

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025812.D
 Acq On : 15 Dec 2021 14:02
 Operator : JC/MD
 Sample : VX1216WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 07:29:04 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)

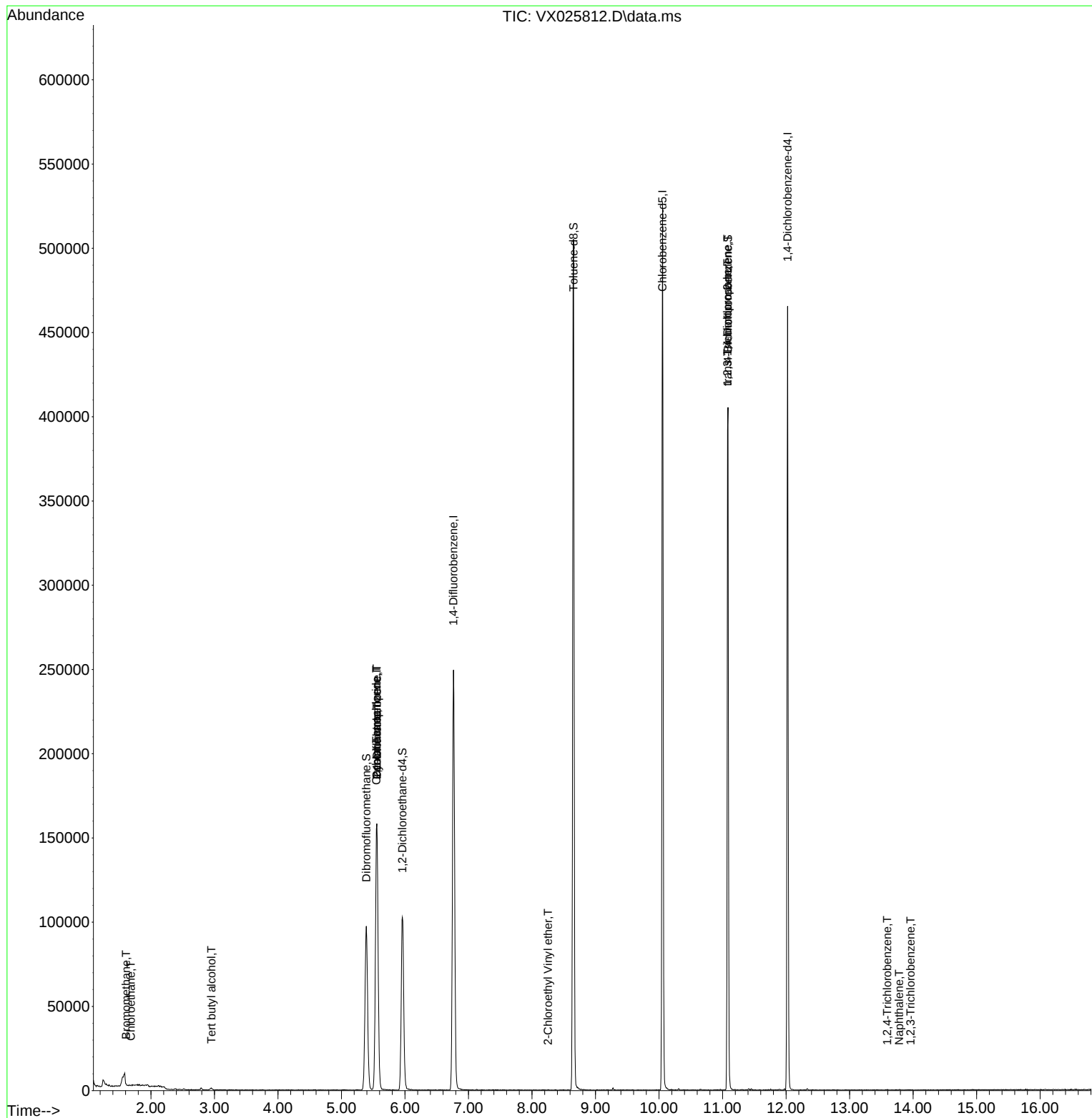
Internal Standards						
1) Pentafluorobenzene	5.556	168	150517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98682	45.566	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.140%
35) Dibromofluoromethane	5.391	113	82593	45.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.720%
50) Toluene-d8	8.653	98	301764	45.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.980%#
62) 4-Bromofluorobenzene	11.085	95	111967	44.922	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	435	0.327	ug/l	100
6) Chloroethane	1.685	64	435	0.322	ug/l #	76
11) Tert butyl alcohol	2.953	59	736	1.694	ug/l #	73
16) Acetone	2.386	43	695	Below Cal		91
20) Methylene Chloride	2.794	84	607	Below Cal	#	89
31) Cyclohexane	5.556	56	3402	1.292	ug/l #	20
36) 1,1-Dichloropropene	5.556	75	12137	4.970	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15819	5.567	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.250	63	172	15.752	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	56428	27.074	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56428	83.937	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.591	180	75	3.409	ug/l #	69
95) Naphthalene	13.780	128	258	2.451	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.963	180	93	3.042	ug/l #	12

