

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025794.D
 Acq On : 14 Dec 2021 22:47
 Operator : JC/MD
 Sample : VX1214WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBL02

Quant Time: Dec 15 07:11:33 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)

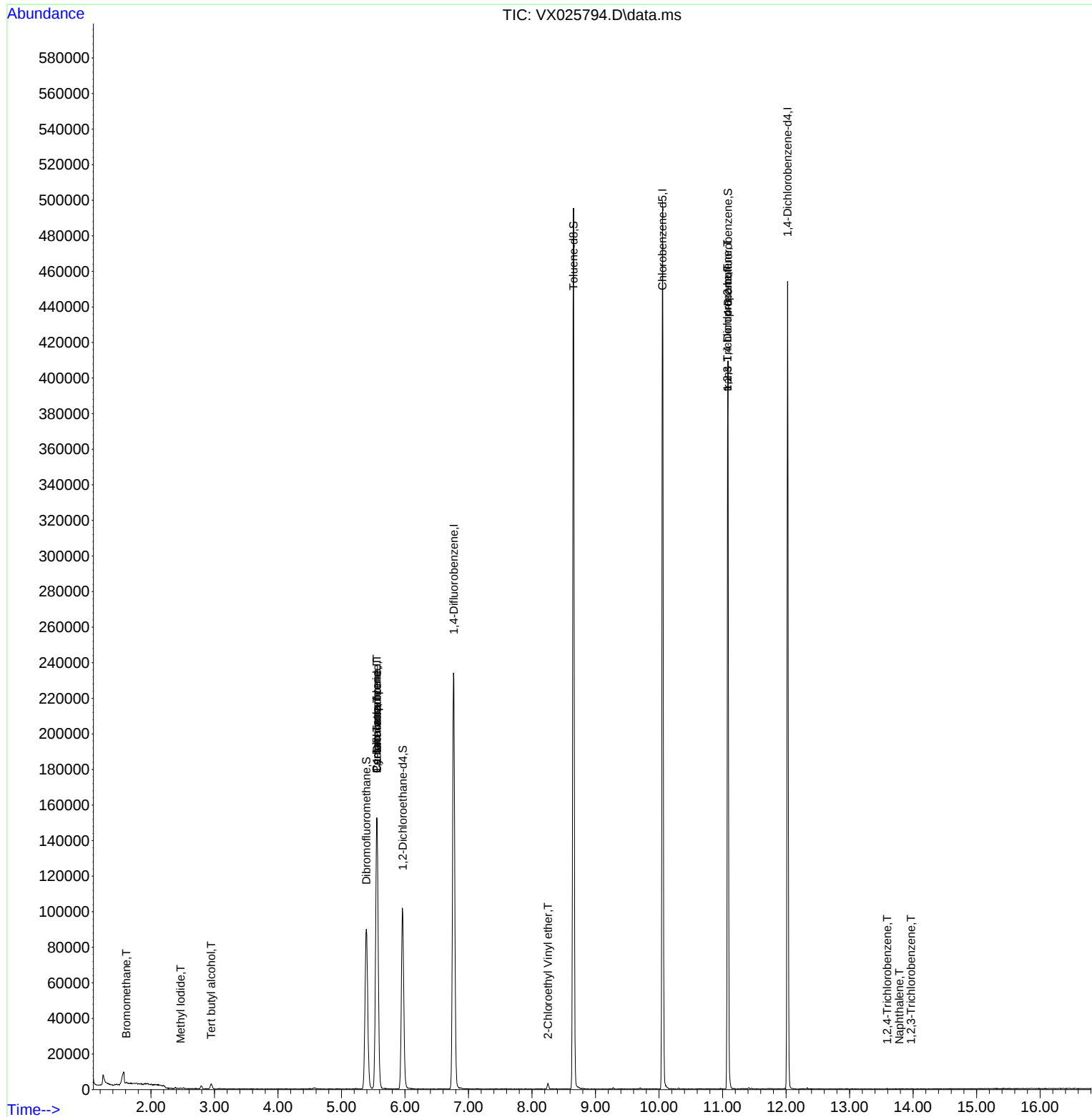
Internal Standards						
1) Pentafluorobenzene	5.556	168	144051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94461	45.575	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.160%		
35) Dibromofluoromethane	5.391	113	79395	46.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.340%		
50) Toluene-d8	8.653	98	284596	45.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.840%#		
62) 4-Bromofluorobenzene	11.085	95	107820	45.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.600%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	299	0.235	ug/l #	56
10) Methyl Iodide	2.465	142	566	0.290	ug/l #	65
11) Tert butyl alcohol	2.946	59	1690	4.065	ug/l #	73
16) Acetone	2.379	43	585	Below Cal	#	87
20) Methylene Chloride	2.788	84	781	Below Cal	#	74
31) Cyclohexane	5.556	56	3294	1.307	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11067	4.745	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14669	5.406	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.250	63	1287	16.541	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	54465	25.630	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54465	79.461	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.591	180	125	3.433	ug/l #	68
95) Naphthalene	13.786	128	258	2.450	ug/l #	79
96) 1,2,3-Trichlorobenzene	13.969	180	29	3.008	ug/l #	1

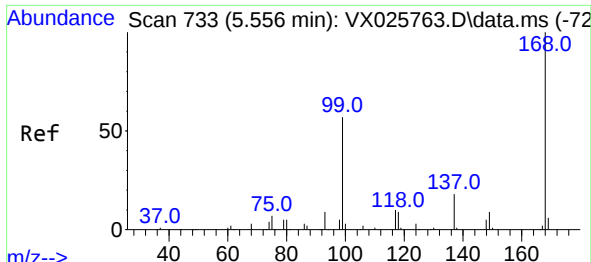
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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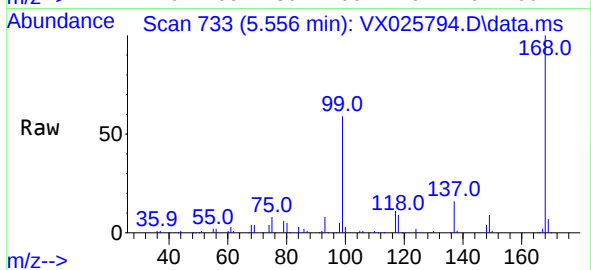
Quant Time: Dec 15 07:11:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
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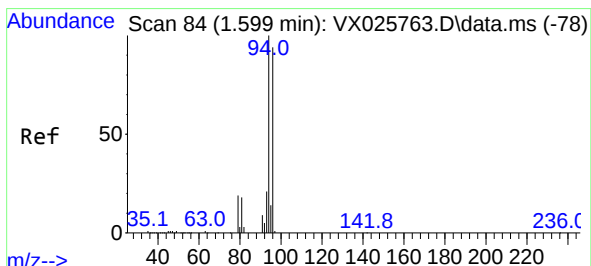
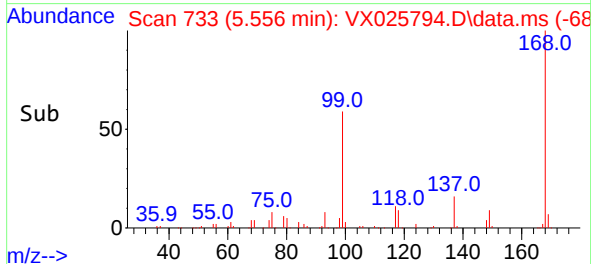
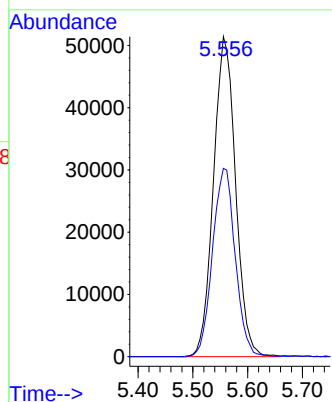


