

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043178.D
 Acq On : 26 Sep 2024 15:11
 Operator : JC/MD
 Sample : P4191-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:42:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

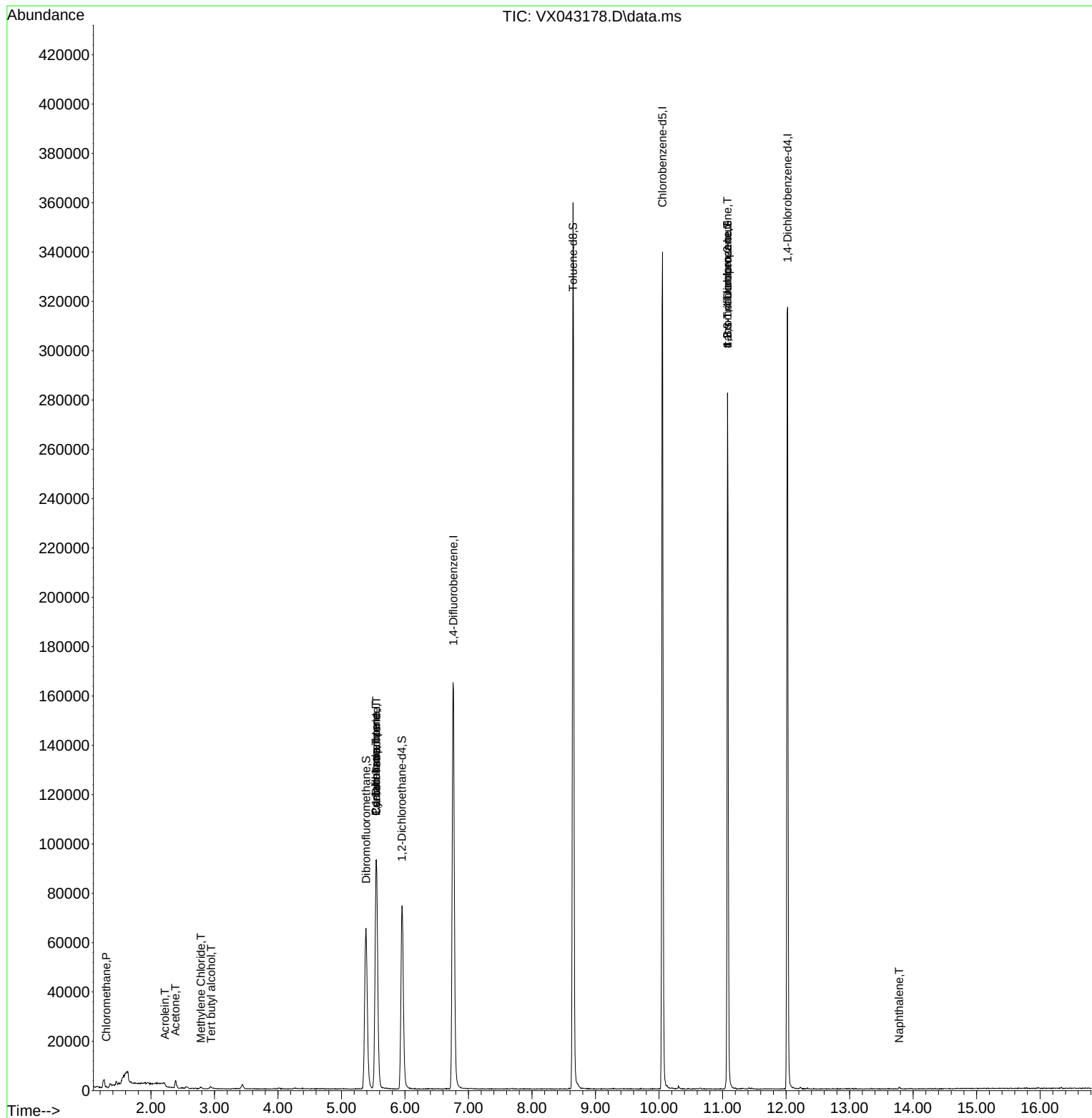
Internal Standards						
1) Pentafluorobenzene	5.544	168	84957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76256	54.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.080%	
35) Dibromofluoromethane	5.385	113	57604	48.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.400%	
50) Toluene-d8	8.647	98	206049	50.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	11.079	95	74996	46.057	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	212	0.229	ug/l #	43
11) Tert butyl alcohol	2.947	59	226	0.717	ug/l #	71
13) Acrolein	2.221	56	95	2.289	ug/l #	1
16) Acetone	2.386	43	3359	5.090	ug/l	95
20) Methylene Chloride	2.788	84	320	0.305	ug/l	90
31) Cyclohexane	5.544	56	2144	1.545	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	7455	5.076	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9551	5.049	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	41070	29.469	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	41070	70.212	ug/l #	7
95) Naphthalene	13.780	128	1031	0.226	ug/l #	69

