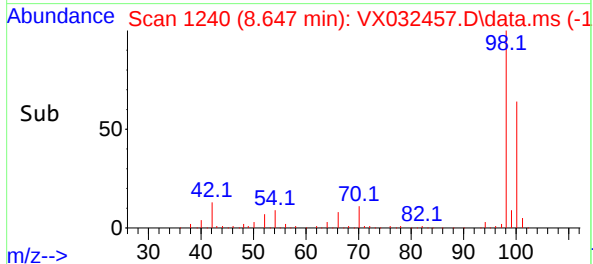
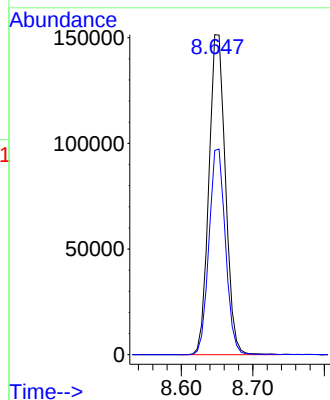
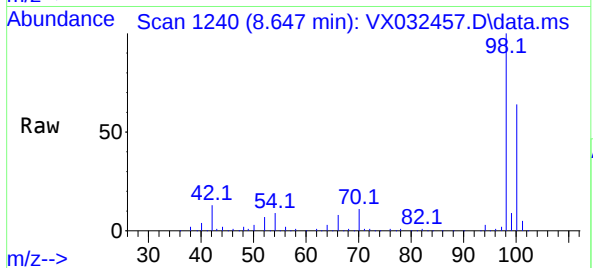
5518-1

Tgt Ion: 98 Resp: 243771

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.533 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032457.D

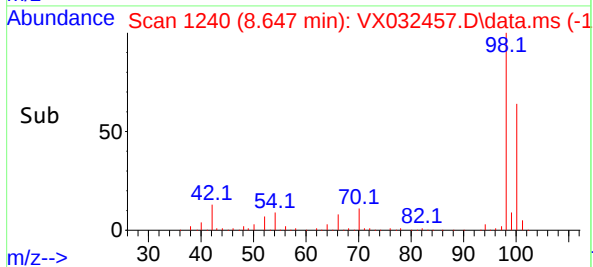
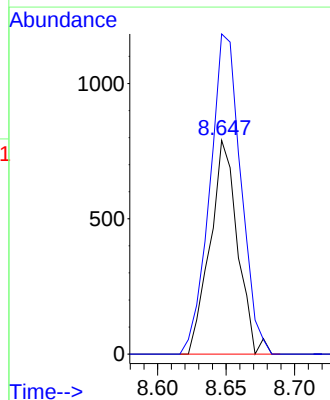
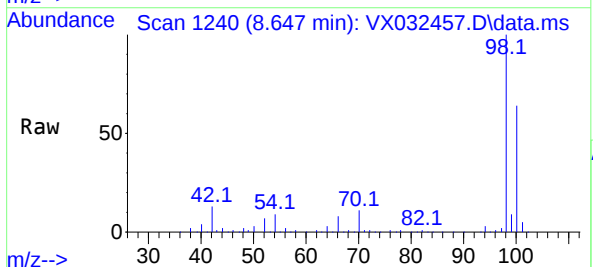
Acq: 28 Oct 2022 14:16

