

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025771.D
 Acq On : 14 Dec 2021 12:14
 Operator : JC/MD
 Sample : VX1214WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL01

Quant Time: Dec 15 07:01:33 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)

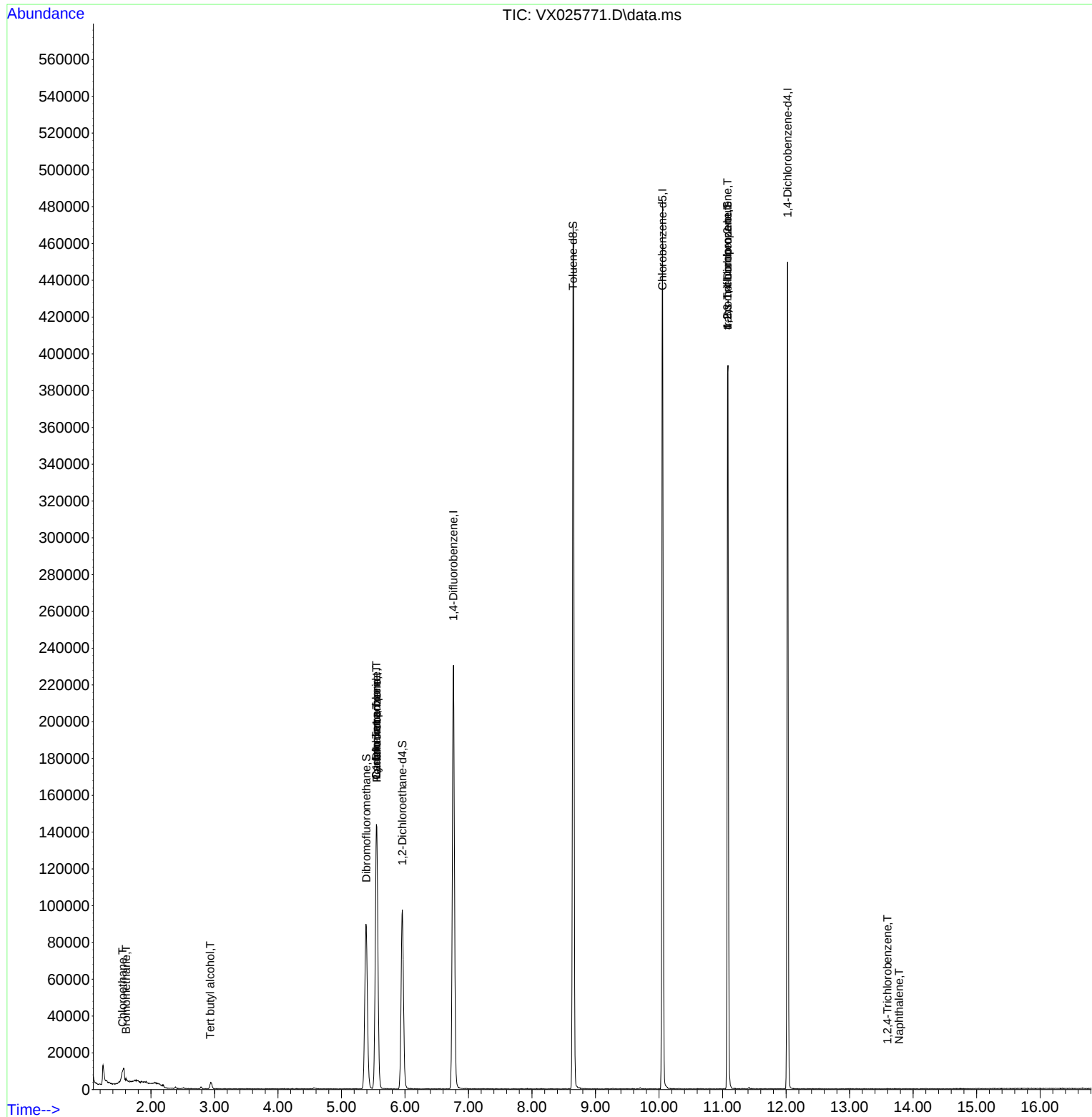
Internal Standards						
1) Pentafluorobenzene	5.556	168	135880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91839	46.975	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.940%		
35) Dibromofluoromethane	5.391	113	77755	47.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.647	98	281837	46.821	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.640%		
62) 4-Bromofluorobenzene	11.079	95	109080	47.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.400%		
Target Compounds			Qvalue			
5) Bromomethane	1.605	94	267	0.222	ug/l #	17
6) Chloroethane	1.551	64	4401	3.610	ug/l #	57
11) Tert butyl alcohol	2.934	59	2134	5.441	ug/l #	73
16) Acetone	2.374	43	840	Below Cal	#	76
20) Methylene Chloride	2.788	84	431	Below Cal	#	93
31) Cyclohexane	5.550	56	2858	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11016	4.917	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14046	5.388	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	55720	27.145	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55720	84.157	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.597	180	80	3.412	ug/l #	56
95) Naphthalene	13.780	128	184	2.440	ug/l #	69