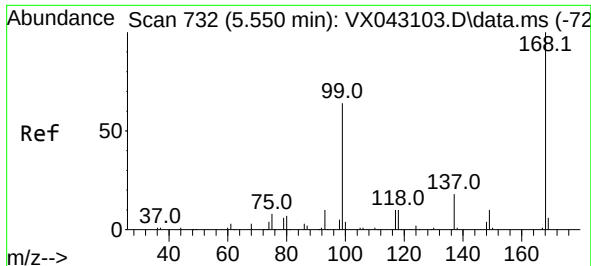
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
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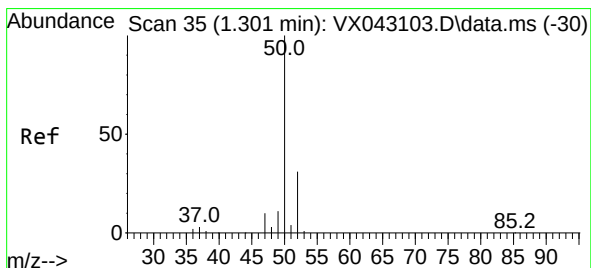
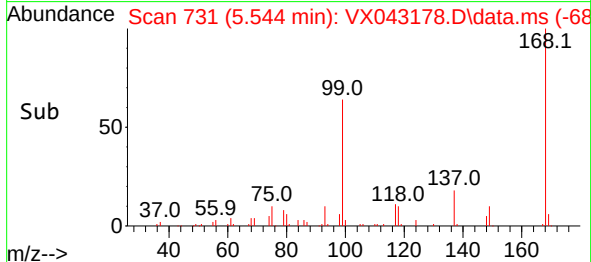
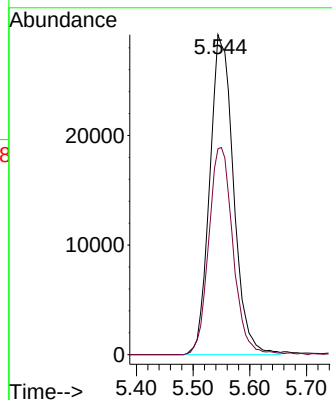
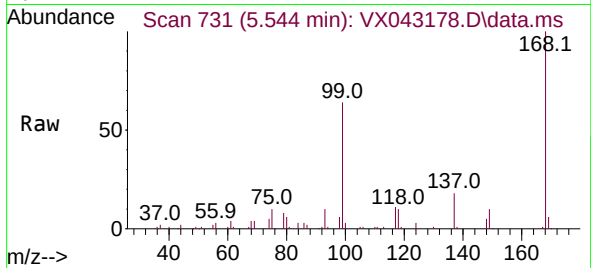




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

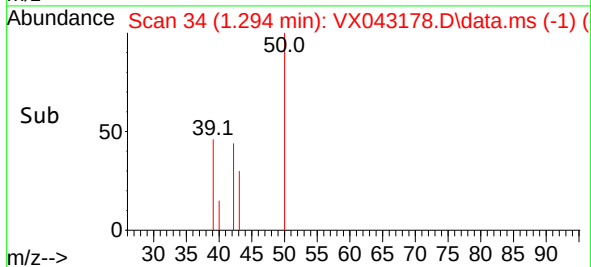
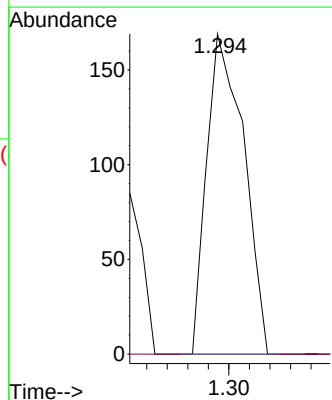
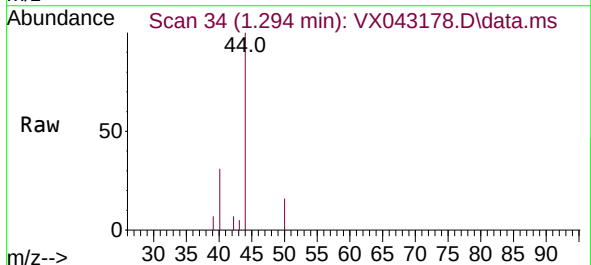
Instrument :
MSVOA_X
ClientSampleId :

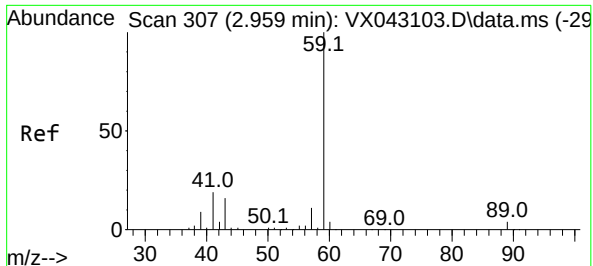
Tgt Ion:168 Resp: 84957
Ion Ratio Lower Upper
168 100
99 64.4 50.8 76.2



#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

Tgt Ion: 50 Resp: 212
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.717 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX043178.D

Acq: 26 Sep 2024 15:11

Instrument :

MSVOA_X

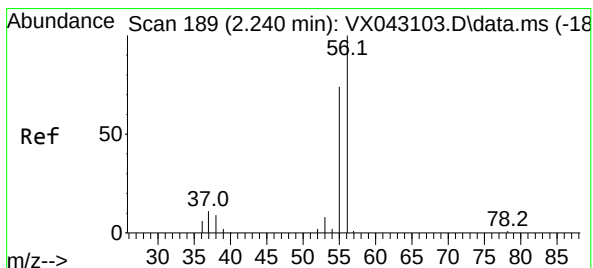
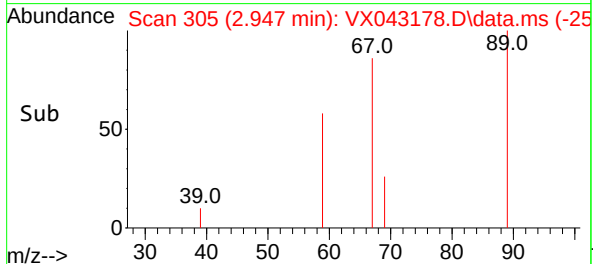
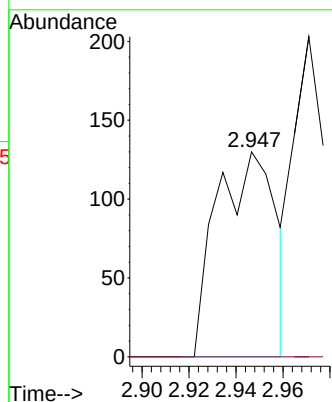
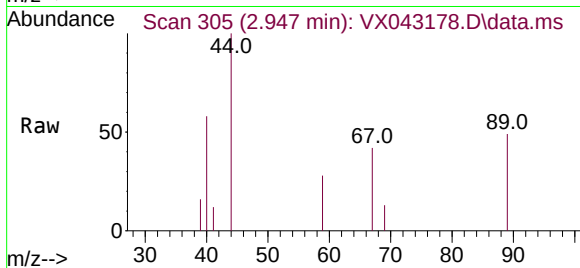
ClientSampleId :

