

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025779.D
 Acq On : 14 Dec 2021 16:09
 Operator : JC/MD
 Sample : M4988-14 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 07:05:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

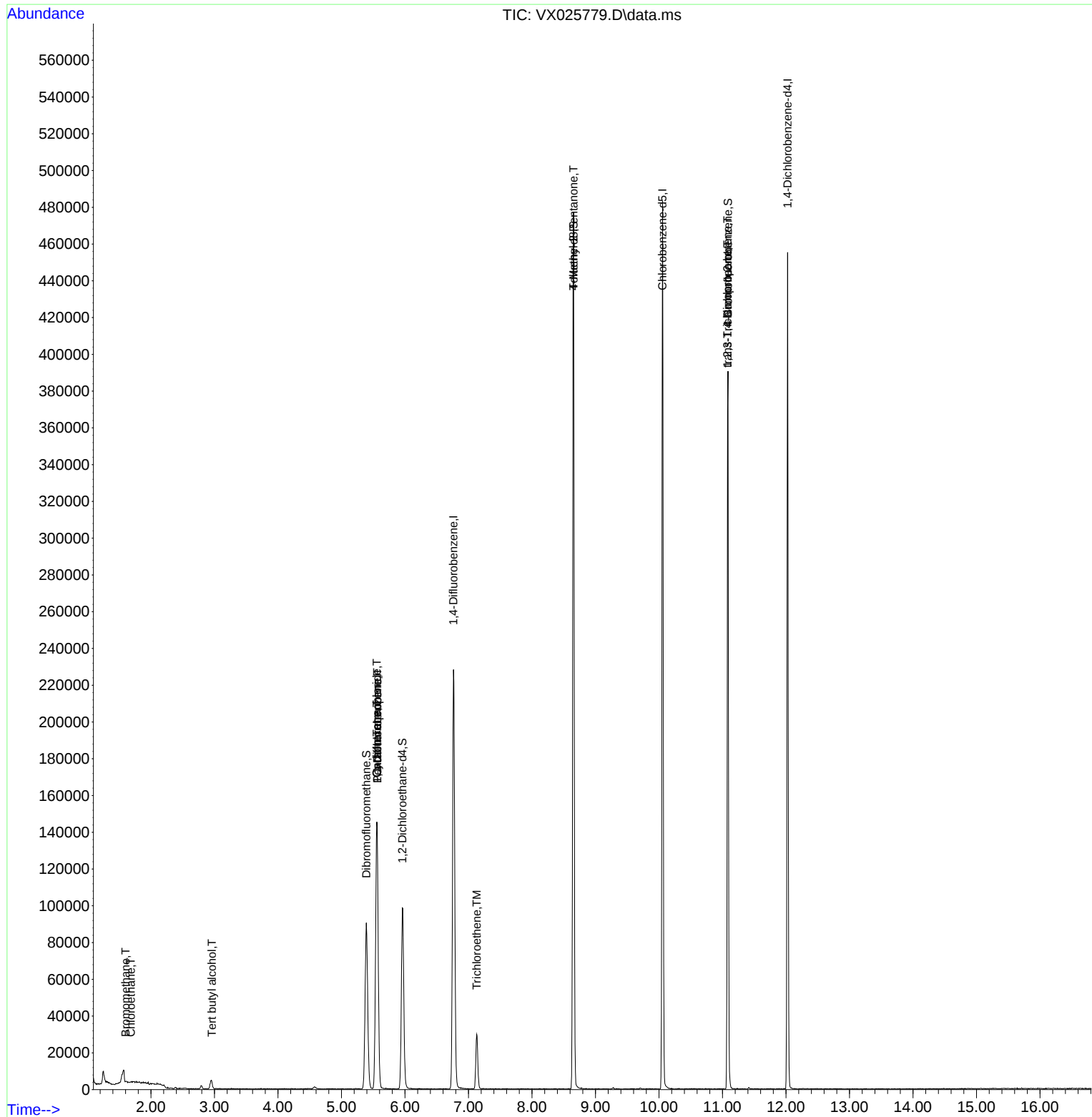
Internal Standards						
1) Pentafluorobenzene	5.562	168	136620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90777	46.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.391	113	76888	46.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	8.653	98	278268	46.436	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.880%
62) 4-Bromofluorobenzene	11.086	95	104199	45.775	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	300	0.248	ug/l #	36
6) Chloroethane	1.685	64	448	0.365	ug/l	91
11) Tert butyl alcohol	2.959	59	2999	7.606	ug/l #	73
16) Acetone	2.386	43	642	Below Cal		100
20) Methylene Chloride	2.788	84	838	Below Cal	#	77
31) Cyclohexane	5.556	56	3030	1.268	ug/l #	11
36) 1,1-Dichloropropene	5.562	75	11330	5.080	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14622	5.634	ug/l #	15
44) Trichloroethene	7.129	130	11151	6.020	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	1452	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54132	26.497	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54132	82.147	ug/l #	10