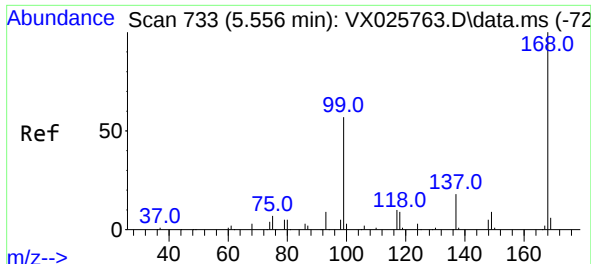
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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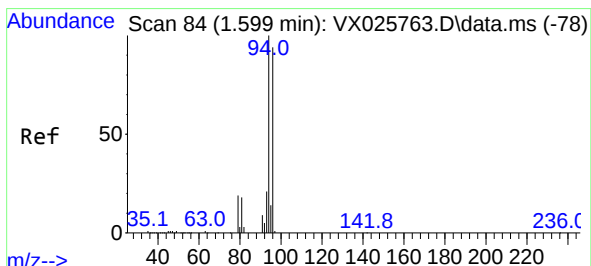
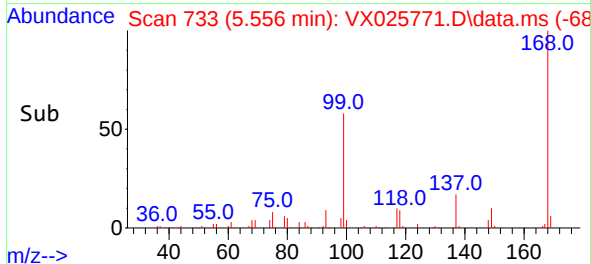
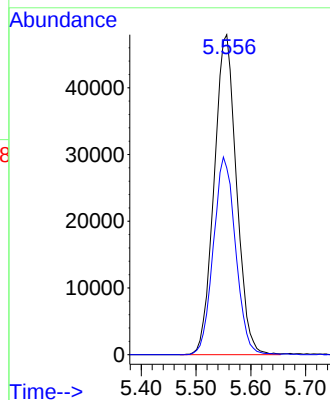
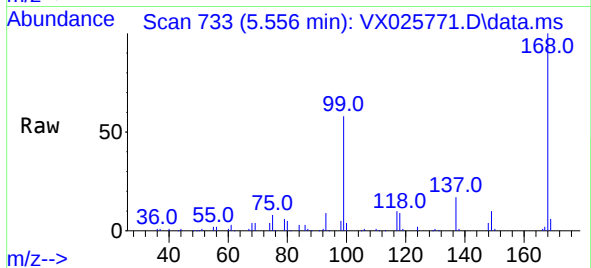




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

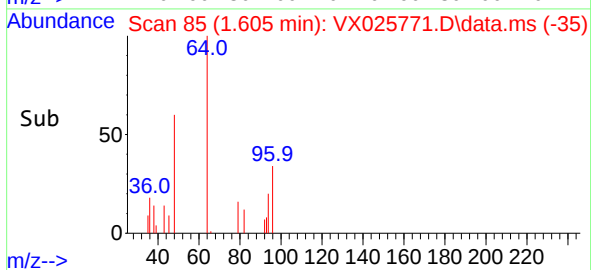
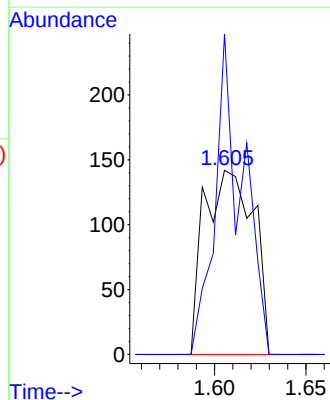
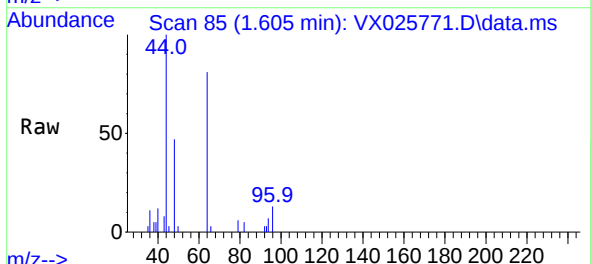
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

Tgt Ion:168 Resp: 135880
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.8

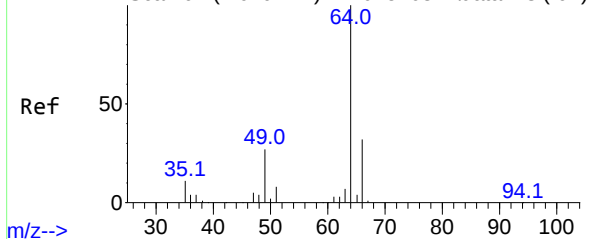


#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Tgt Ion: 94 Resp: 267
Ion Ratio Lower Upper
94 100
96 173.9 75.0 112.4#



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

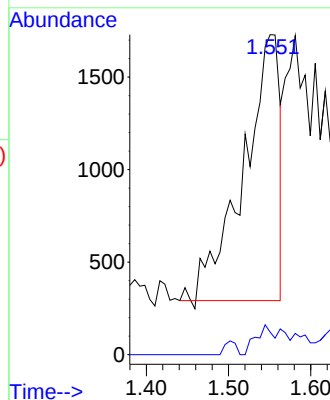
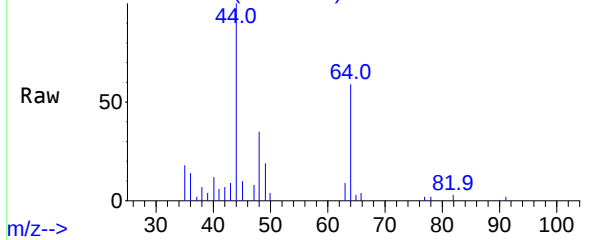


#6
Chloroethane
Concen: 3.610 ug/l
RT: 1.551 min Scan# 70
Delta R.T. -0.128 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

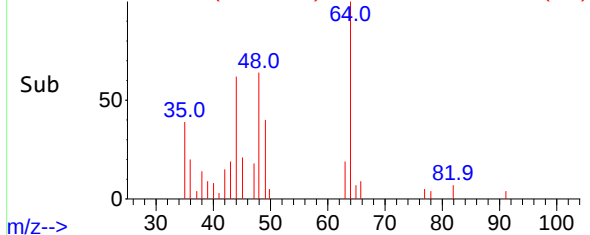
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

Tgt Ion: 64 Resp: 4401
Ion Ratio Lower Upper
64 100
66 8.5 25.9 38.9#

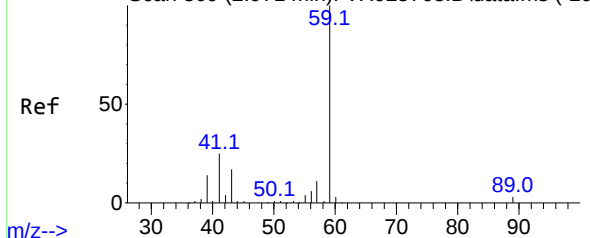
Abundance Scan 76 (1.551 min): VX025771.D\data.ms