Tgt Ion: 59 Resp: 226

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#13

Acrolein

Concen: 2.289 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX043178.D

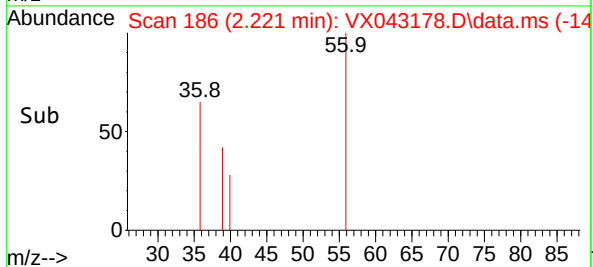
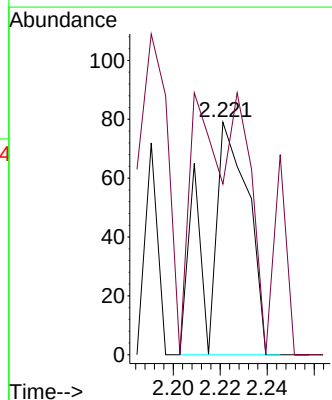
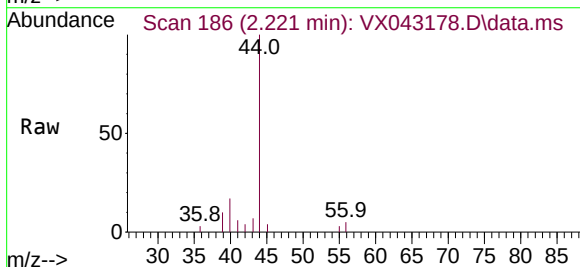
Acq: 26 Sep 2024 15:11

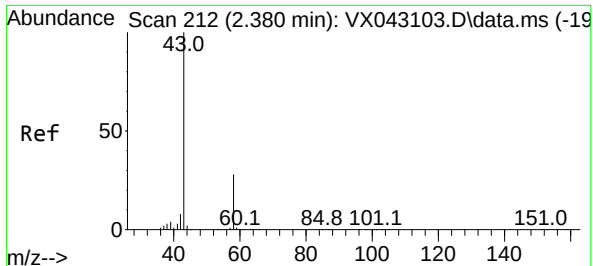
Tgt Ion: 56 Resp: 95

Ion Ratio Lower Upper

56 100

55 169.5 55.8 83.6#

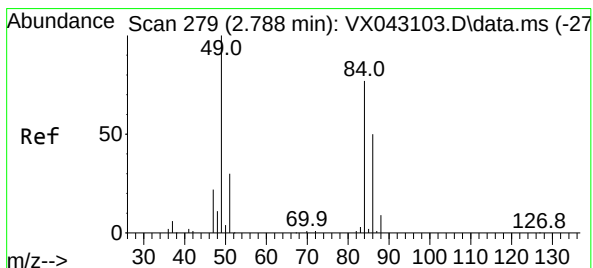
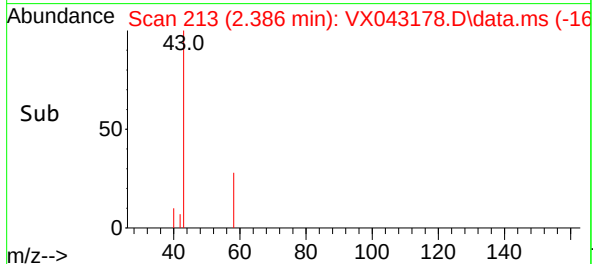
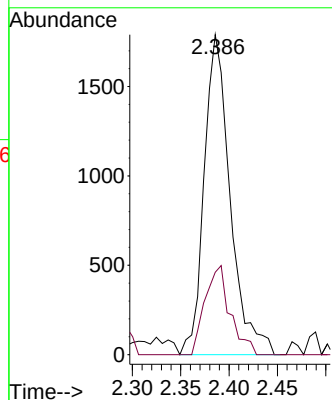
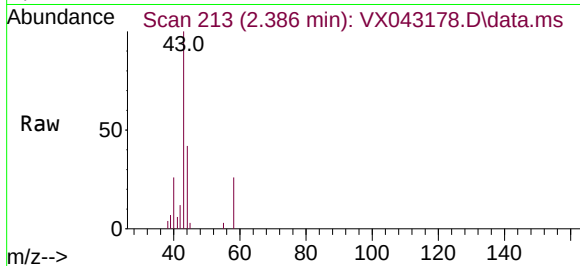




#16
Acetone
Concen: 5.090 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

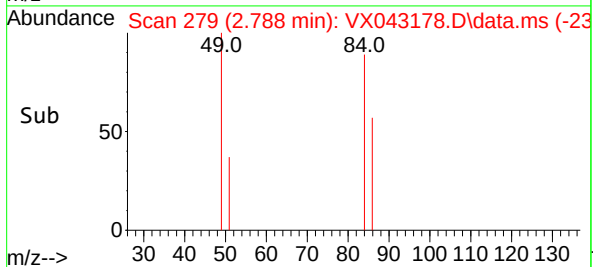
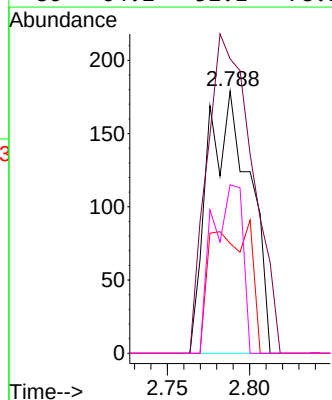
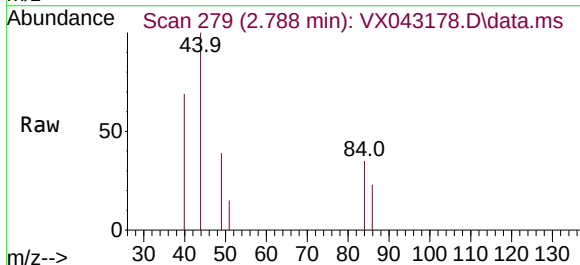
Instrument :
MSVOA_X
ClientSampleId :