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

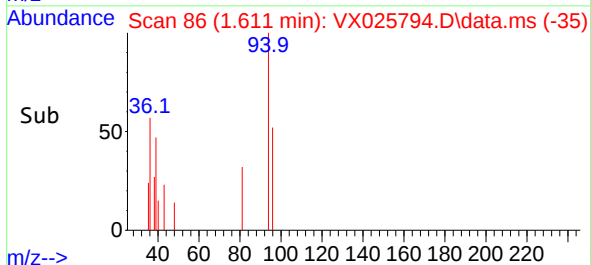
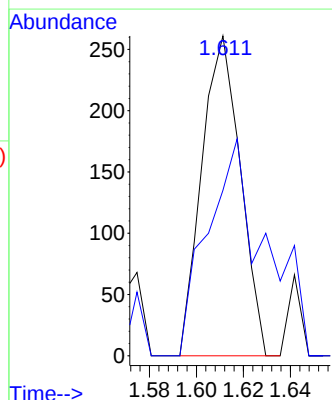
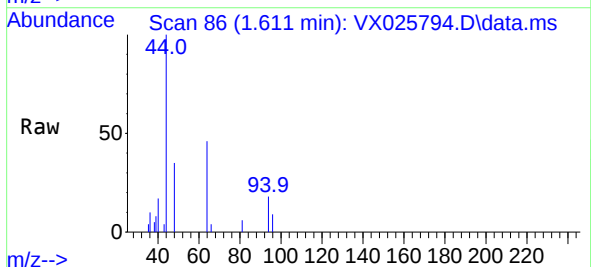


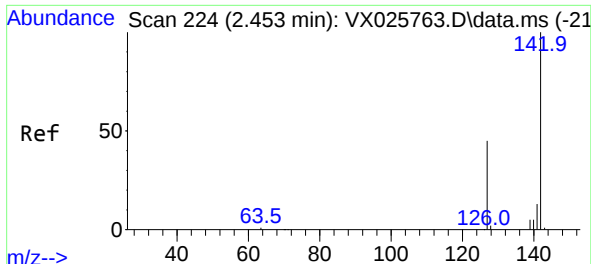
Tgt Ion:168 Resp: 144051
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.8



#5
Bromomethane
Concen: 0.235 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

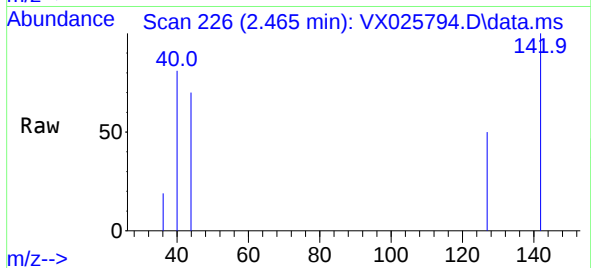
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 51.7 75.0 112.4#



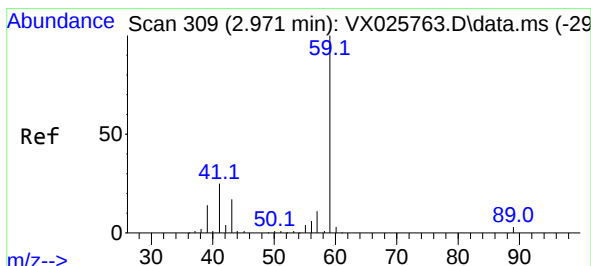
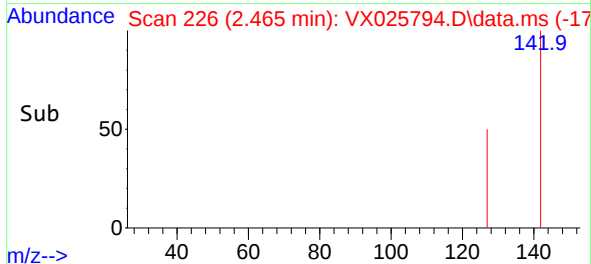
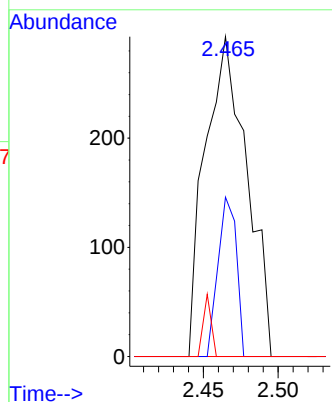


#10
Methyl Iodide
Concen: 0.290 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

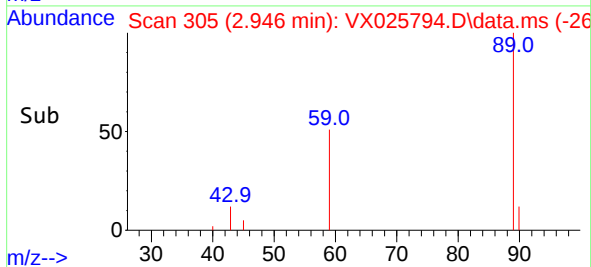
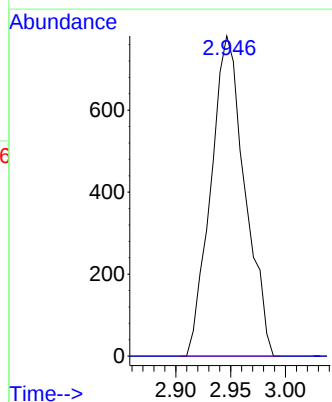
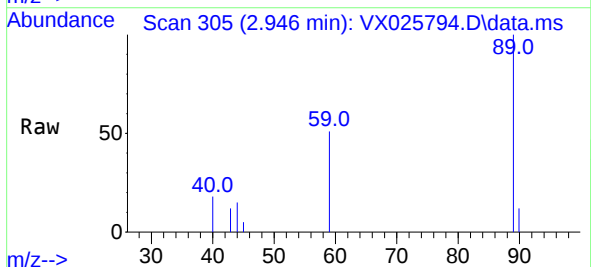