Abundance Scan 76 (1.551 min): VX025771.D\data.ms (-48)



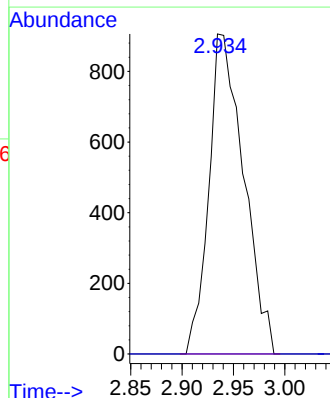
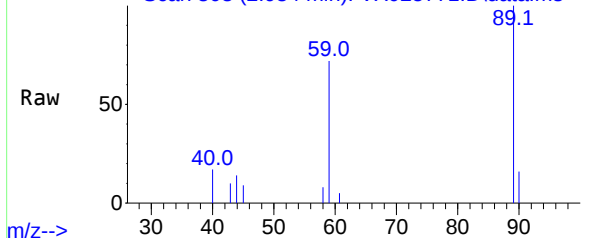
Abundance Scan 309 (2.971 min): VX025763.D\data.ms (-29)



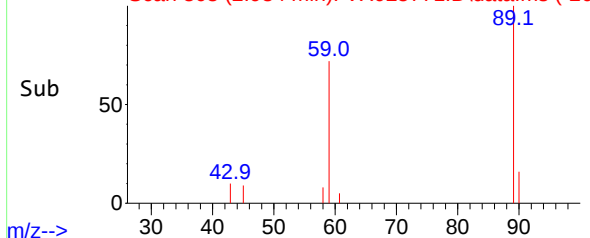
#11
Tert butyl alcohol
Concen: 5.441 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.037 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

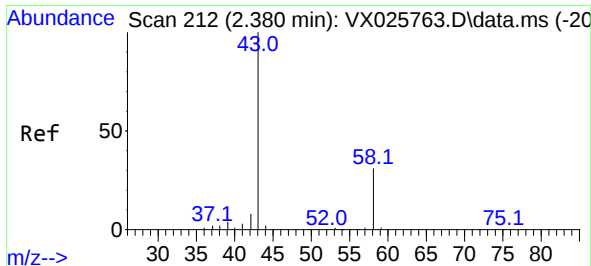
Tgt Ion: 59 Resp: 2134
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

Abundance Scan 303 (2.934 min): VX025771.D\data.ms



Abundance Scan 303 (2.934 min): VX025771.D\data.ms (-26)

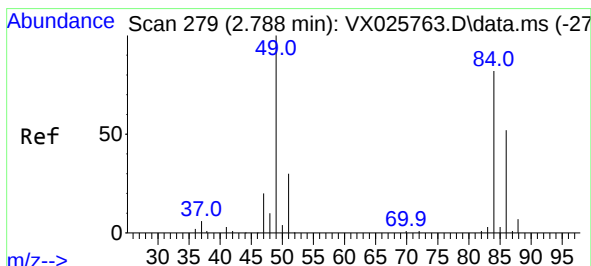
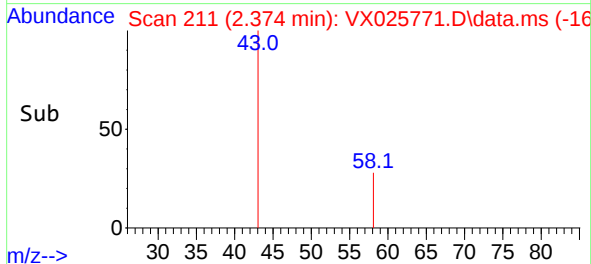
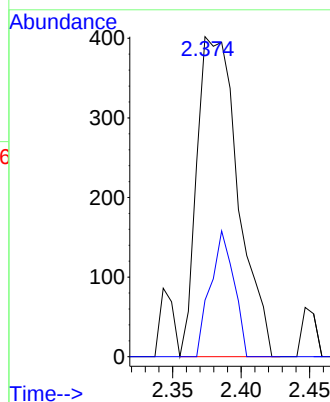
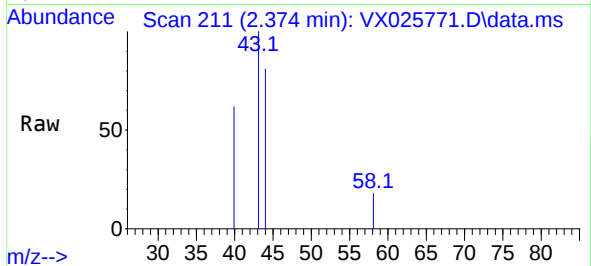




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

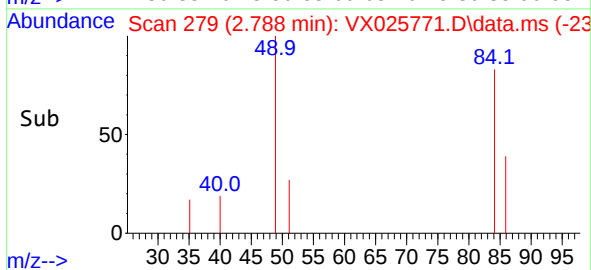
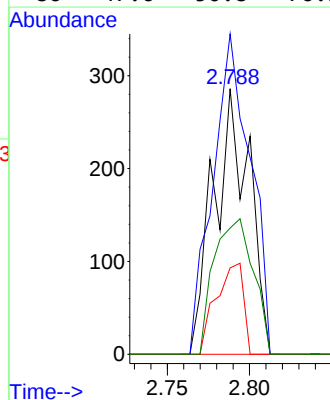
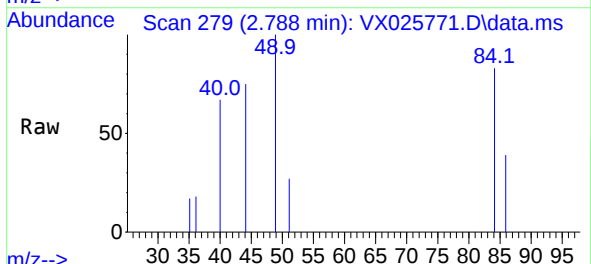
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