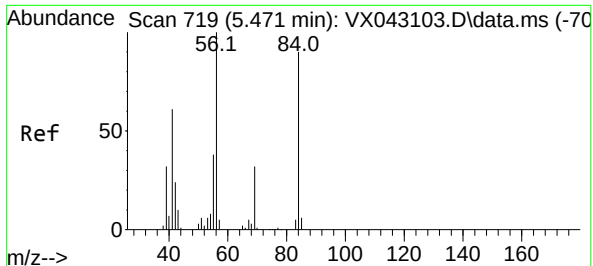
Tgt Ion: 43 Resp: 3359
Ion Ratio Lower Upper
43 100
58 25.8 22.6 34.0



#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

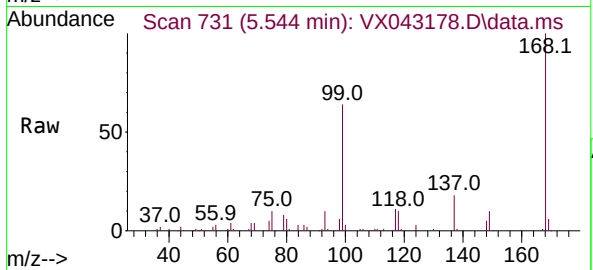
Tgt Ion: 84 Resp: 320
Ion Ratio Lower Upper
84 100
49 112.3 104.1 156.1
51 41.9 31.1 46.7
86 64.2 52.1 78.1



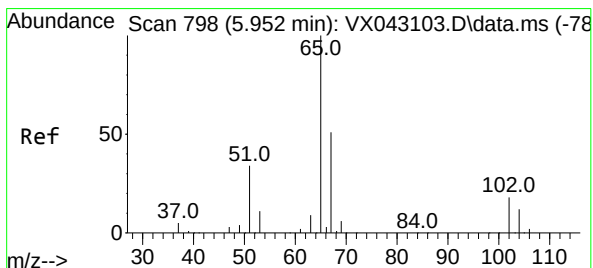
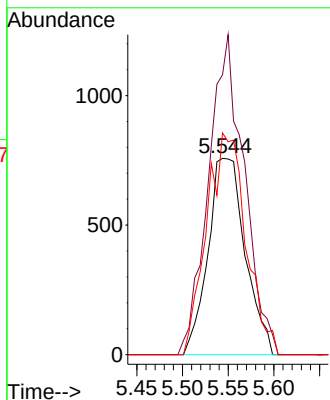
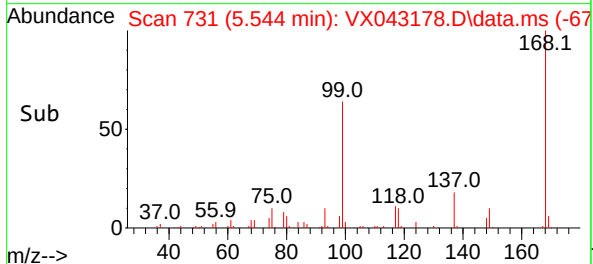


#31
Cyclohexane
Concen: 1.545 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

Instrument :
MSVOA_X
ClientSampleId :

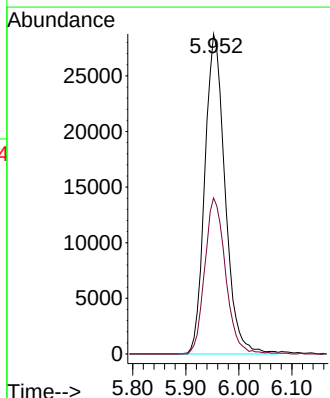
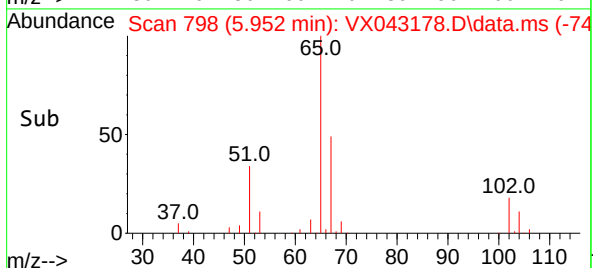
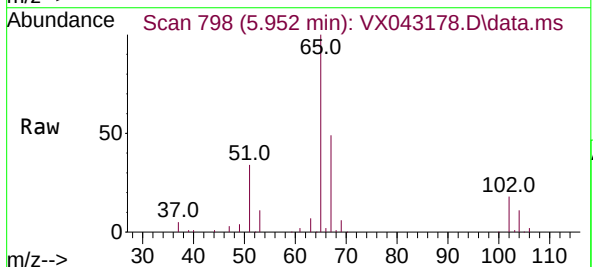


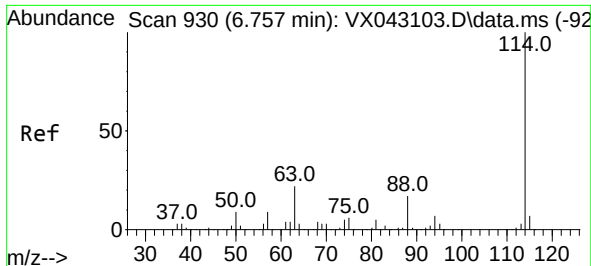
Tgt Ion: 56 Resp: 2144
Ion Ratio Lower Upper
56 100
69 142.5 25.8 38.6#
84 112.9 72.4 108.6#