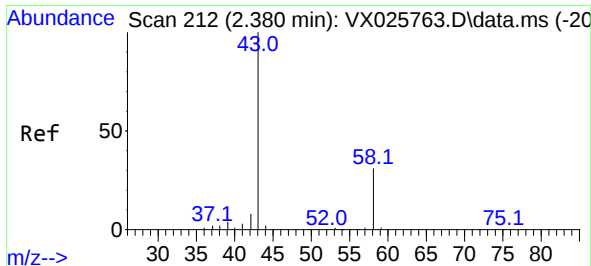
Tgt Ion:142 Resp: 566
Ion Ratio Lower Upper
142 100
127 22.1 37.5 56.3#
141 3.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.065 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Tgt Ion: 59 Resp: 1690
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

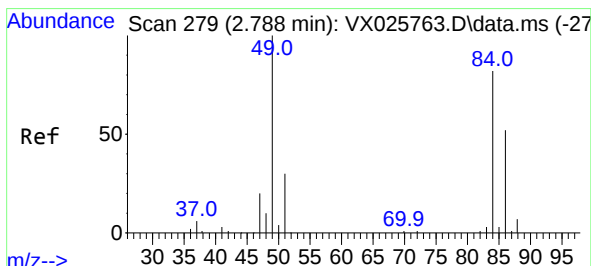
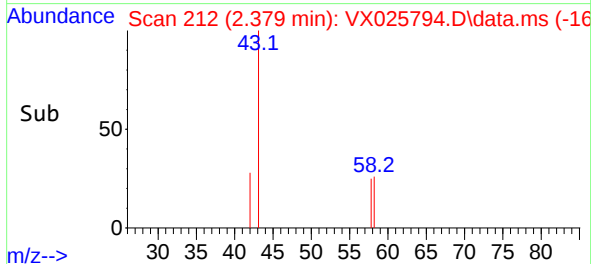
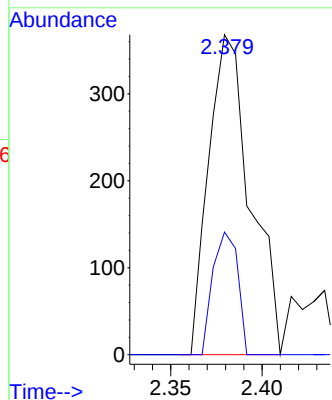
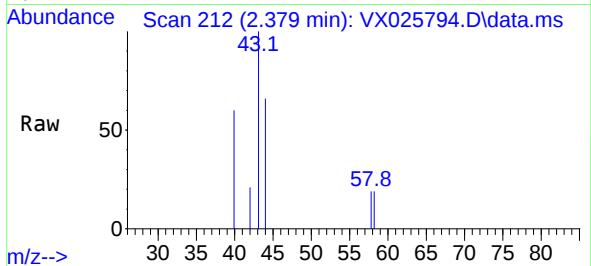




#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

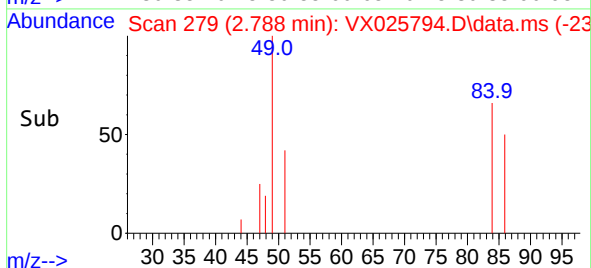
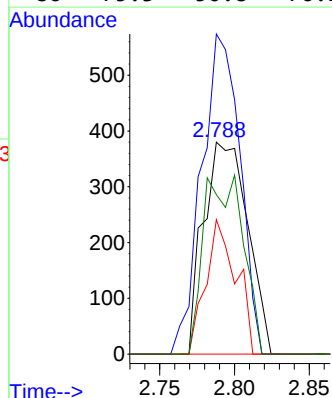
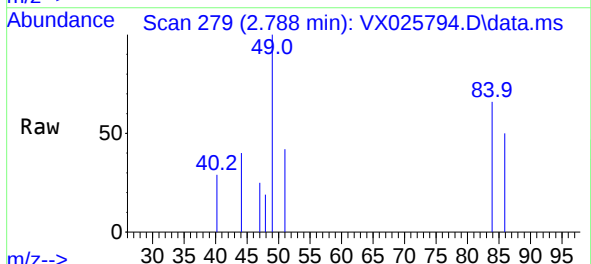
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

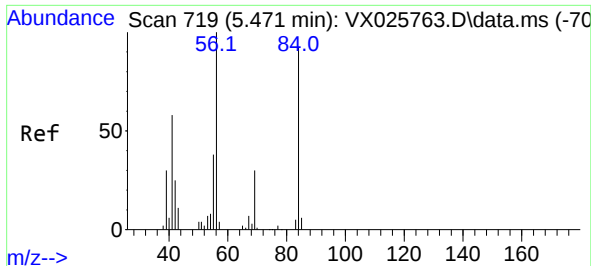
Tgt Ion: 43 Resp: 585
Ion Ratio Lower Upper
43 100
58 38.3 24.8 37.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

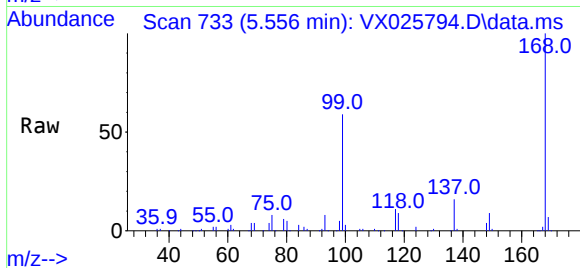
Tgt Ion: 84 Resp: 781
Ion Ratio Lower Upper
84 100
49 151.1 97.1 145.7#
51 63.4 29.3 43.9#
86 75.3 50.8 76.2