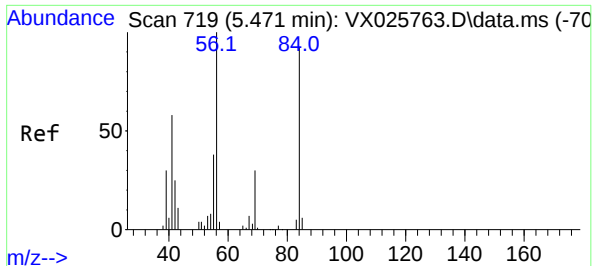
Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
58 17.7 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Tgt Ion: 84 Resp: 431
Ion Ratio Lower Upper
84 100
49 120.6 97.1 145.7
51 32.5 29.3 43.9
86 47.6 50.8 76.2#

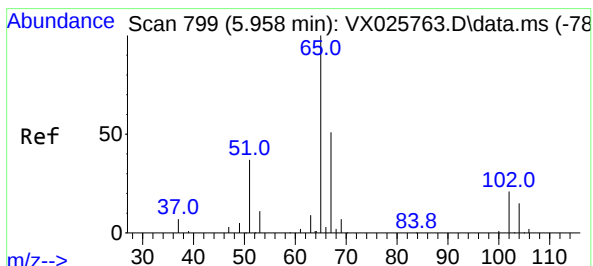
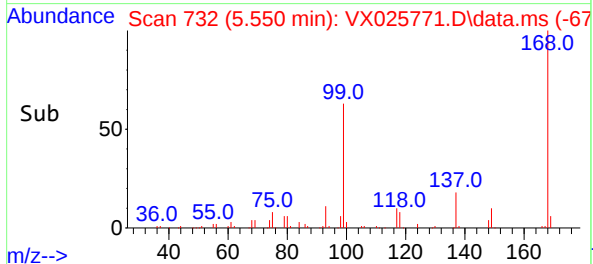
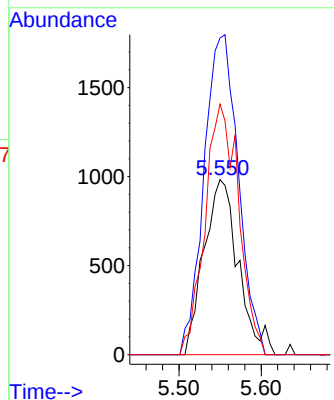
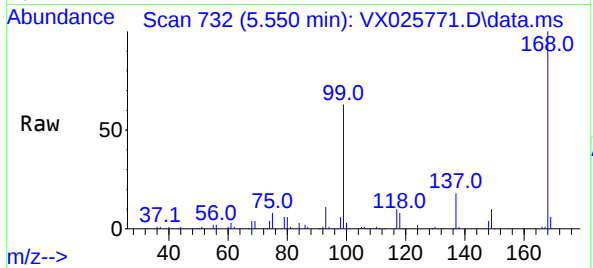




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

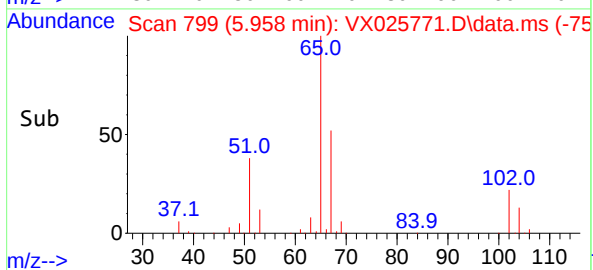
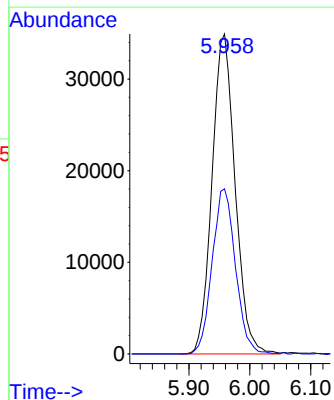
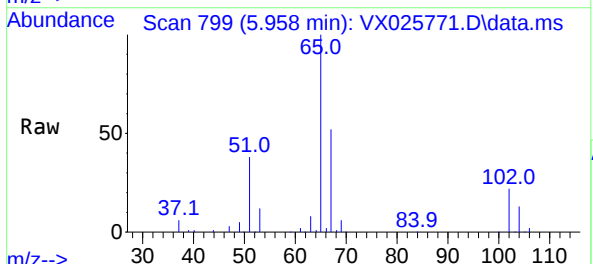
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

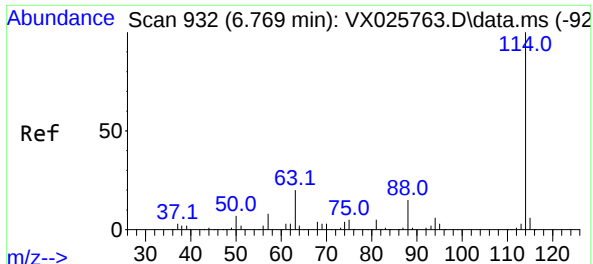
Tgt Ion: 56 Resp: 2858
Ion Ratio Lower Upper
56 100
69 180.9 23.9 35.9#
84 143.1 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 46.975 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Tgt Ion: 65 Resp: 91839
Ion Ratio Lower Upper
65 100
67 52.0 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: VX025771.D