#33
1,2-Dichloroethane-d4
Concen: 54.037 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

Tgt Ion: 65 Resp: 76256
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

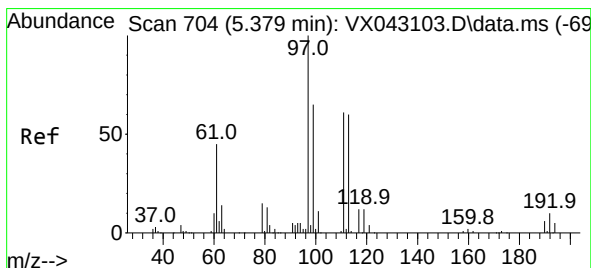
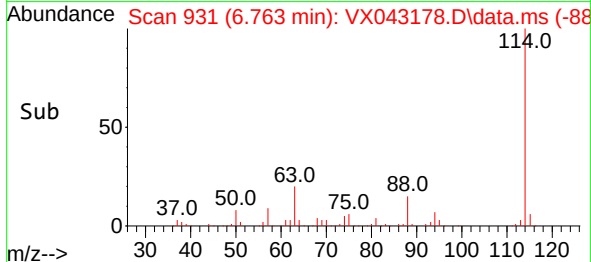
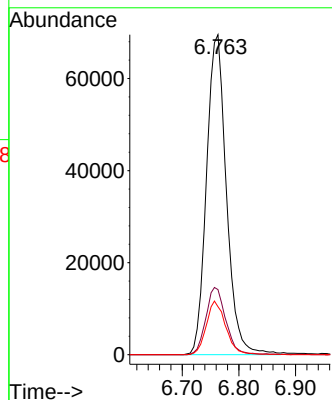
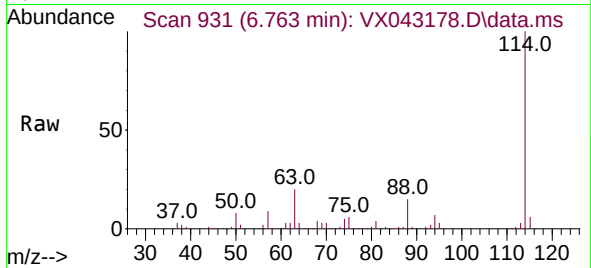




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

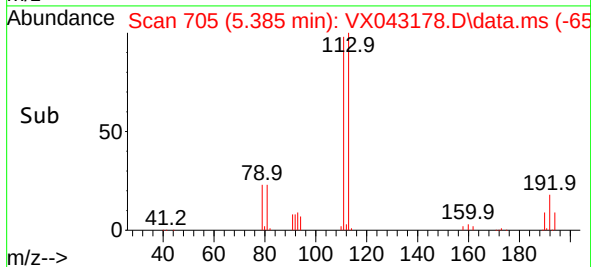
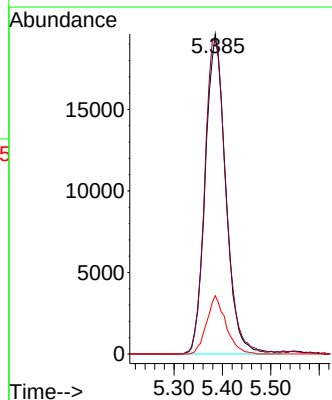
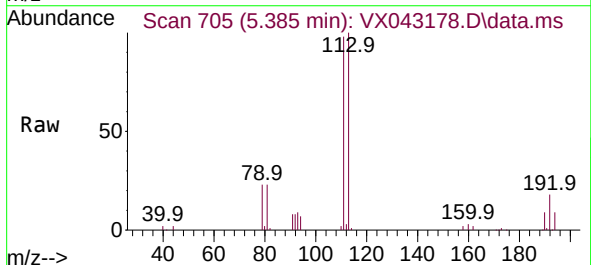
Instrument :
MSVOA_X
ClientSampleId :

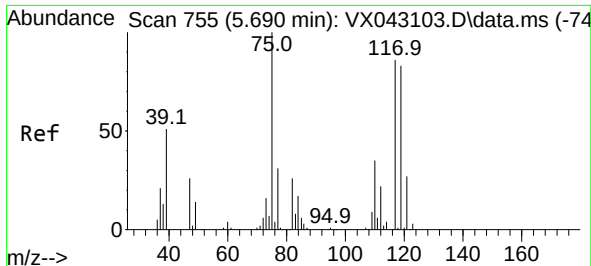
Tgt Ion:114 Resp: 169420
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.198 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

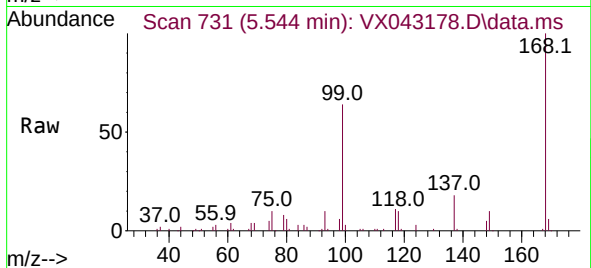
Tgt Ion:113 Resp: 57604
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 17.1 14.6 22.0