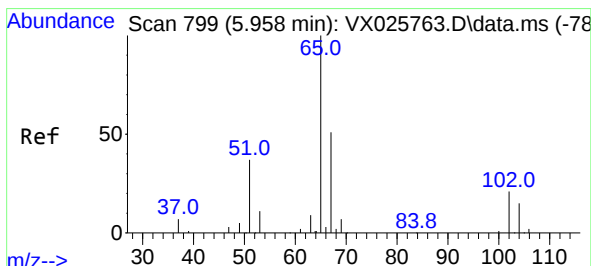
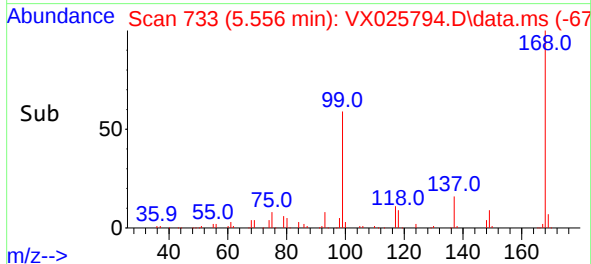
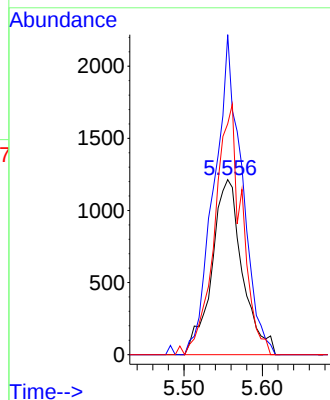


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

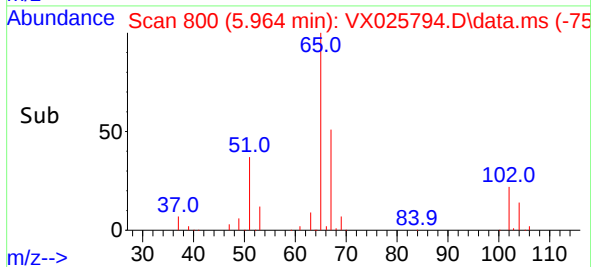
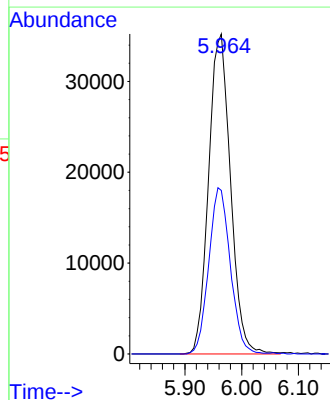
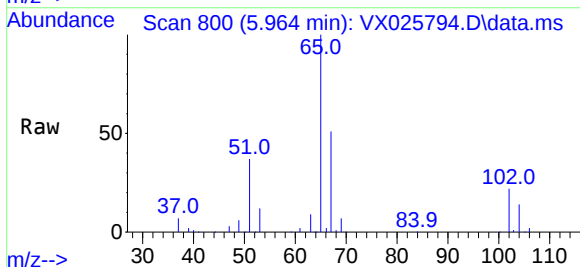


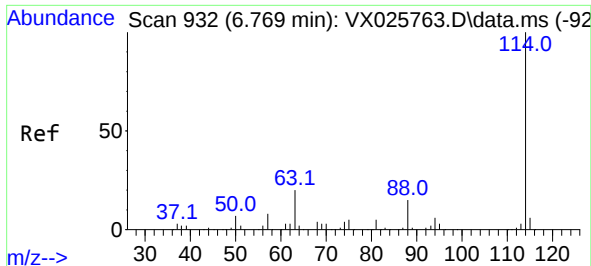
Tgt Ion: 56 Resp: 3294
Ion Ratio Lower Upper
56 100
69 182.8 23.9 35.9#
84 131.9 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 45.575 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Tgt Ion: 65 Resp: 94461
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

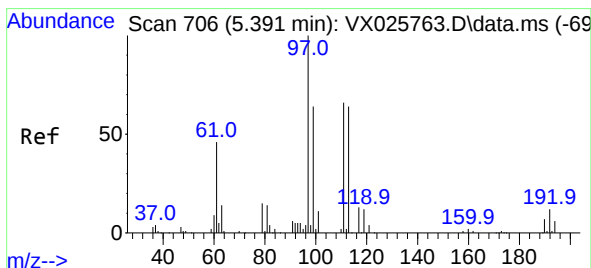
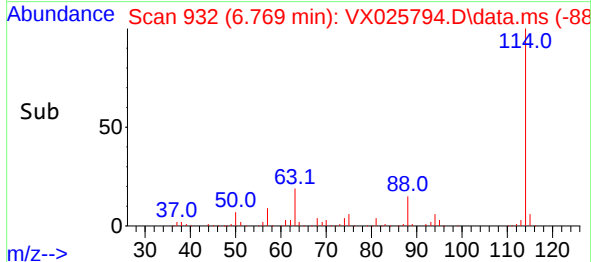
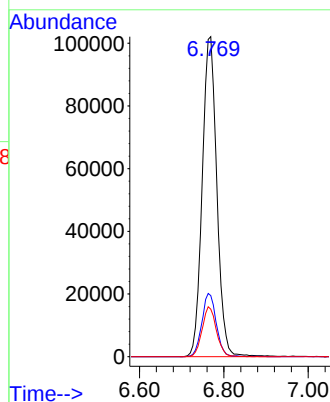
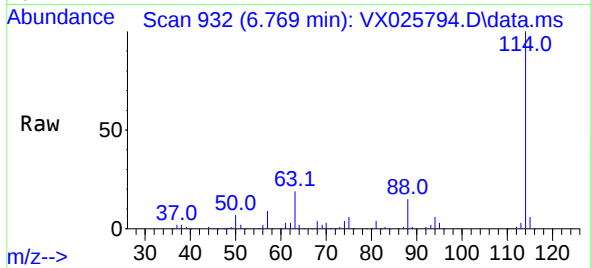