Acq: 14 Dec 2021 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL01

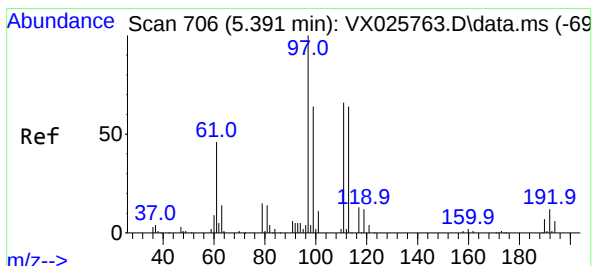
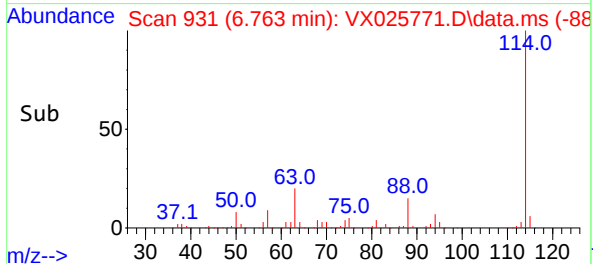
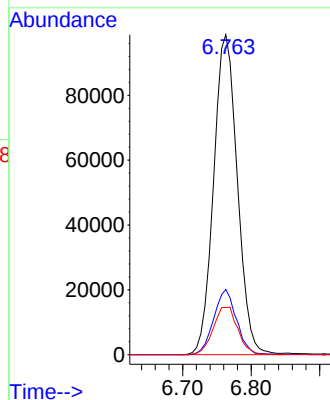
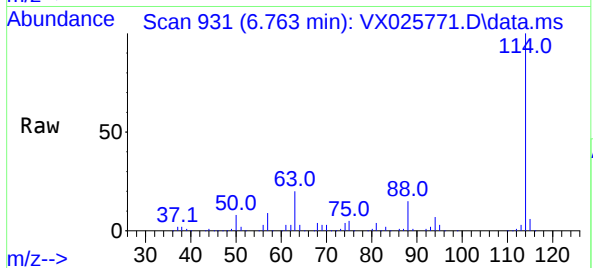
Tgt Ion:114 Resp: 236891

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.064 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025771.D

Acq: 14 Dec 2021 12:14

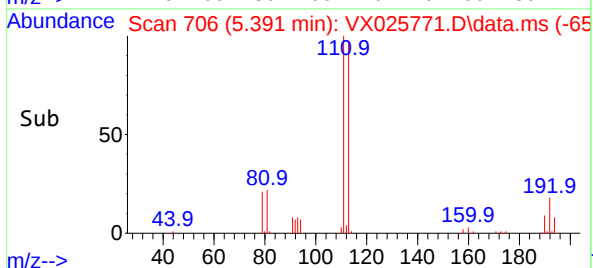
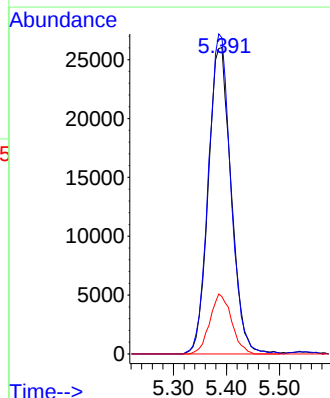
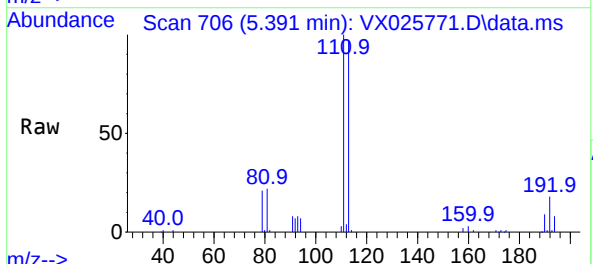
Tgt Ion:113 Resp: 77755

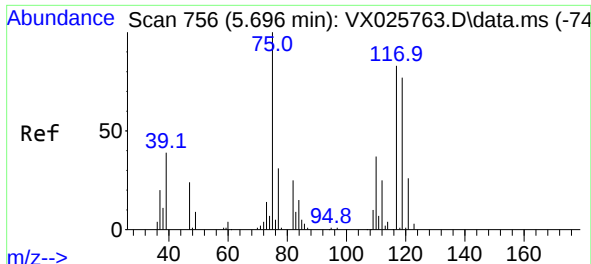
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 18.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.917 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX025771.D

Acq: 14 Dec 2021 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL01

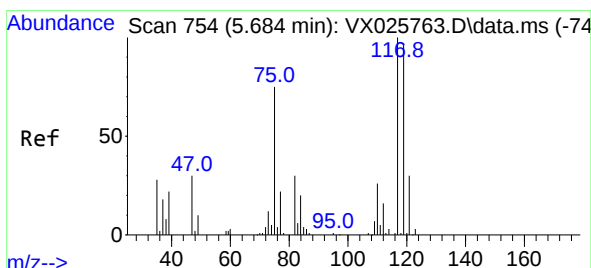
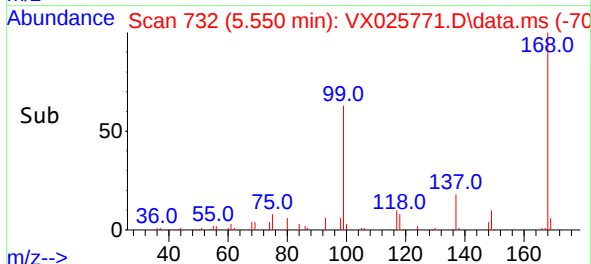
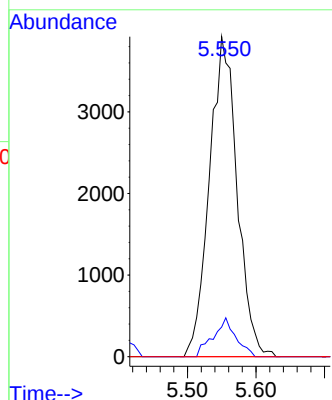
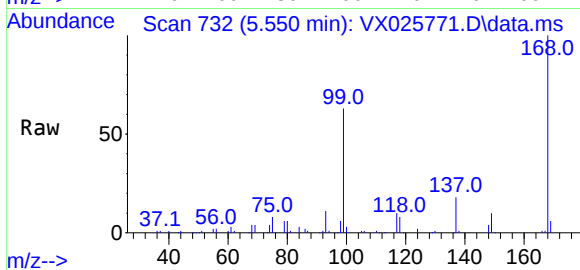
Tgt Ion: 75 Resp: 11016