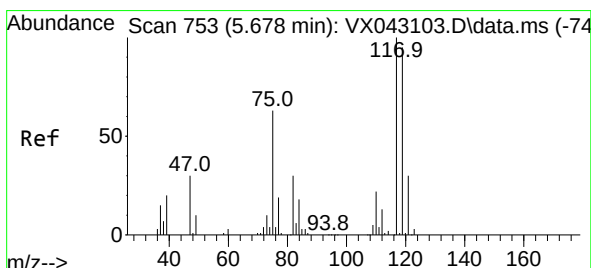
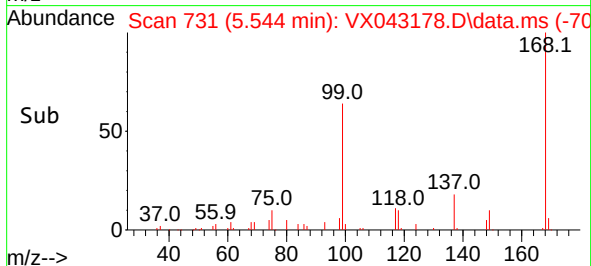
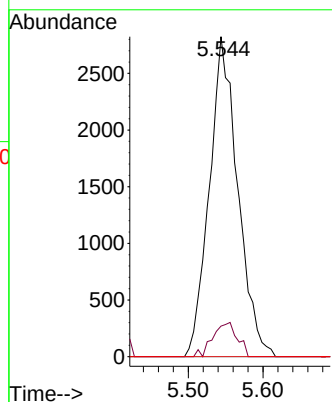


#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

Instrument :
MSVOA_X
ClientSampleId :

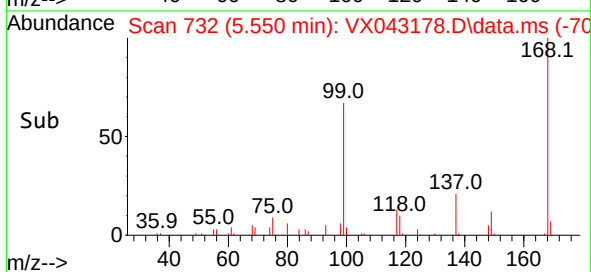
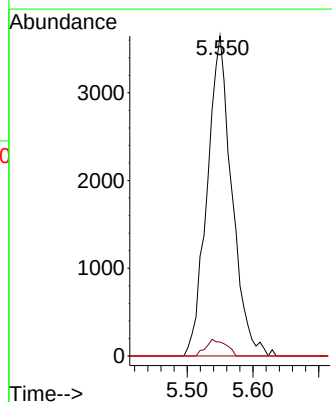
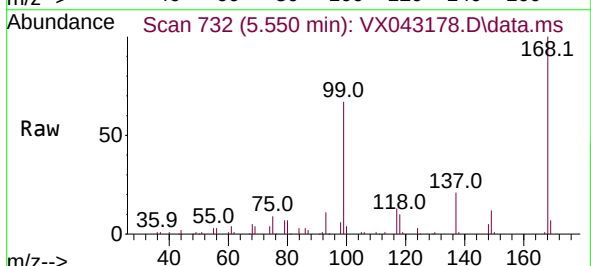


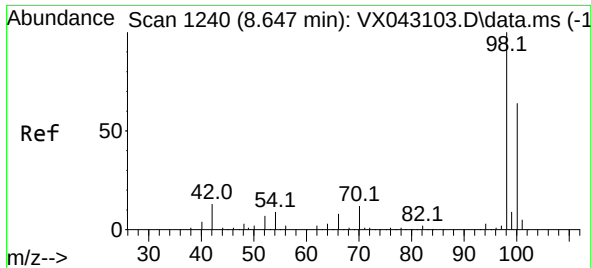
Tgt Ion: 75 Resp: 7455
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.049 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

Tgt Ion: 117 Resp: 9551
Ion Ratio Lower Upper
117 100
119 4.4 75.5 113.3#
121 0.0 24.2 36.2#

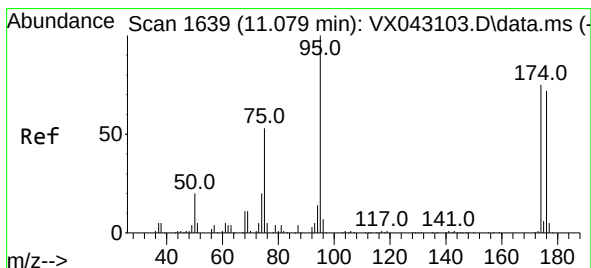
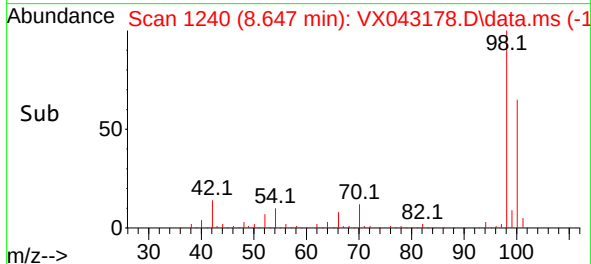
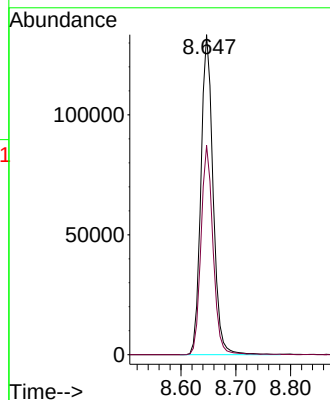
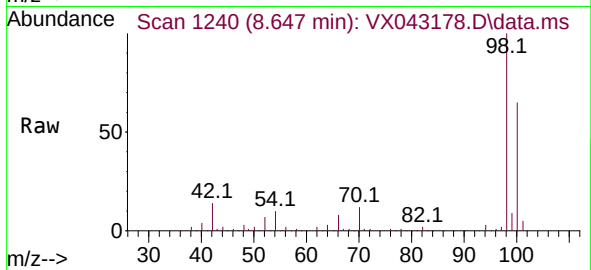




#50
Toluene-d8
Concen: 50.959 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