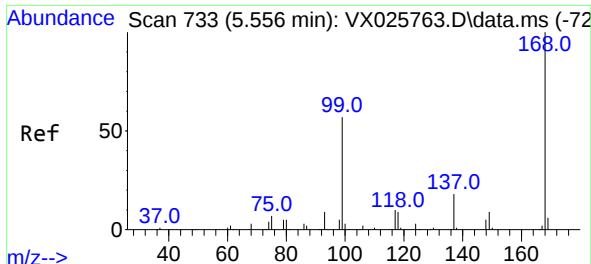
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\  
Data File : VX025779.D  
Acq On    : 14 Dec 2021  16:09  
Operator  : JC/MD  
Sample    : M4988-14 50X  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 12   Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 15 07:05:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
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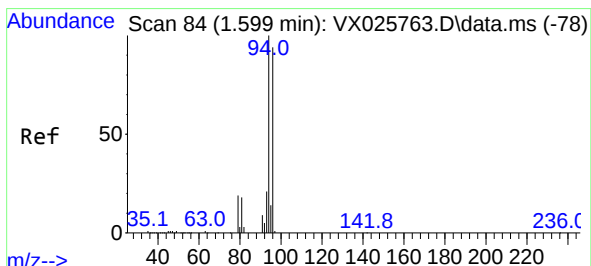
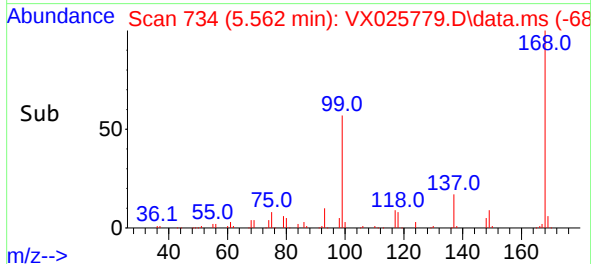
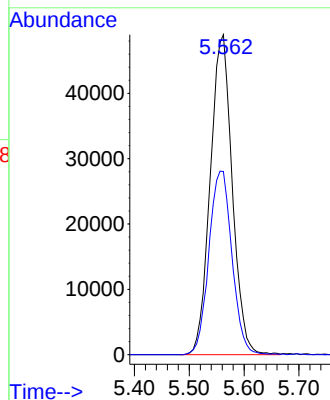
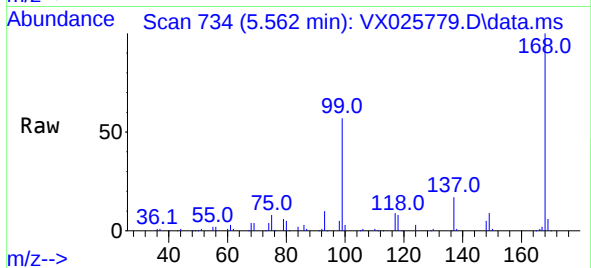




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

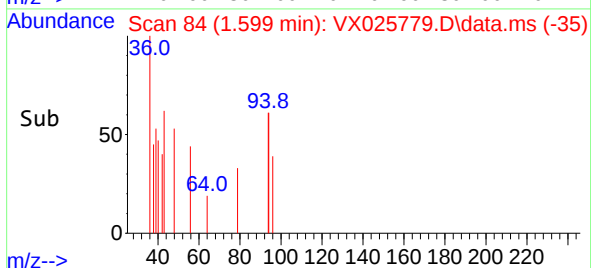
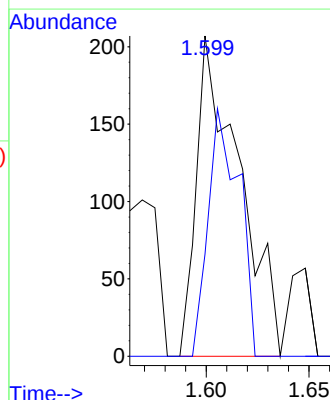
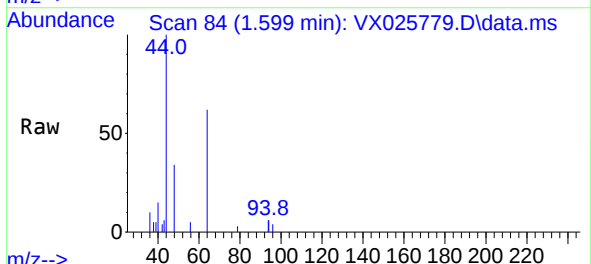
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 136620
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.8

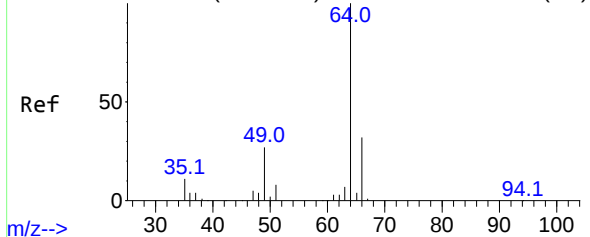


#5
Bromomethane
Concen: 0.248 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 31.9 75.0 112.4#



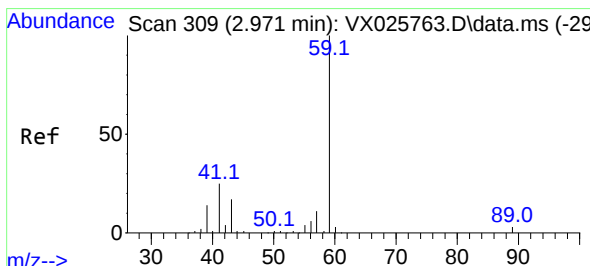
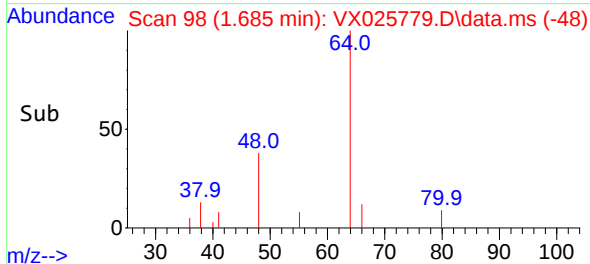
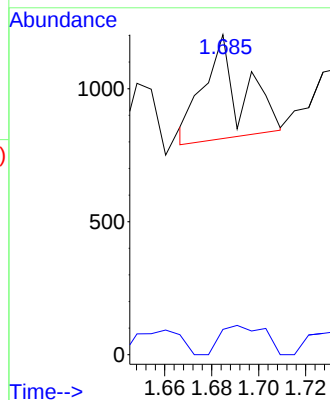
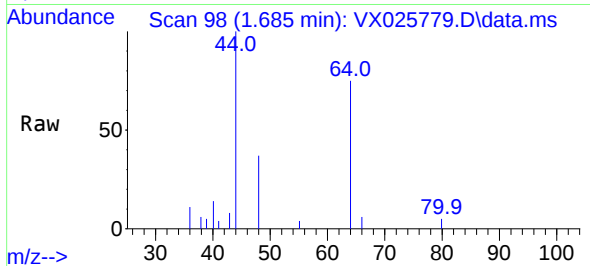
Abundance Scan 97 (1.679 min): VX025763.D\data.ms (-91)



#6
Chloroethane
Concen: 0.365 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