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

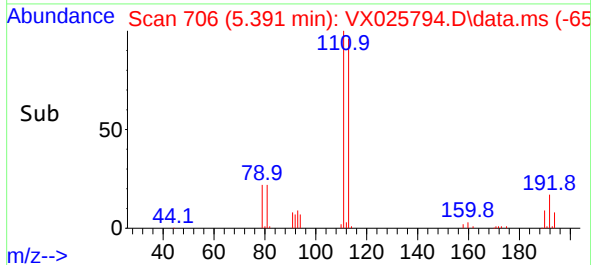
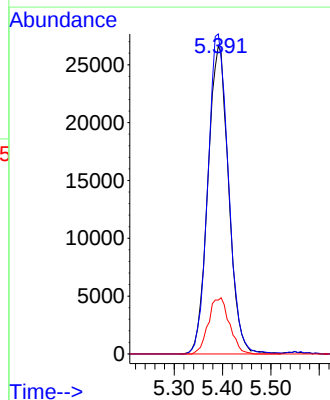
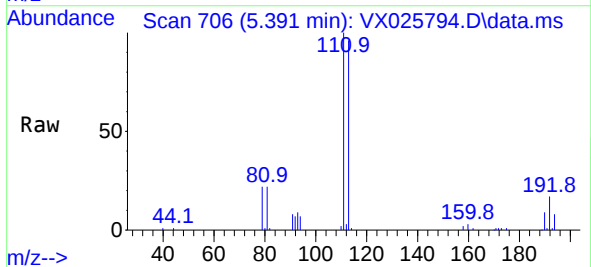
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MSVOA_X
ClientSampleId :
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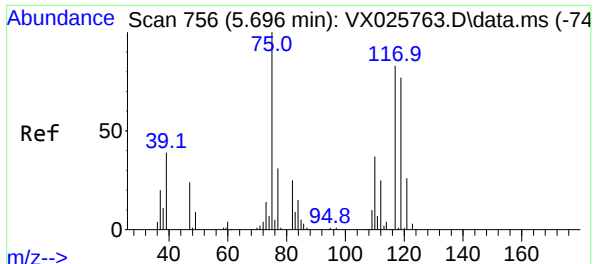
Tgt Ion:114 Resp: 246591
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.167 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Tgt Ion:113 Resp: 79395
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 18.5 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX025794.D

Acq: 14 Dec 2021 22:47

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBL02

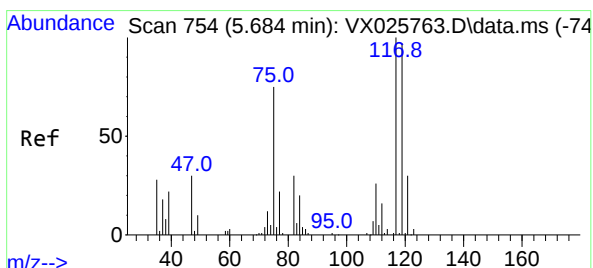
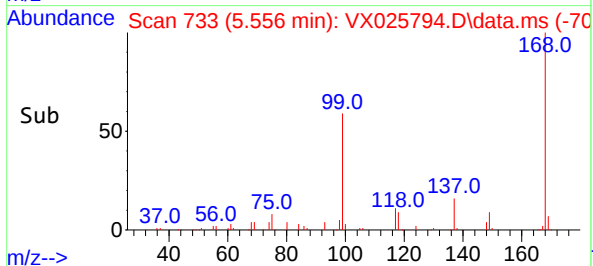
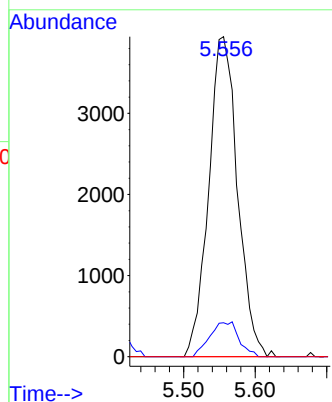
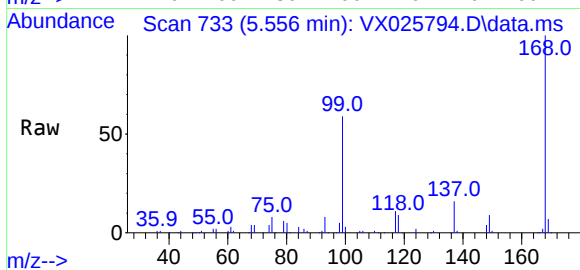
Tgt Ion: 75 Resp: 11067

Ion Ratio Lower Upper

75 100

110 10.9 18.2 54.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.406 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX025794.D

Acq: 14 Dec 2021 22:47

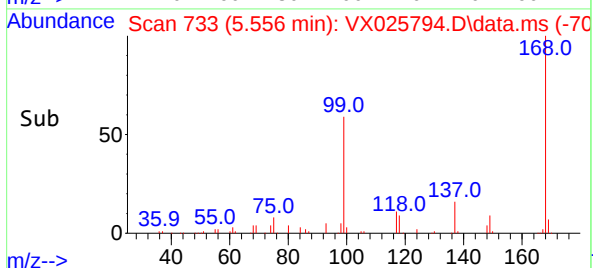
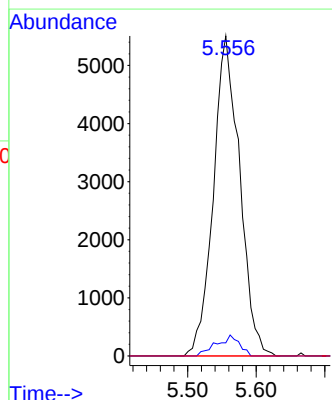
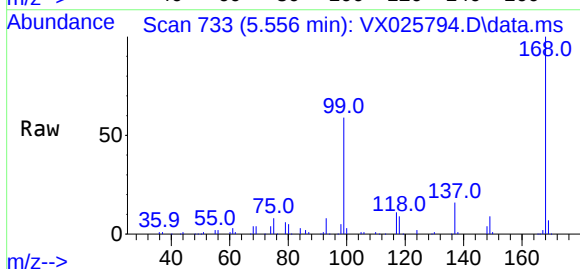
Tgt Ion: 117 Resp: 14669

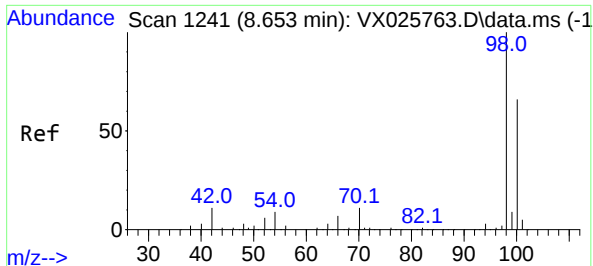
Ion Ratio Lower Upper

117 100

119 4.1 77.2 115.8#

121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 45.419 ug/l

RT: 8.653 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VX025794.D

Acq: 14 Dec 2021 22:47

Instrument :

MSVOA_X

ClientSampleId :