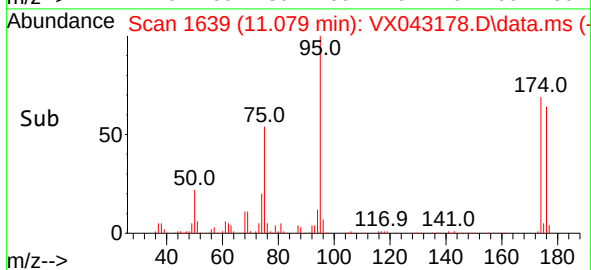
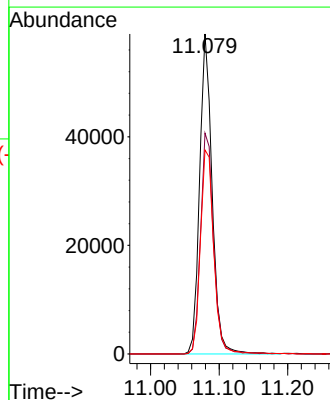
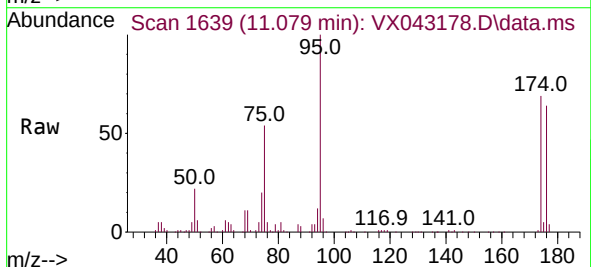
Instrument :
MSVOA_X
ClientSampleId :

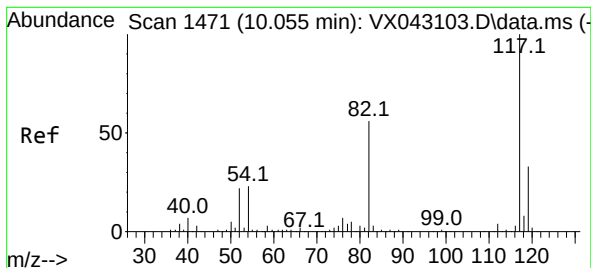
Tgt Ion: 98 Resp: 206049
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043178.D
Acq: 26 Sep 2024 15:11

Tgt Ion: 95 Resp: 74996
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.0
176 67.9 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043178.D

Acq: 26 Sep 2024 15:11

Instrument :

MSVOA_X

ClientSampleId :

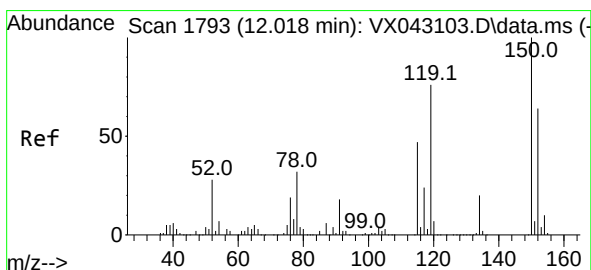
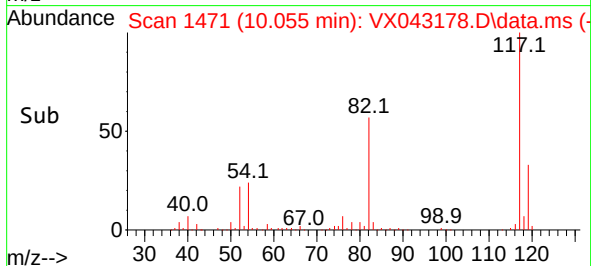
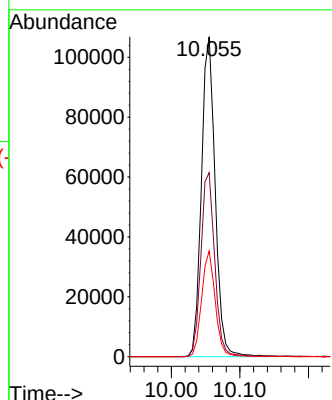
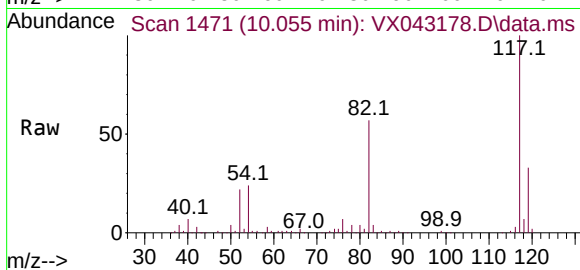
Tgt Ion:117 Resp: 149815

Ion Ratio Lower Upper

117 100

82 57.5 44.7 67.1

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043178.D

Acq: 26 Sep 2024 15:11

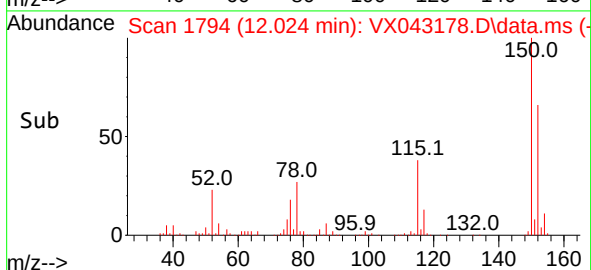
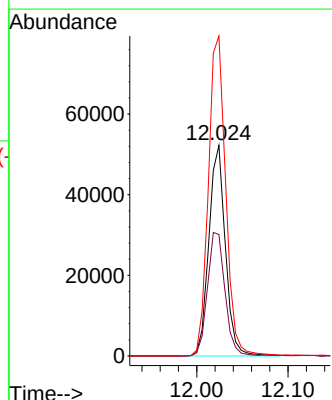
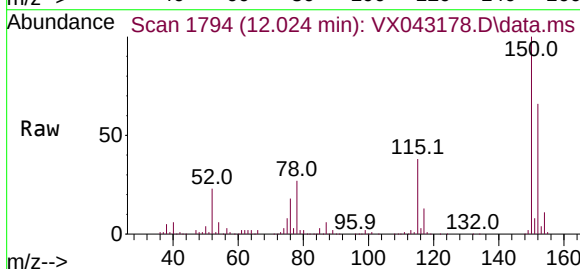
Tgt Ion:152 Resp: 65552