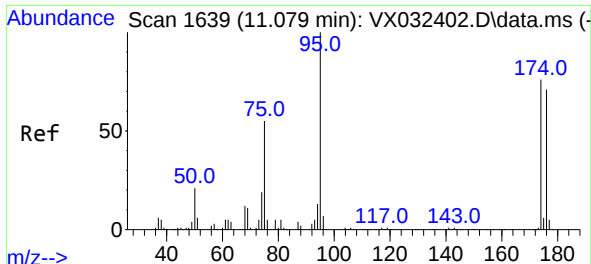
Tgt Ion: 43 Resp: 1101

Ion Ratio Lower Upper

43 100

58 169.4 30.9 46.3#

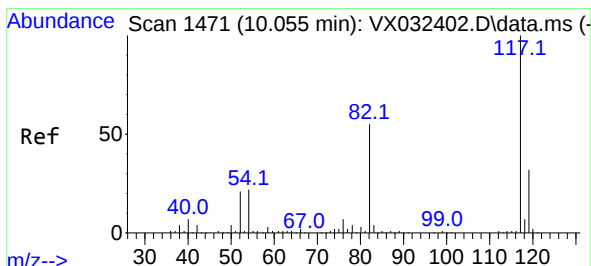
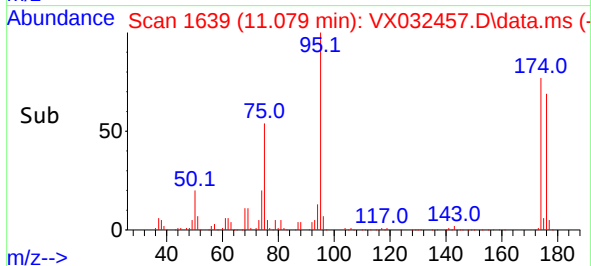
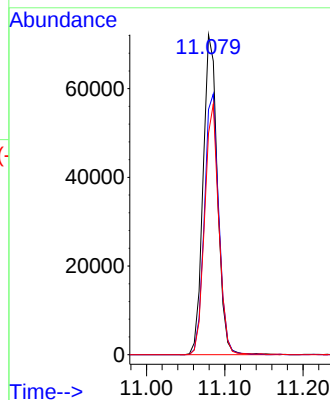
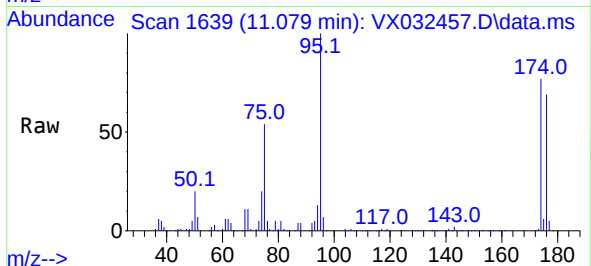




#62
4-Bromofluorobenzene
Concen: 45.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

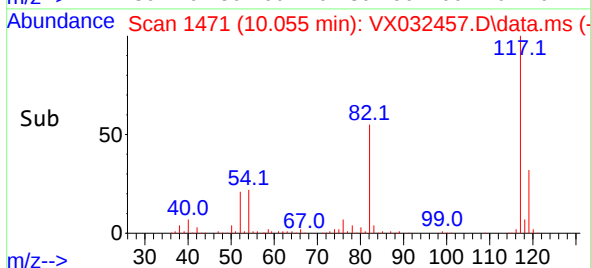
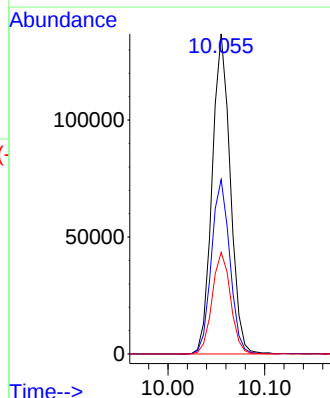
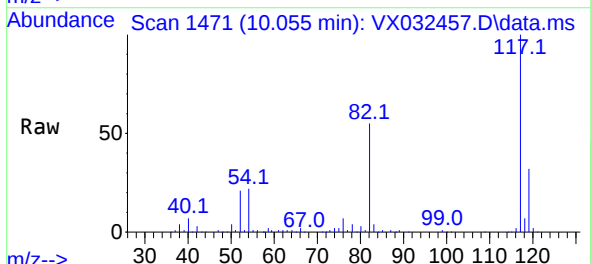
Instrument :
MSVOA_X
ClientSampleId :
5518-1