Ion Ratio Lower Upper

75 100

110 9.9 18.2 54.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.388 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX025771.D

Acq: 14 Dec 2021 12:14

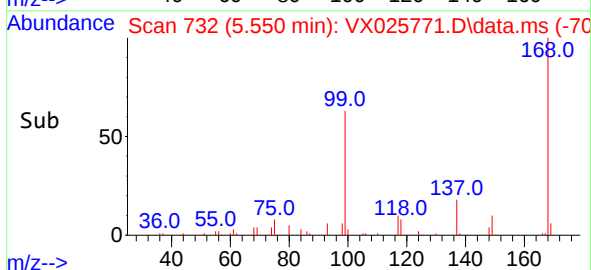
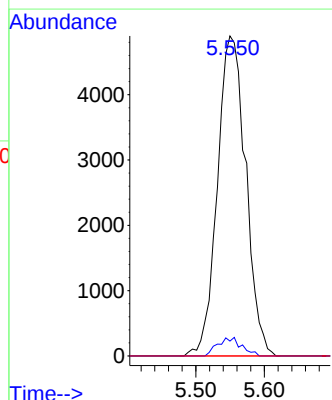
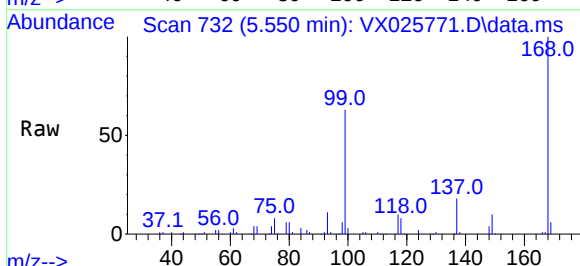
Tgt Ion: 117 Resp: 14046

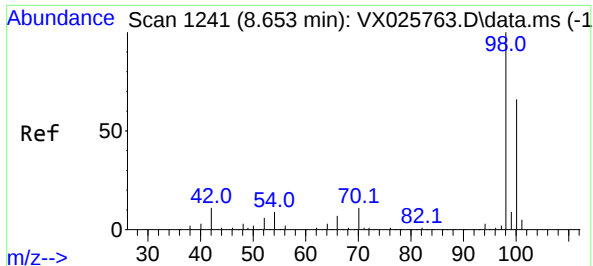
Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

121 0.0 23.8 35.8#

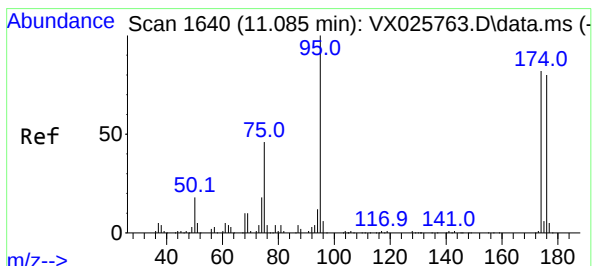
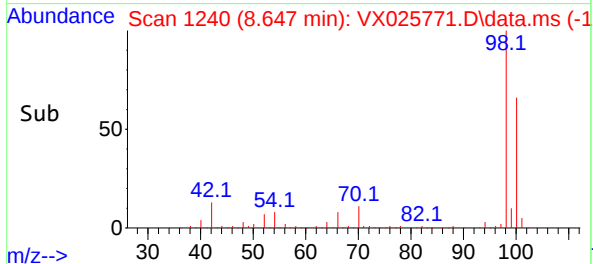
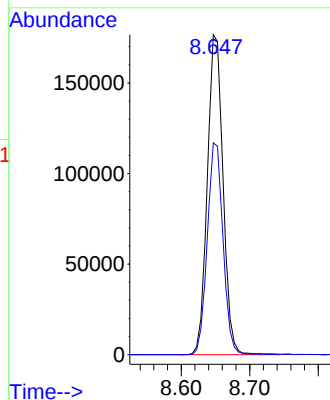
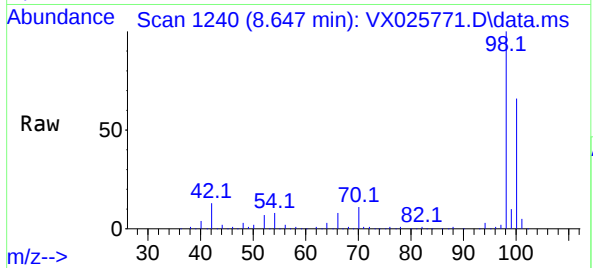




#50
Toluene-d8
Concen: 46.821 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

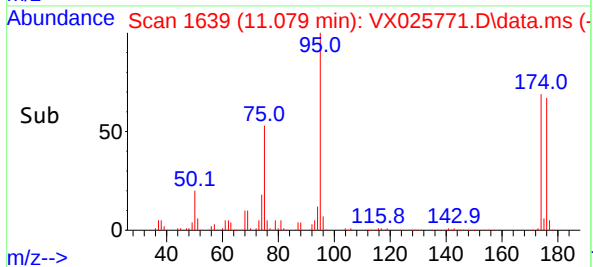
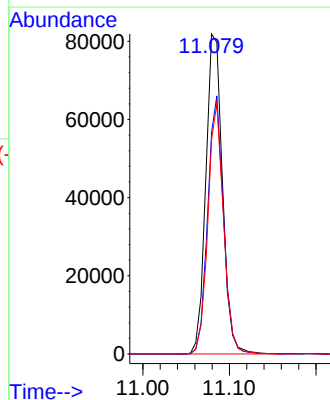
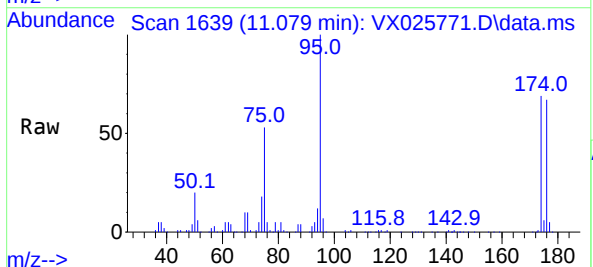
Instrument :
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VX1214WBL01