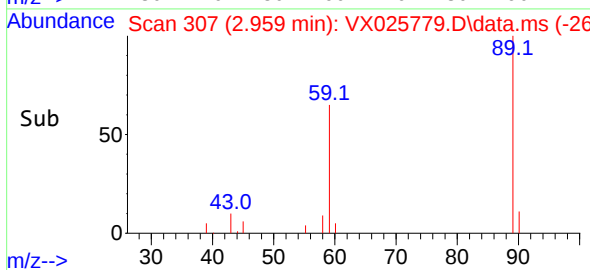
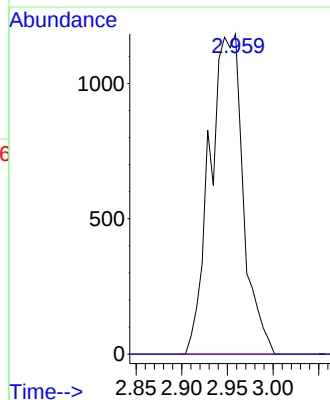
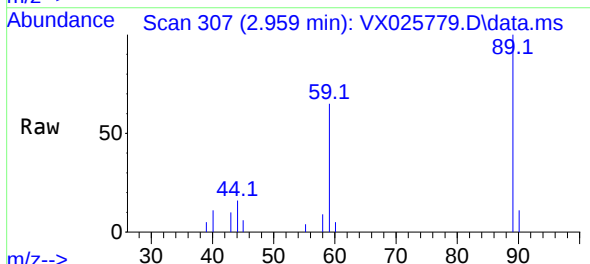
Instrument :
MSVOA_X
ClientSampleId :

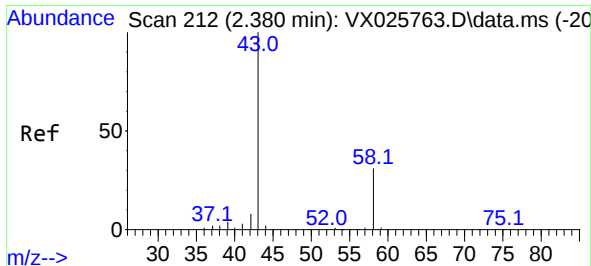
Tgt Ion: 64 Resp: 448
Ion Ratio Lower Upper
64 100
66 27.1 25.9 38.9



#11
Tert butyl alcohol
Concen: 7.606 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Tgt Ion: 59 Resp: 2999
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

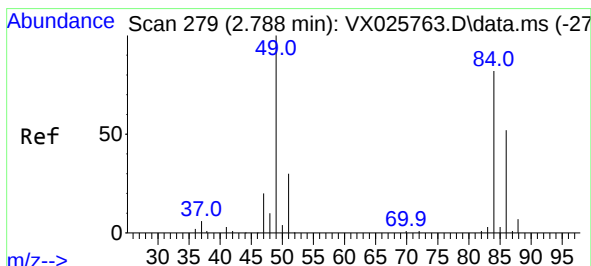
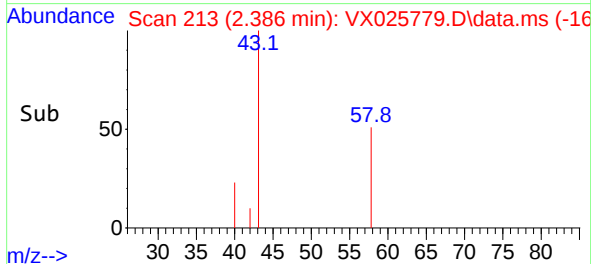
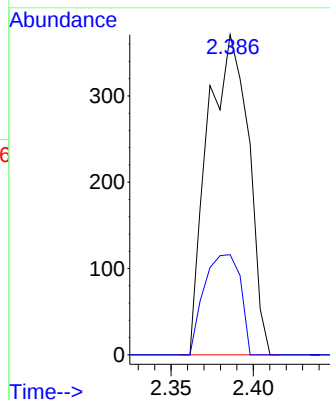
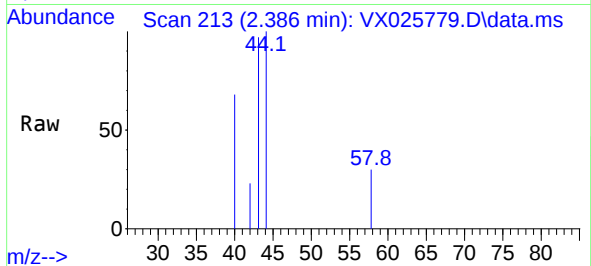




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

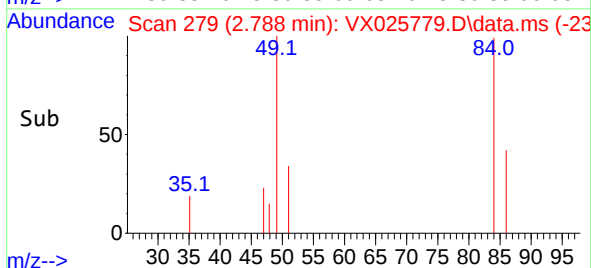
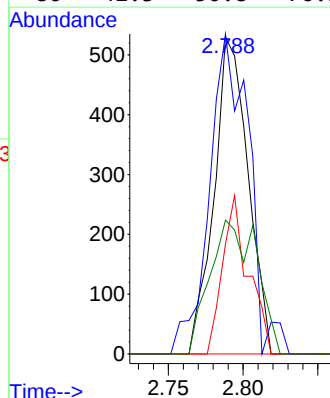
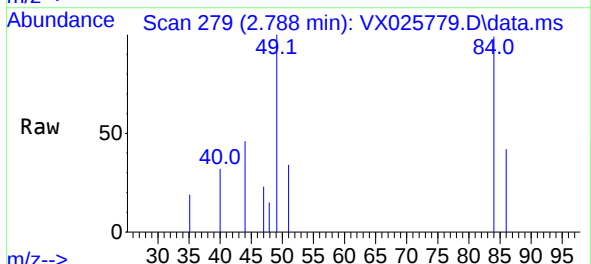
Instrument :
MSVOA_X
ClientSampleId :