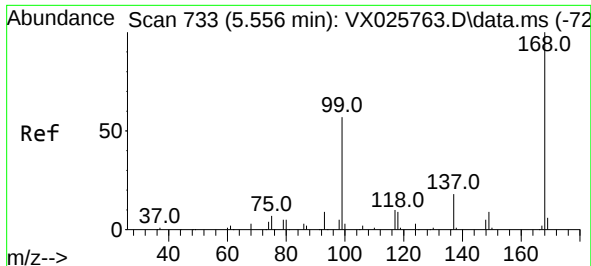
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 16 07:29:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
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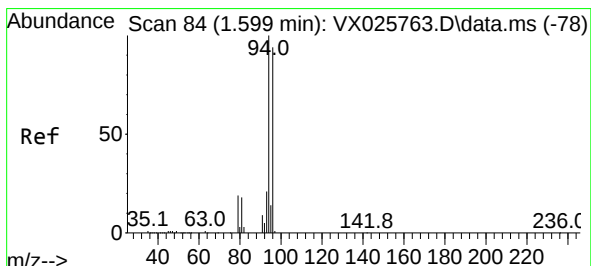
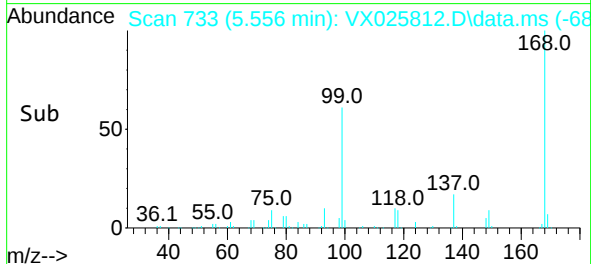
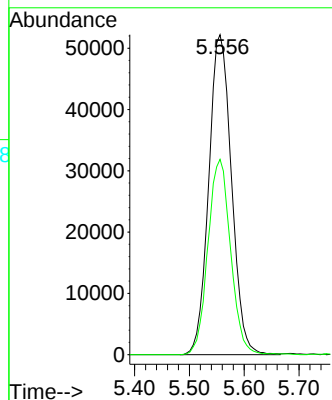
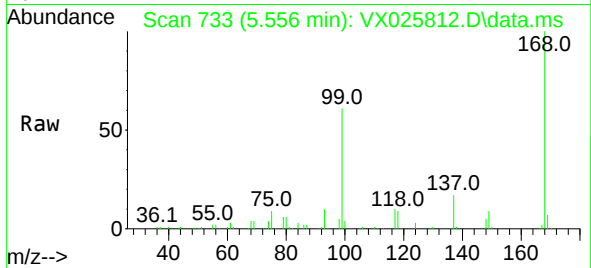




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

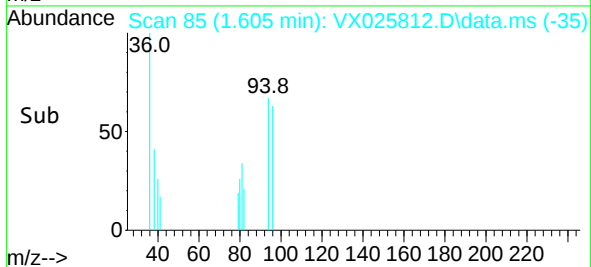
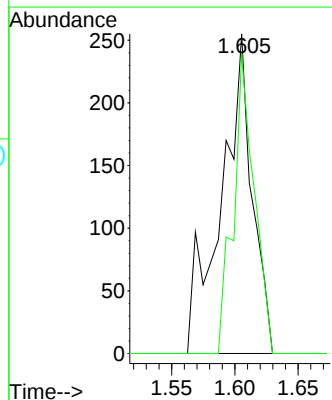
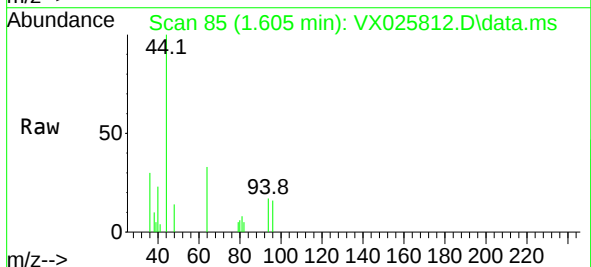
Instrument :
MSVOA_X
ClientSampleId :