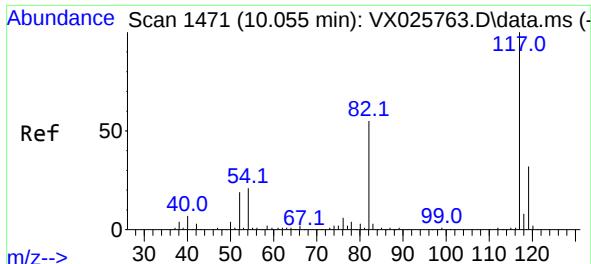
Tgt Ion: 98 Resp: 281837
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Tgt Ion: 95 Resp: 109080
Ion Ratio Lower Upper
95 100
174 76.5 0.0 157.4
176 73.4 0.0 154.6

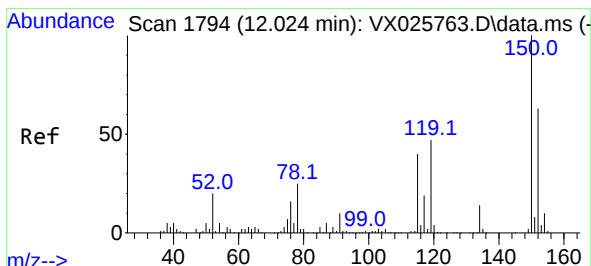
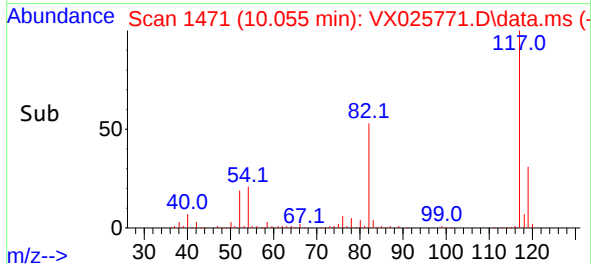
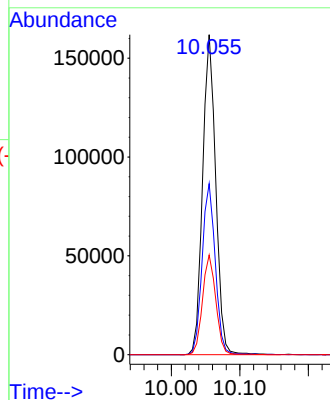
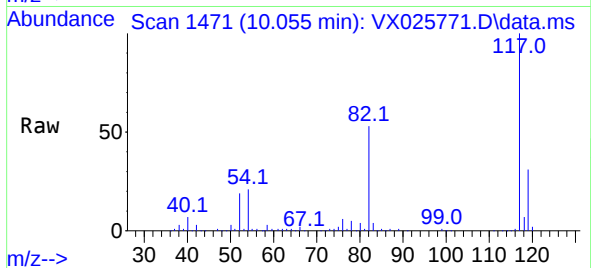




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

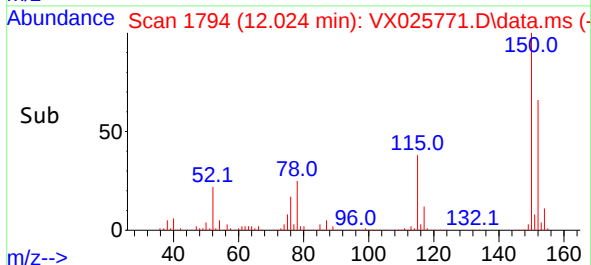
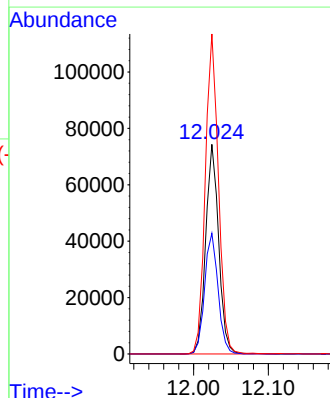
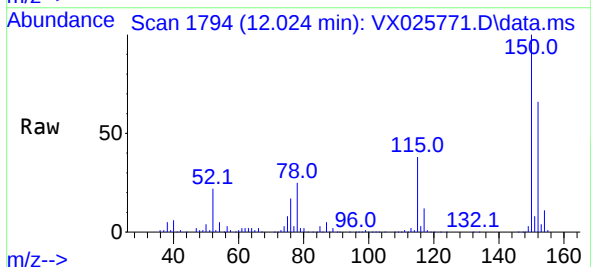
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

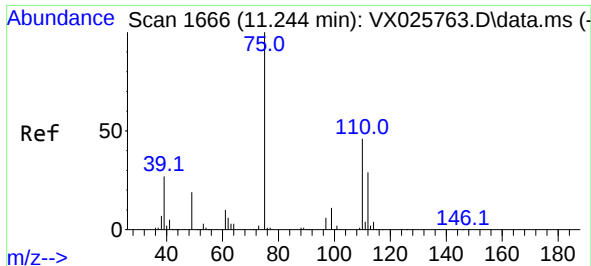
Tgt Ion:117 Resp: 215953
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.6
119 31.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Tgt Ion:152 Resp: 89591
Ion Ratio Lower Upper
152 100
115 59.6 41.3 123.9
150 154.7 0.0 351.8