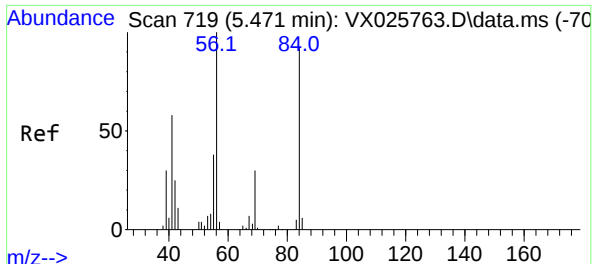
Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

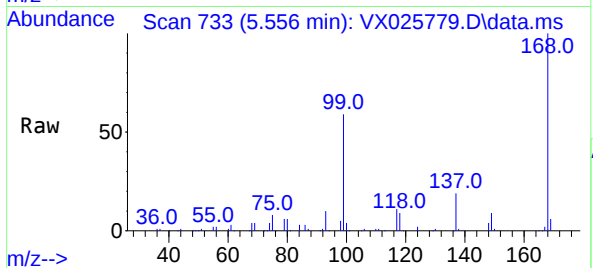
Tgt Ion: 84 Resp: 838
Ion Ratio Lower Upper
84 100
49 91.1 97.1 145.7#
51 34.7 29.3 43.9
86 42.3 50.8 76.2#



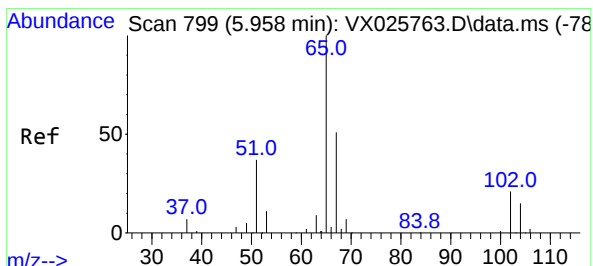
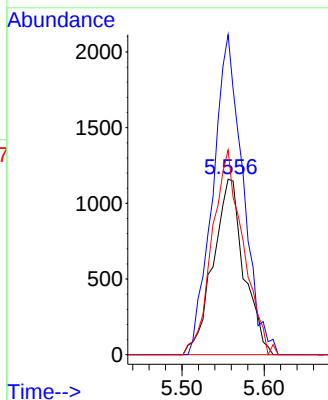
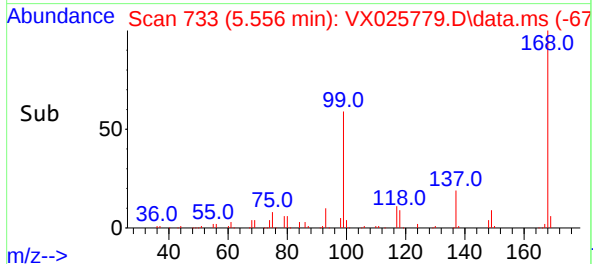


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Instrument :
MSVOA_X
ClientSampleId :

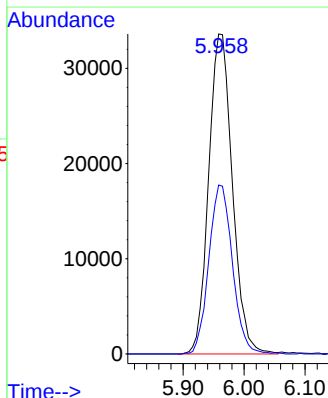
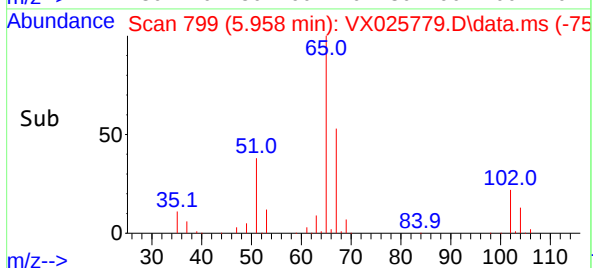
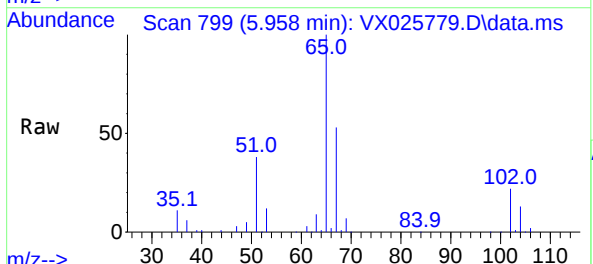


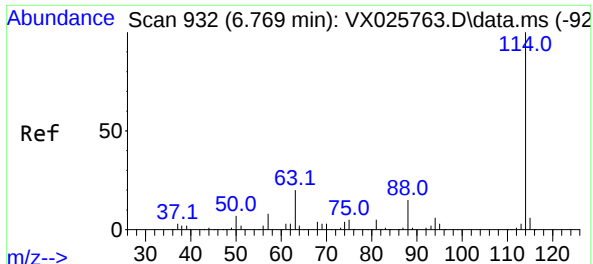
Tgt Ion: 56 Resp: 3030
Ion Ratio Lower Upper
56 100
69 182.2 23.9 35.9#
84 116.6 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 46.180 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Tgt Ion: 65 Resp: 90777
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025779.D

Acq: 14 Dec 2021 16:09

Instrument :

MSVOA_X

ClientSampleId :