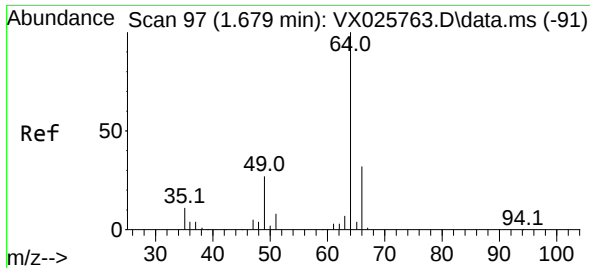
Tgt Ion:168 Resp: 150517
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.8



#5
Bromomethane
Concen: 0.327 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 93.7 75.0 112.4

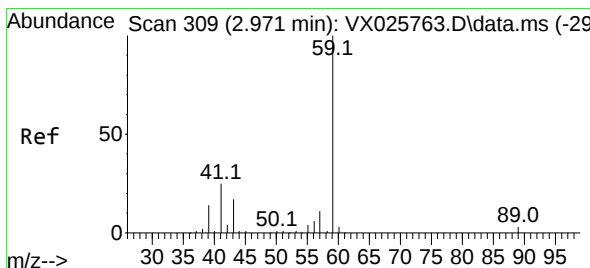
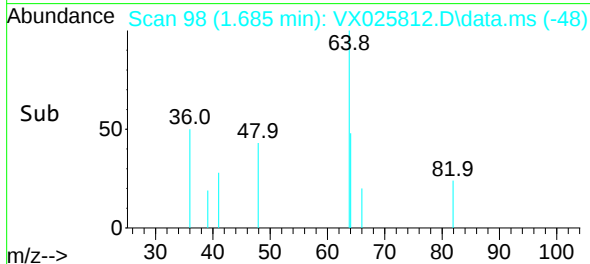
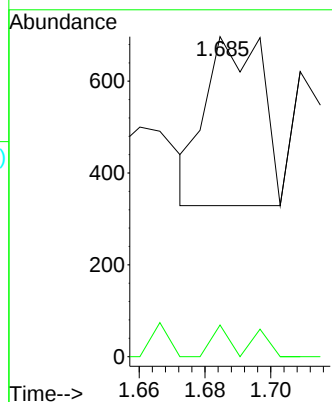
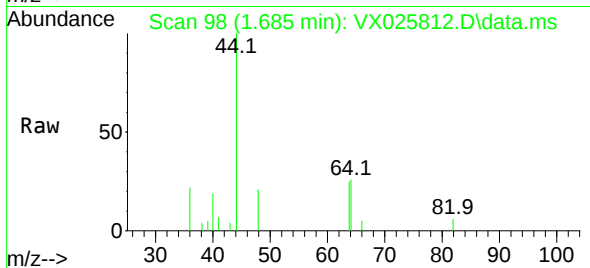




#6
Chloroethane
Concen: 0.322 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