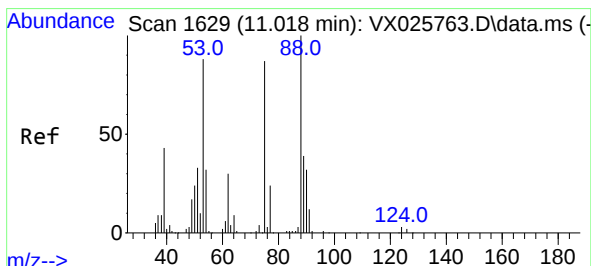
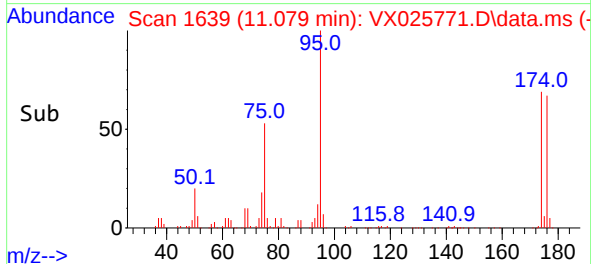
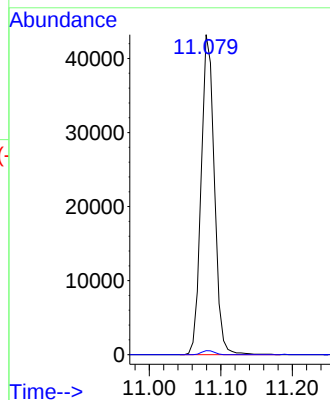
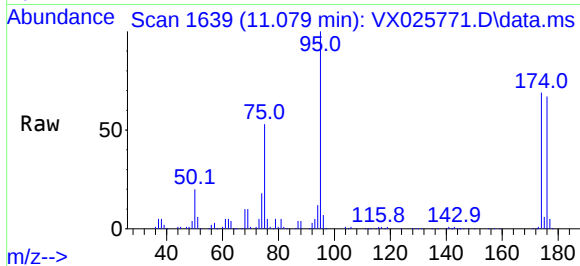




#76
1,2,3-Trichloropropane
Concen: 27.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

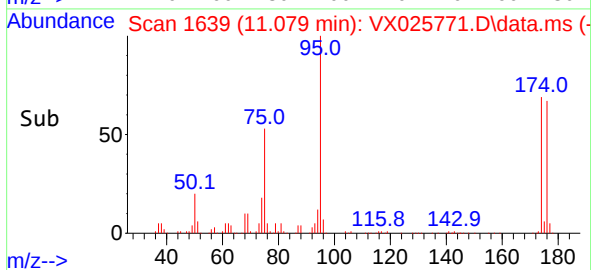
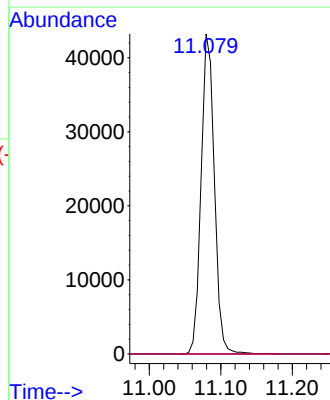
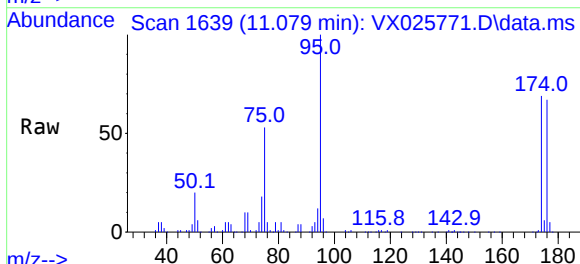
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

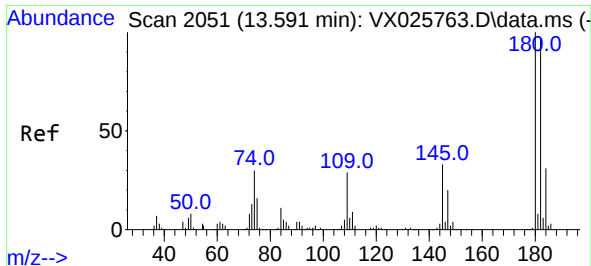
Tgt Ion: 75 Resp: 55720
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Tgt Ion: 75 Resp: 55720
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

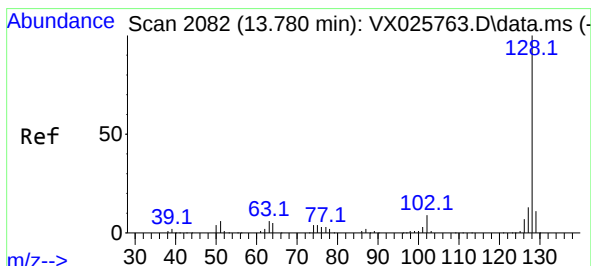
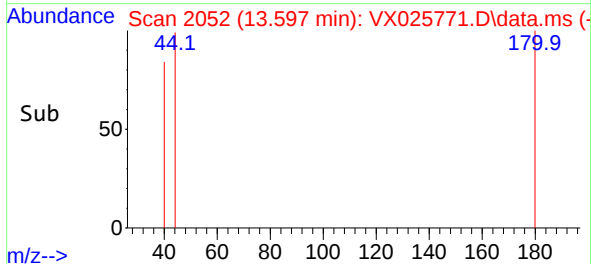
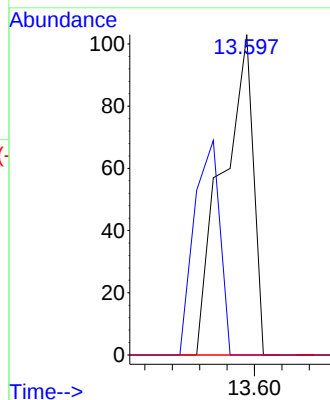
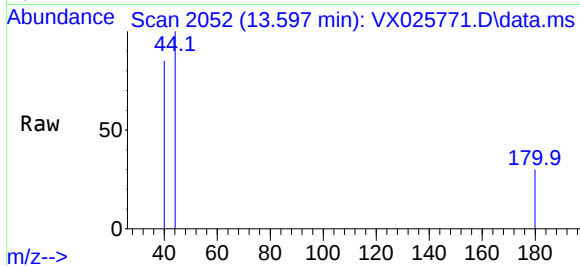




#93
1,2,4-Trichlorobenzene
Concen: 3.412 ug/l
RT: 13.597 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL01

Tgt Ion:180 Resp: 80
Ion Ratio Lower Upper
180 100
182 56.3 47.2 141.6
145 0.0 16.3 48.9#



#95
Naphthalene
Concen: 2.440 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025771.D
Acq: 14 Dec 2021 12:14

Tgt Ion:128 Resp: 184
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