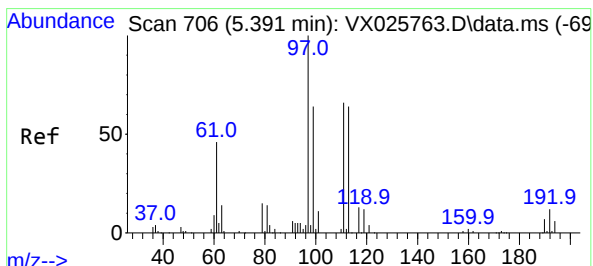
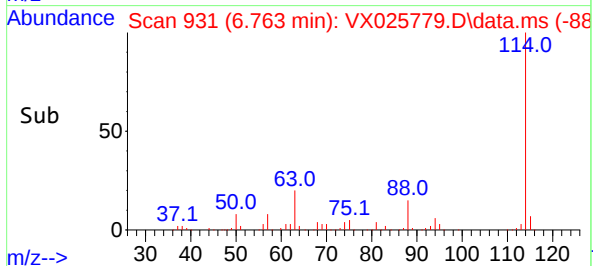
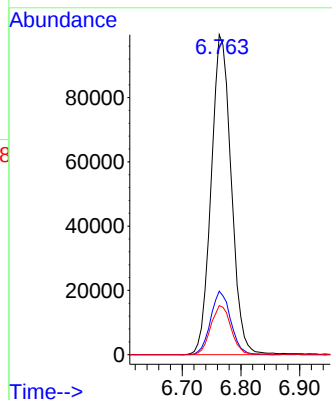
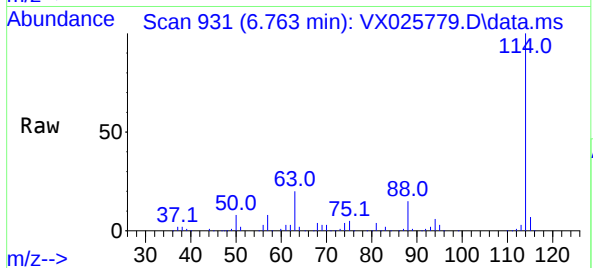
Tgt Ion:114 Resp: 235830

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.749 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX025779.D

Acq: 14 Dec 2021 16:09

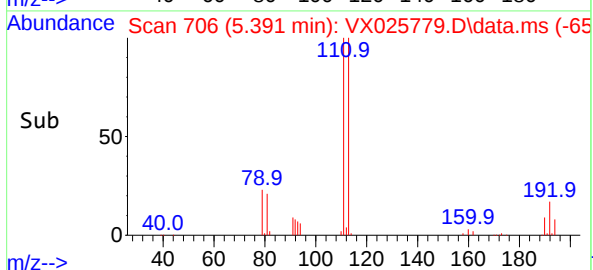
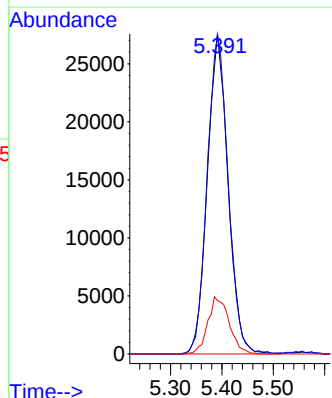
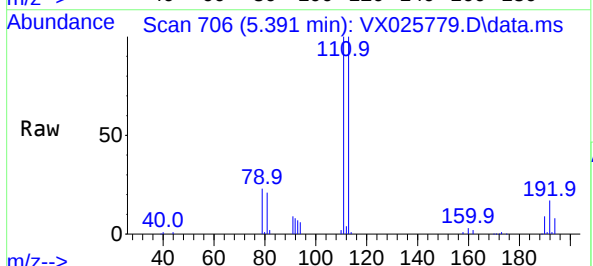
Tgt Ion:113 Resp: 76888

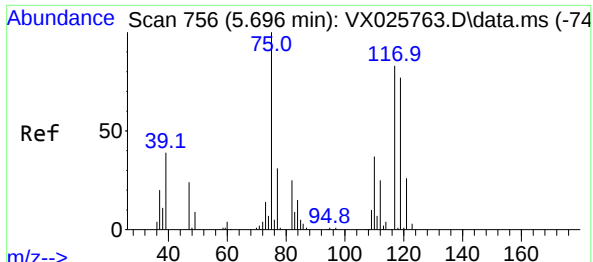
Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

192 18.4 15.0 22.4





#36

1,1-Dichloropropene

Concen: 5.080 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX025779.D

Acq: 14 Dec 2021 16:09

Instrument :

MSVOA_X

ClientSampleId :

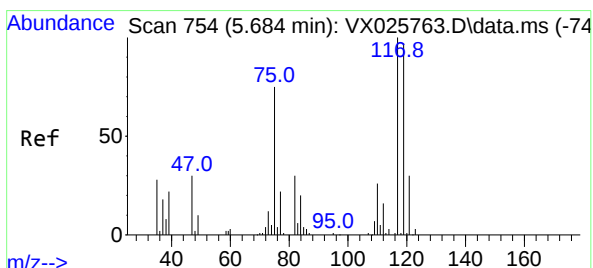
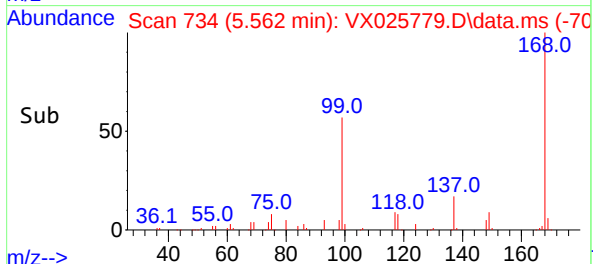
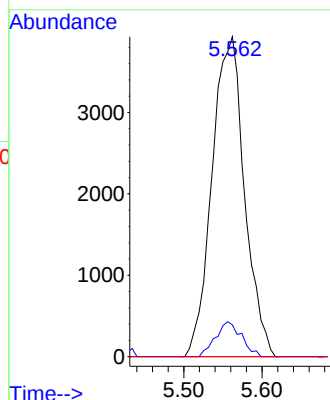
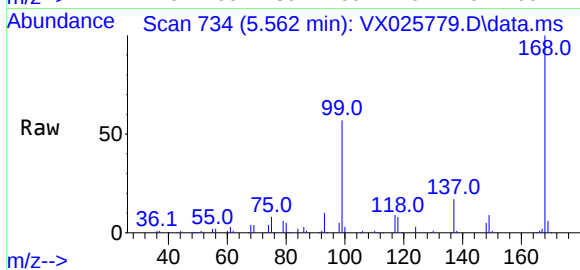
Tgt Ion: 75 Resp: 11330

Ion Ratio Lower Upper

75 100

110 8.7 18.2 54.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.634 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX025779.D