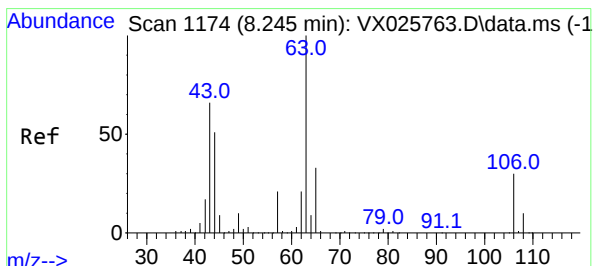
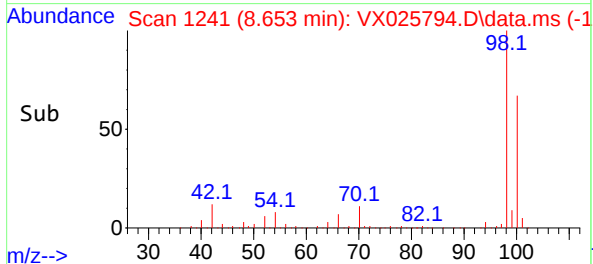
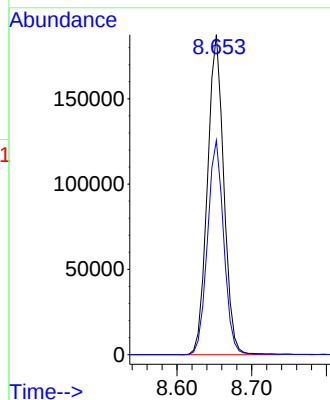
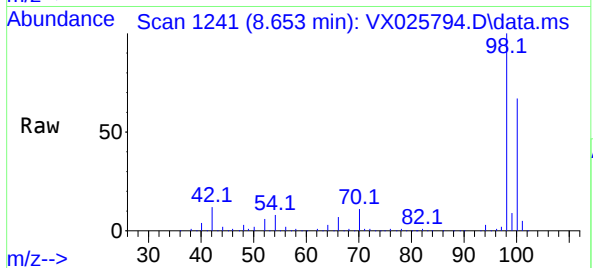
VX1214WBL02

Tgt Ion: 98 Resp: 284596

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#58

2-Chloroethyl Vinyl ether

Concen: 16.541 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.005 min

Lab File: VX025794.D

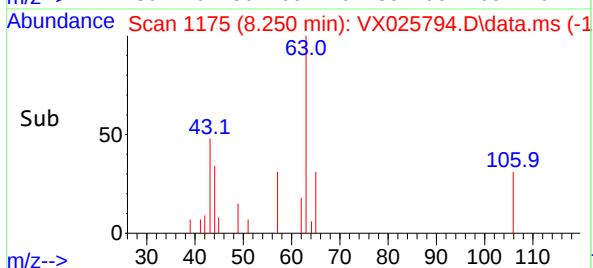
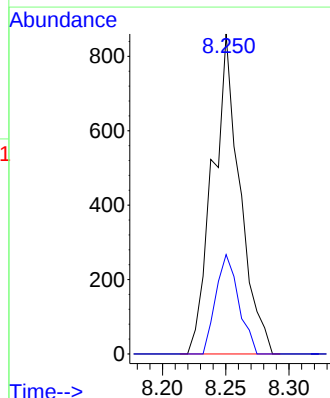
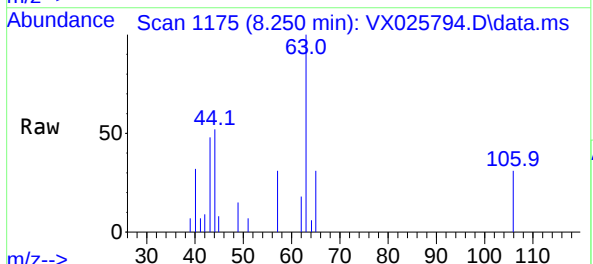
Acq: 14 Dec 2021 22:47

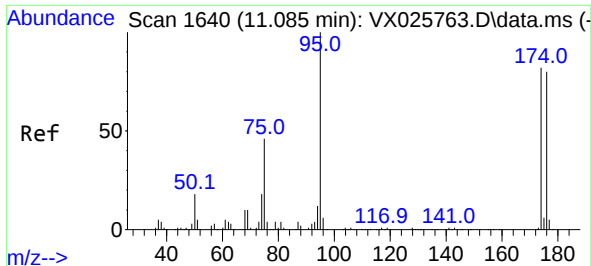
Tgt Ion: 63 Resp: 1287

Ion Ratio Lower Upper

63 100

106 26.0 24.4 36.6

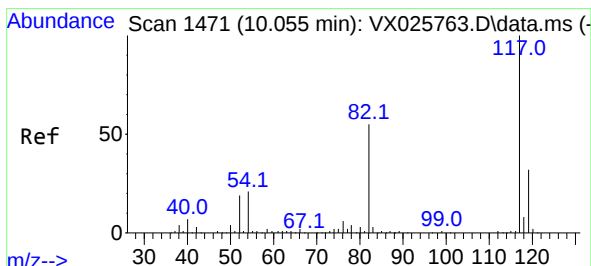
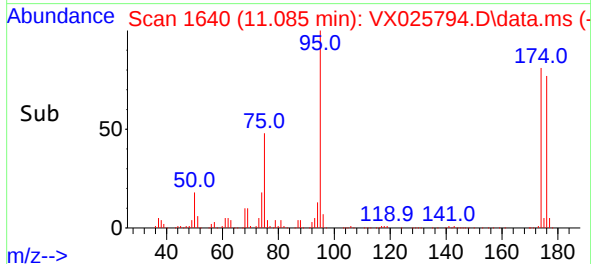
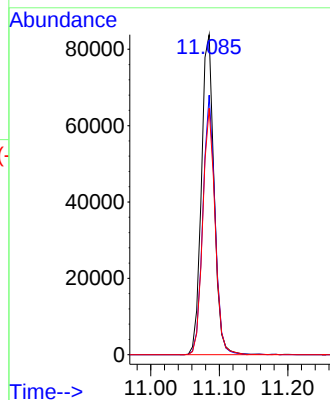
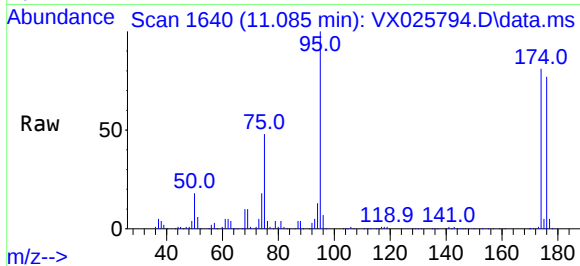




#62
4-Bromofluorobenzene
Concen: 45.299 ug/l
RT: 11.085 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