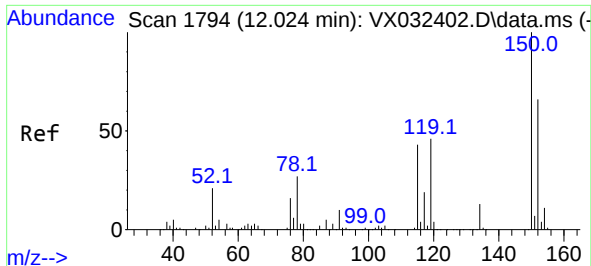
Tgt Ion: 95 Resp: 91532
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 77.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Tgt Ion: 117 Resp: 178457
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 31.8 25.7 38.5

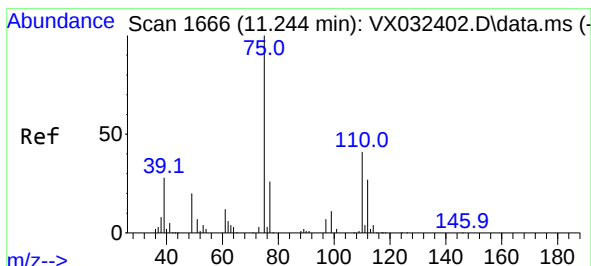
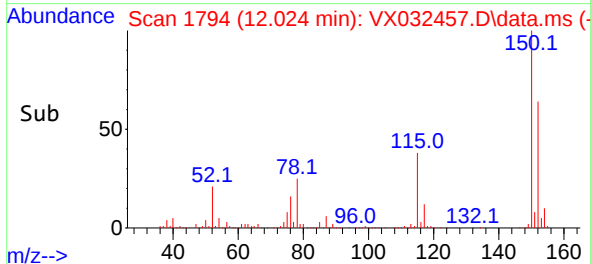
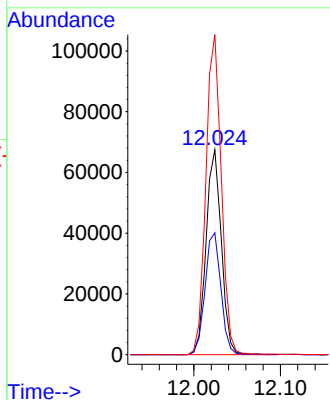
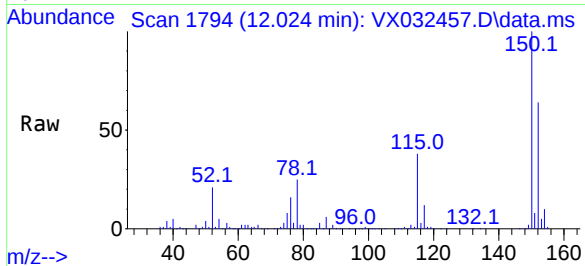




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

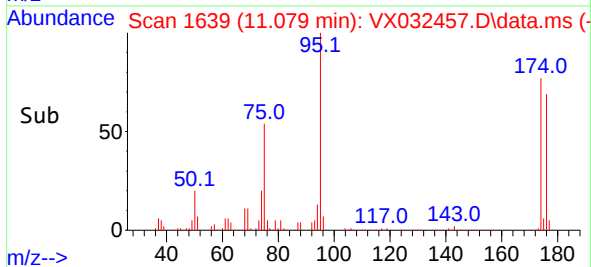
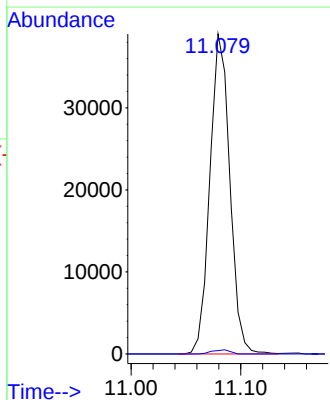
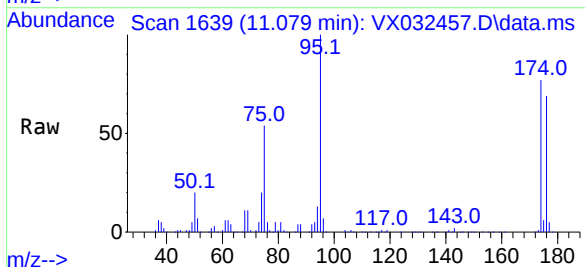
Instrument :
MSVOA_X
ClientSampleId :
5518-1