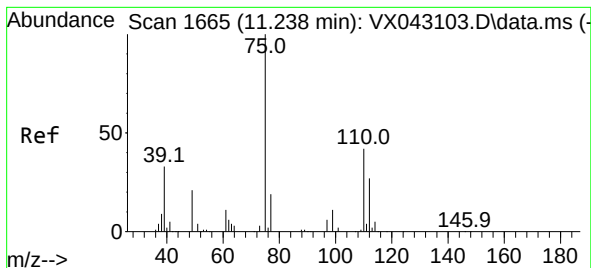
Ion Ratio Lower Upper

152 100

115 62.4 43.7 131.1

150 159.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 29.469 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043178.D

Acq: 26 Sep 2024 15:11

Instrument :

MSVOA_X

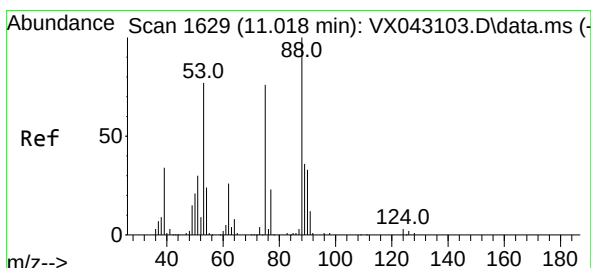
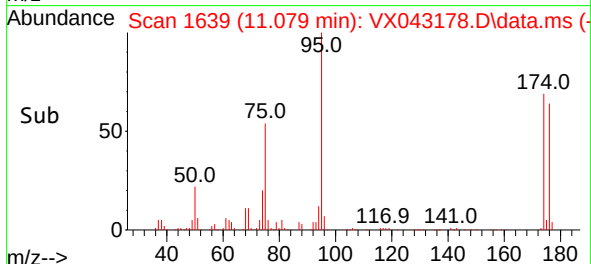
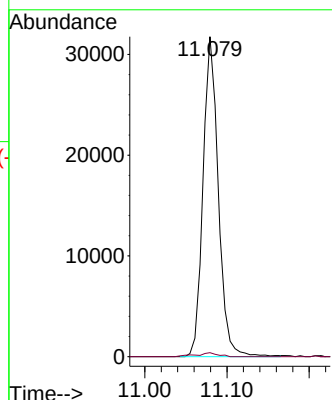
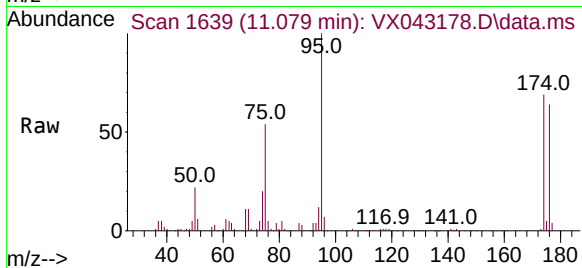
ClientSampleId :

Tgt Ion: 75 Resp: 41070

Ion Ratio Lower Upper

75 100

77 1.7 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.212 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043178.D

Acq: 26 Sep 2024 15:11

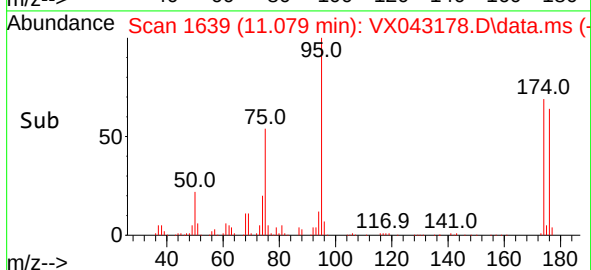
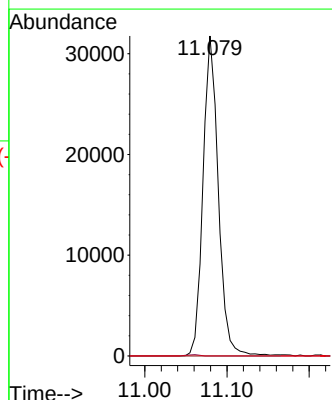
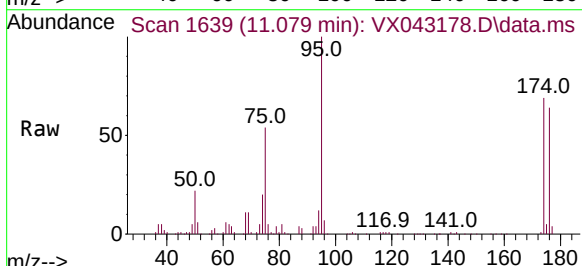
Tgt Ion: 75 Resp: 41070

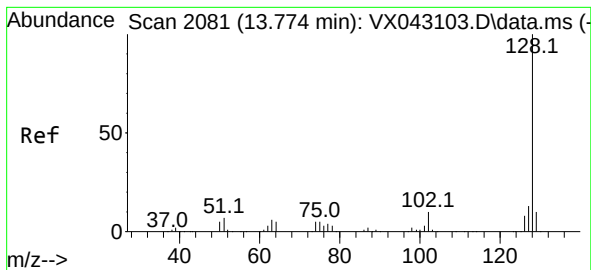
Ion Ratio Lower Upper

75 100

53 0.3 85.4 128.2#

89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.226 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

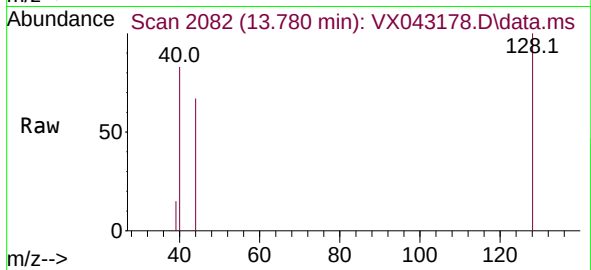
Lab File: VX043178.D

Acq: 26 Sep 2024 15:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1031

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 13.0#