Acq: 14 Dec 2021 16:09

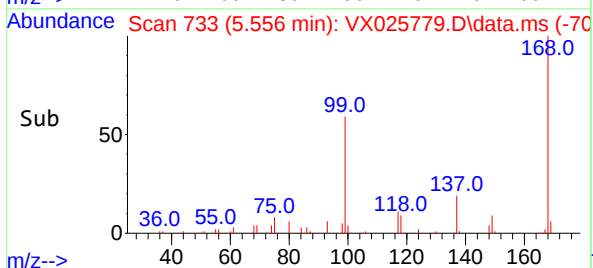
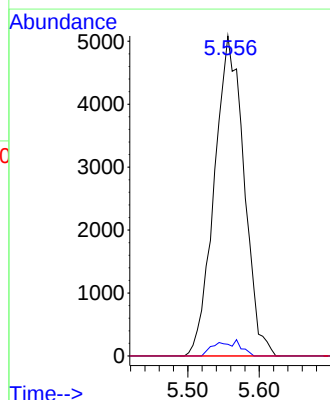
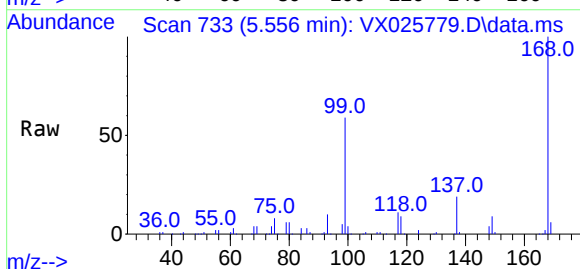
Tgt Ion: 117 Resp: 14622

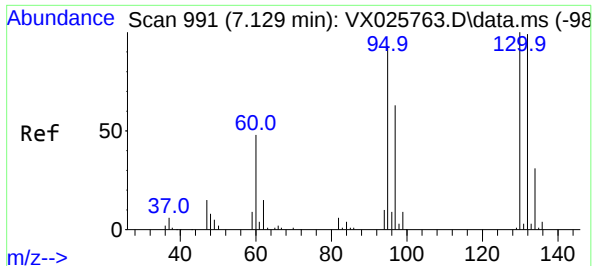
Ion Ratio Lower Upper

117 100

119 3.7 77.2 115.8#

121 0.0 23.8 35.8#

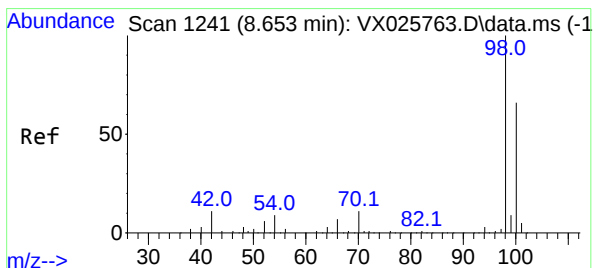
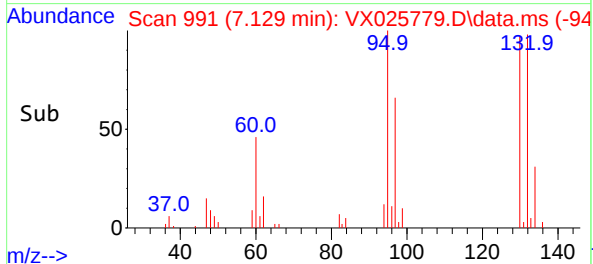
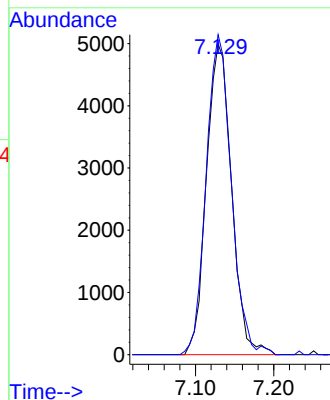
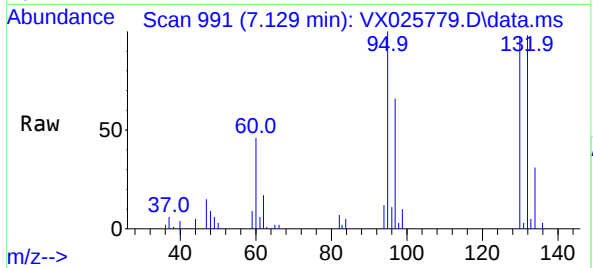




#44
Trichloroethene
Concen: 6.020 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

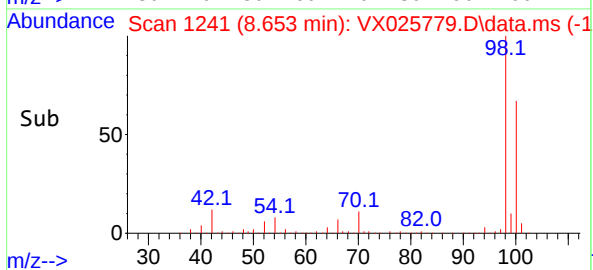
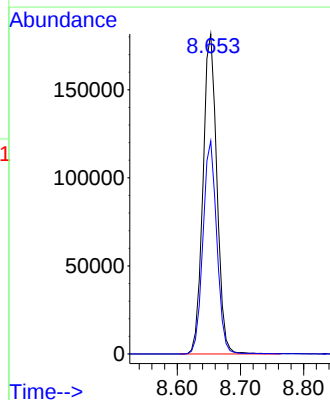
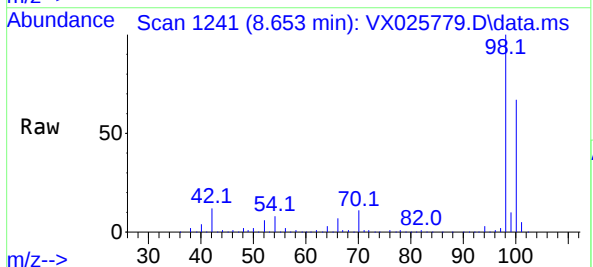
Instrument :
MSVOA_X
ClientSampleId :