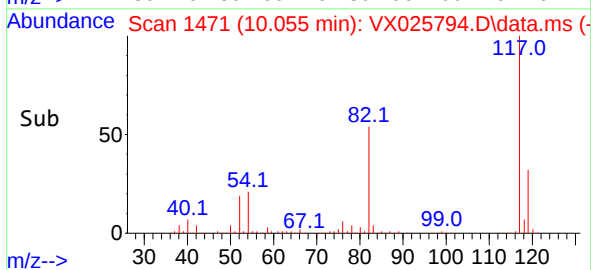
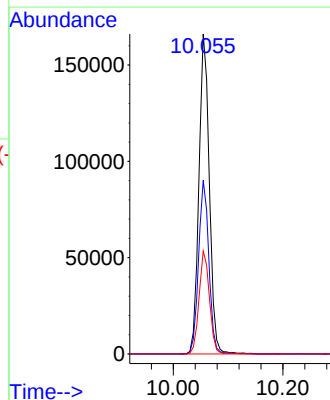
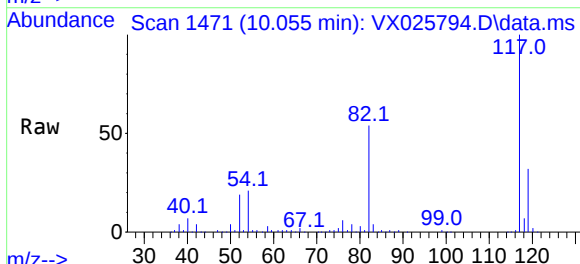
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

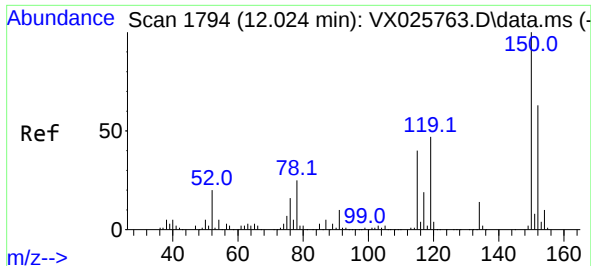
Tgt Ion: 95 Resp: 107820
Ion Ratio Lower Upper
95 100
174 78.0 0.0 157.4
176 75.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Tgt Ion: 117 Resp: 220138
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.6
119 32.2 25.2 37.8

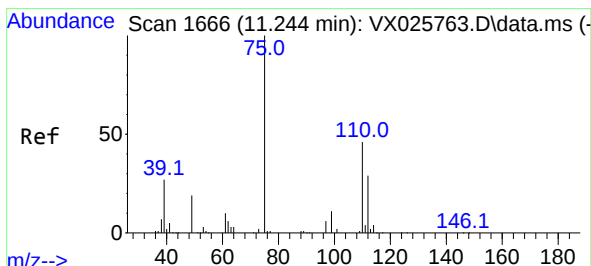
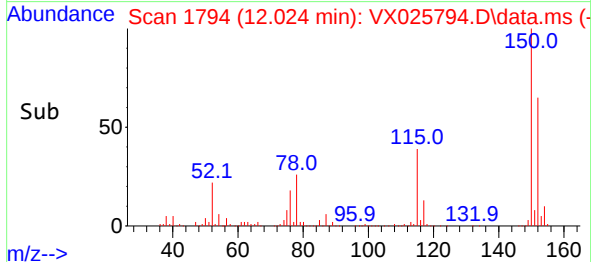
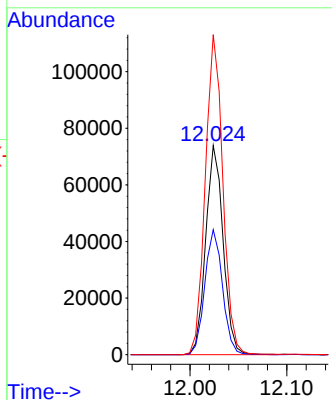
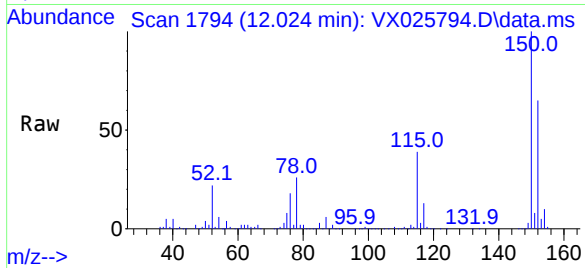




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

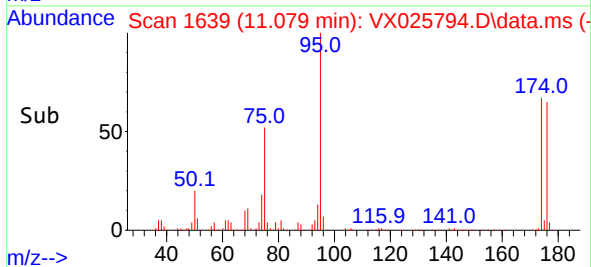
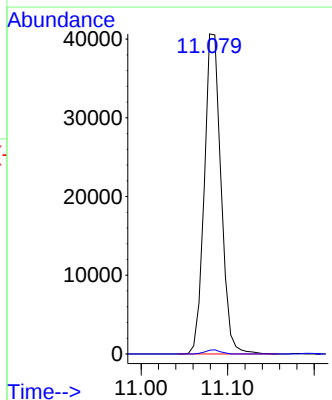
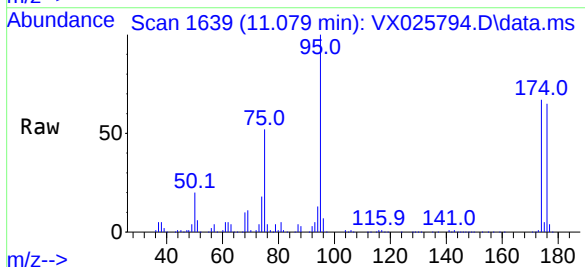
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

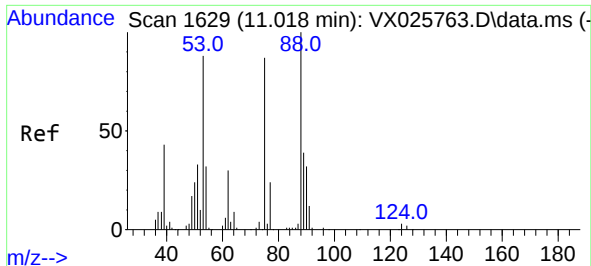
Tgt Ion:152 Resp: 92748
Ion Ratio Lower Upper
152 100
115 60.8 41.3 123.9
150 153.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 25.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Tgt Ion: 75 Resp: 54465
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#