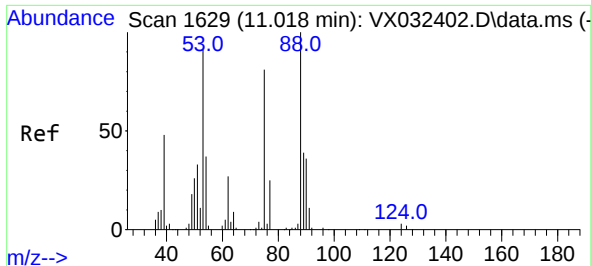
Tgt Ion:152 Resp: 82739
Ion Ratio Lower Upper
152 100
115 61.7 44.0 132.0
150 157.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Tgt Ion: 75 Resp: 49315
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#

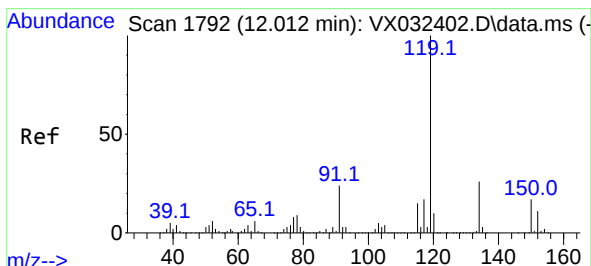
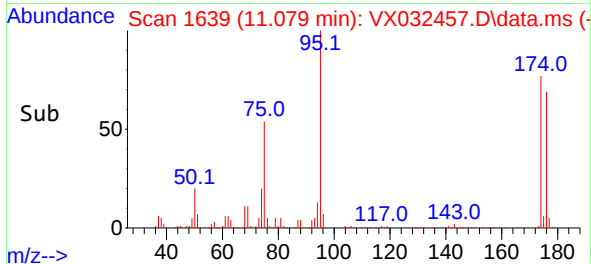
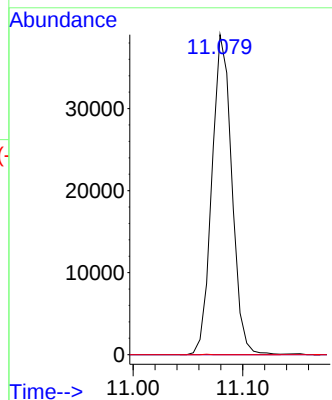
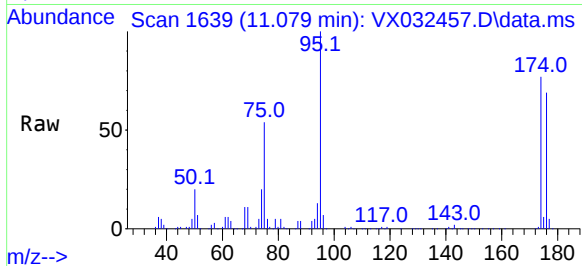




#81
trans-1,4-Dichloro-2-butene
Concen: 85.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Instrument :
MSVOA_X
ClientSampleId :
5518-1

Tgt Ion: 75 Resp: 49315
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#86
p-Isopropyltoluene
Concen: 1.120 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX032457.D
Acq: 28 Oct 2022 14:16

Tgt Ion: 119 Resp: 6397
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.7
91 27.7 12.5 37.5