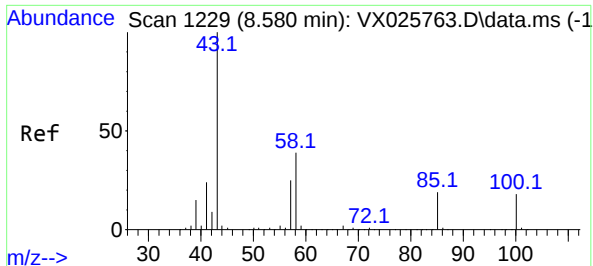
Tgt Ion:130 Resp: 11151
Ion Ratio Lower Upper
130 100
95 103.0 0.0 186.4



#50
Toluene-d8
Concen: 46.436 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Tgt Ion: 98 Resp: 278268
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.556 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX025779.D

Acq: 14 Dec 2021 16:09

Instrument :

MSVOA_X

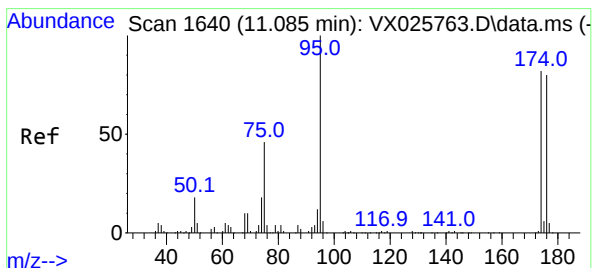
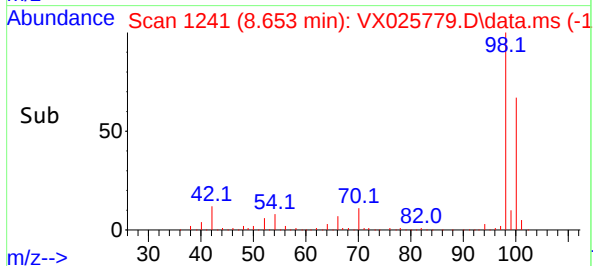
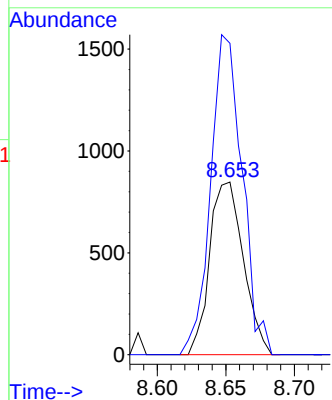
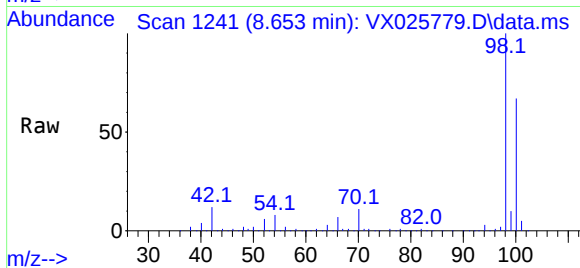
ClientSampleId :

Tgt Ion: 43 Resp: 1452

Ion Ratio Lower Upper

43 100

58 173.4 30.8 46.2#



#62

4-Bromofluorobenzene

Concen: 45.775 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX025779.D

Acq: 14 Dec 2021 16:09

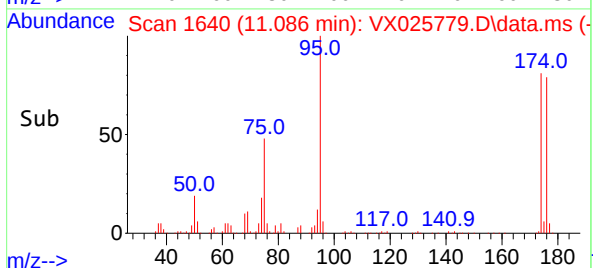
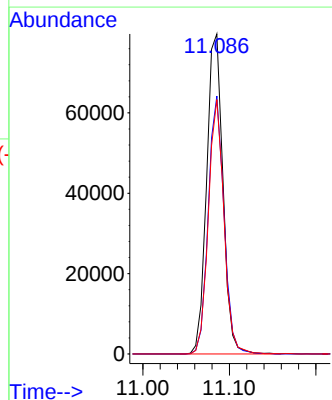
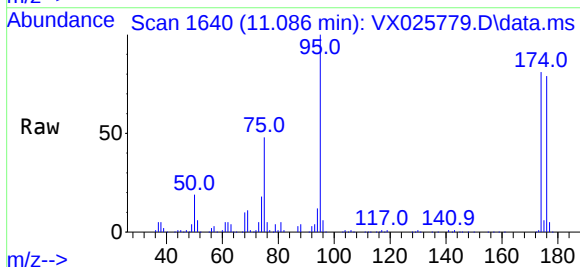
Tgt Ion: 95 Resp: 104199

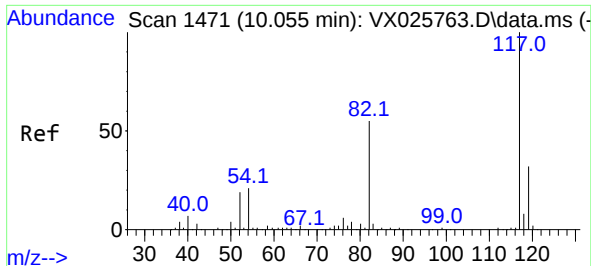
Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.4