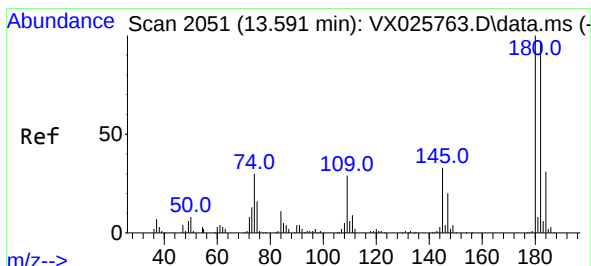
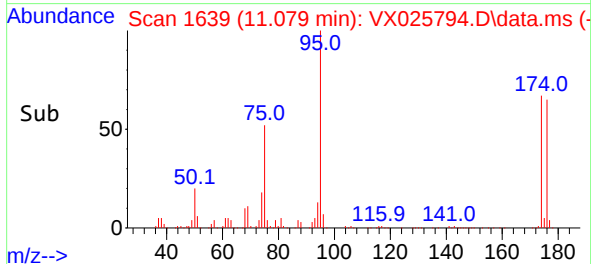
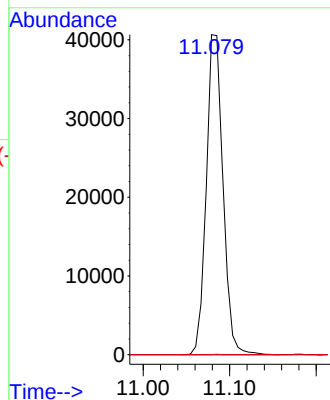
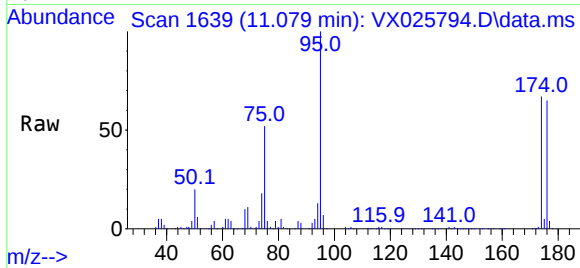




#81
trans-1,4-Dichloro-2-butene
Concen: 79.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

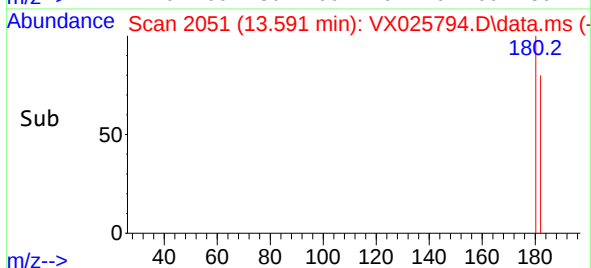
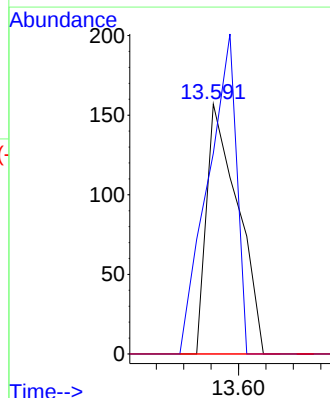
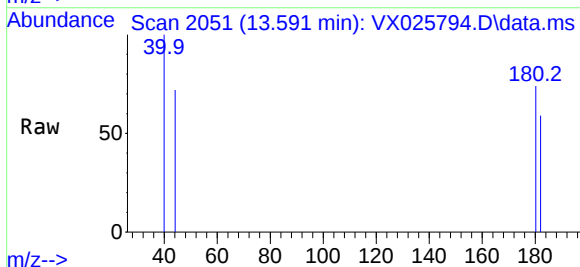
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

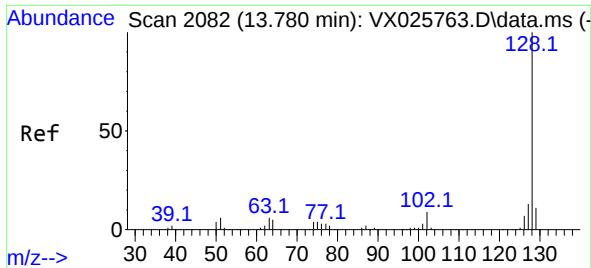
Tgt Ion: 75 Resp: 54465
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 3.433 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Tgt Ion:180 Resp: 125
Ion Ratio Lower Upper
180 100
182 116.8 47.2 141.6
145 0.0 16.3 48.9#

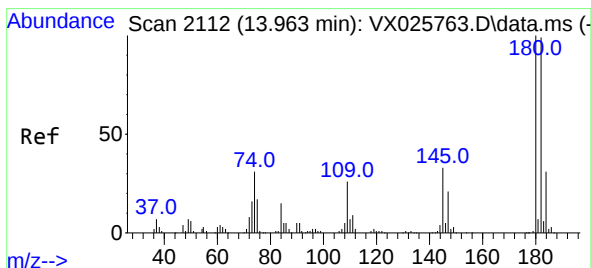
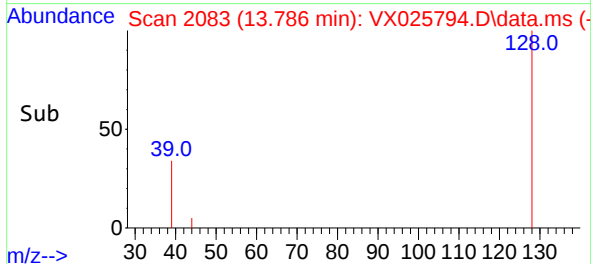
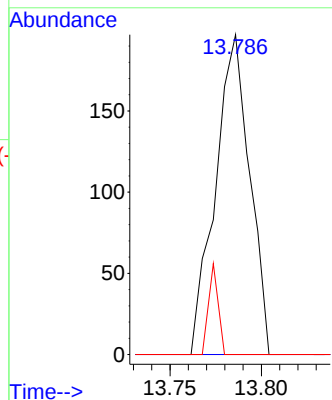
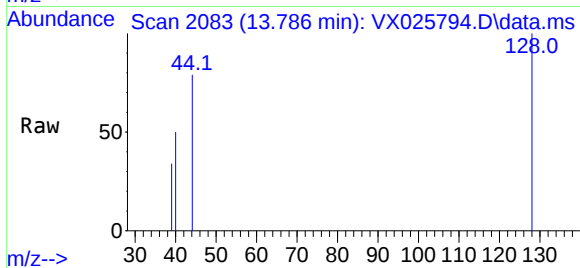




#95
Naphthalene
Concen: 2.450 ug/l
RT: 13.786 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBL02

Tgt Ion:128	Resp:	258	
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	7.8	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.008 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX025794.D
Acq: 14 Dec 2021 22:47

Tgt Ion:180	Resp:	29	
Ion	Ratio	Lower	Upper
180	100		
182	344.8	47.5	142.6#
145	0.0	16.7	50.1#