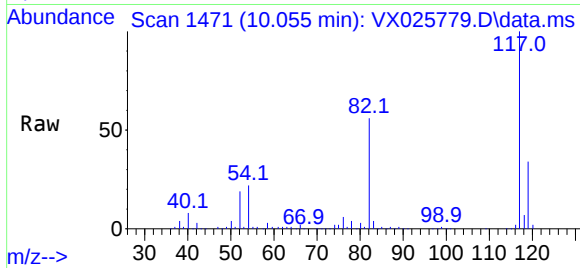
176 76.0 0.0 154.6



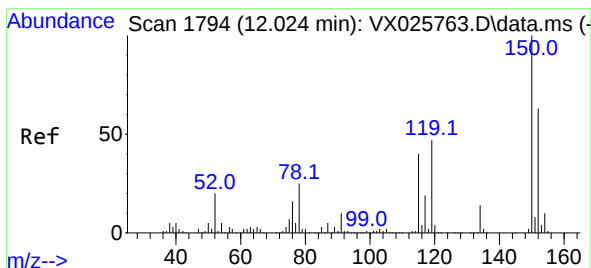
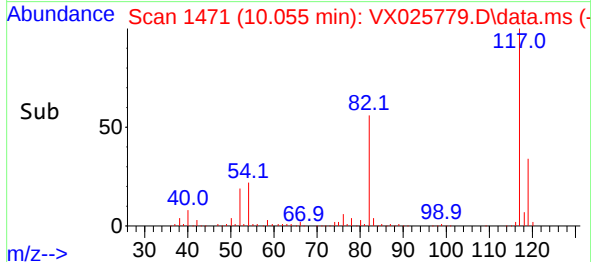
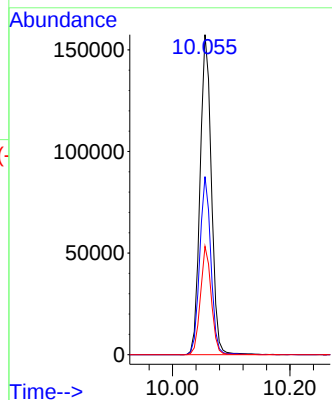


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Instrument :
MSVOA_X
ClientSampleId :

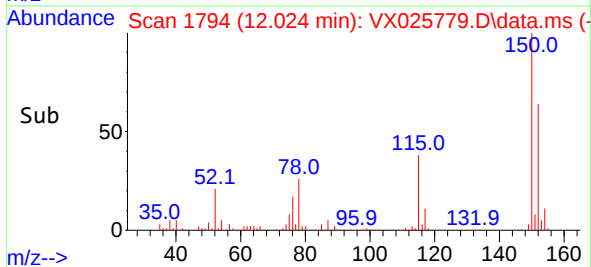
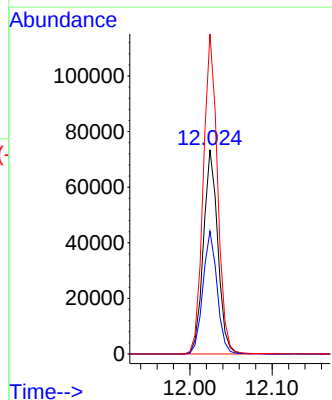
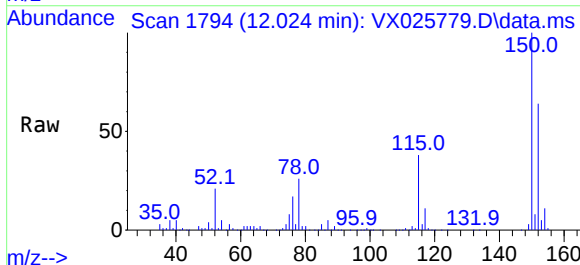


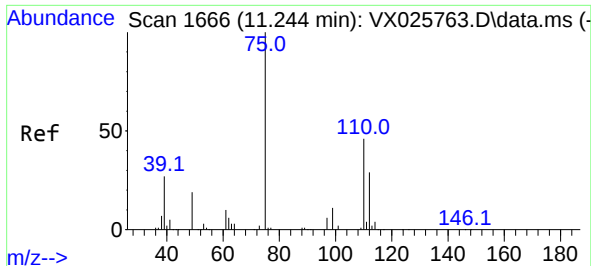
Tgt Ion:117 Resp: 210698
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.6
119 33.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Tgt Ion:152 Resp: 89167
Ion Ratio Lower Upper
152 100
115 59.4 41.3 123.9
150 155.3 0.0 351.8

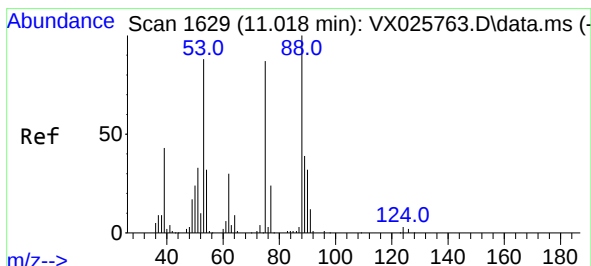
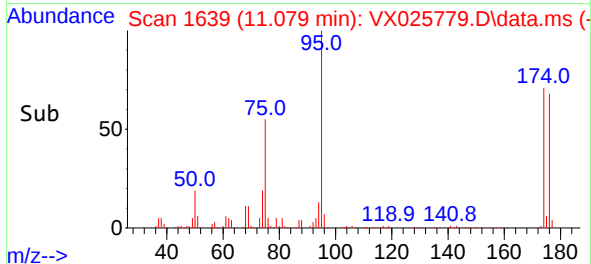
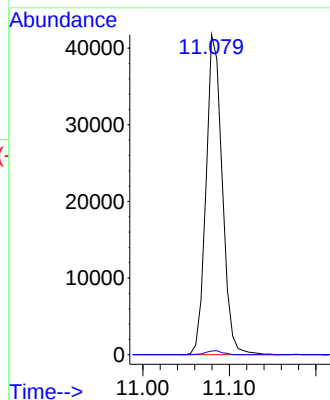
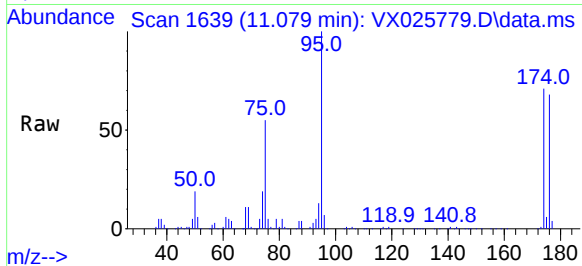




#76
1,2,3-Trichloropropane
Concen: 26.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 54132
Ion Ratio Lower Upper
75 100
77 1.3 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025779.D
Acq: 14 Dec 2021 16:09

Tgt Ion: 75 Resp: 54132
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