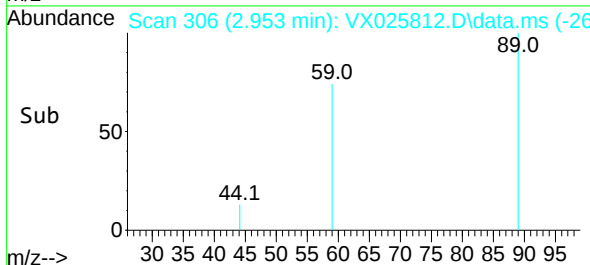
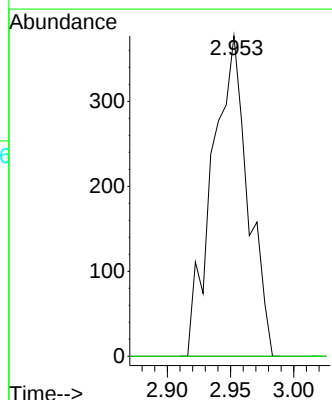
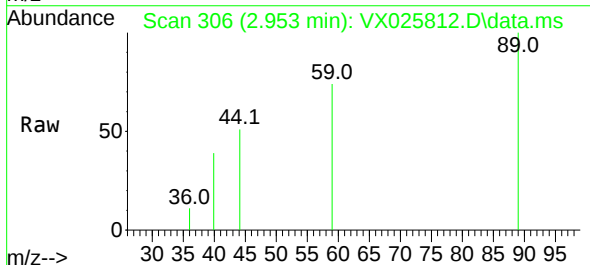
Instrument :
MSVOA_X
ClientSampleId :

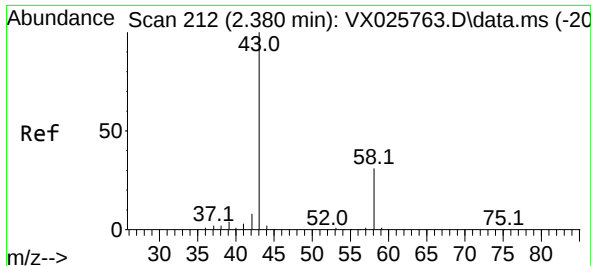
Tgt Ion: 64 Resp: 435
Ion Ratio Lower Upper
64 100
66 18.8 25.9 38.9#



#11
Tert butyl alcohol
Concen: 1.694 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

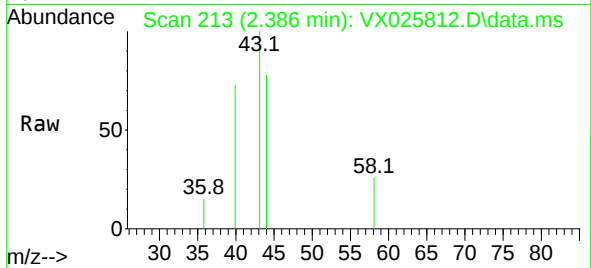
Tgt Ion: 59 Resp: 736
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



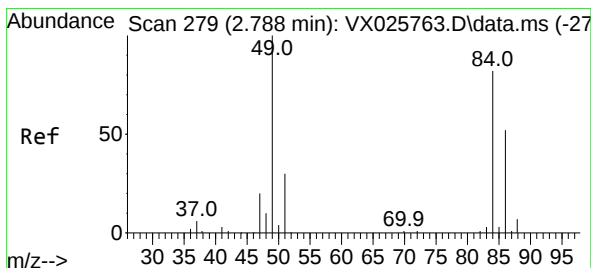
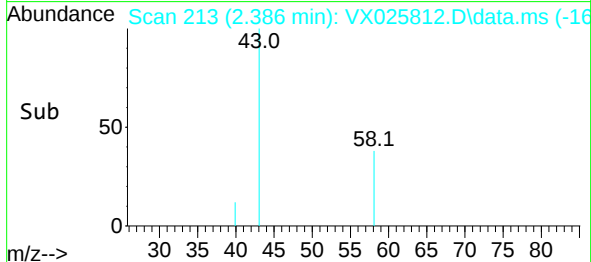
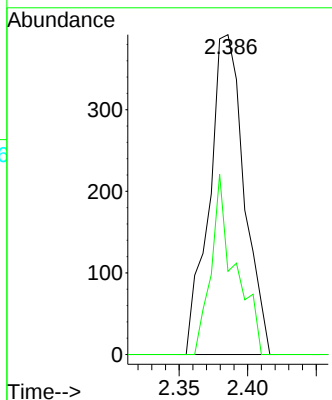


#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :

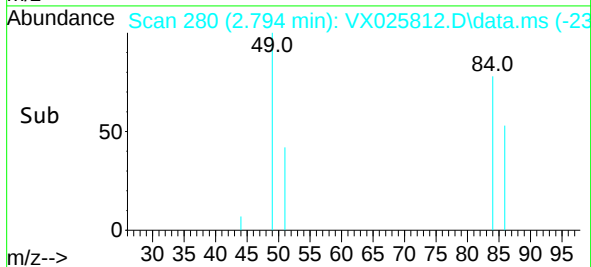
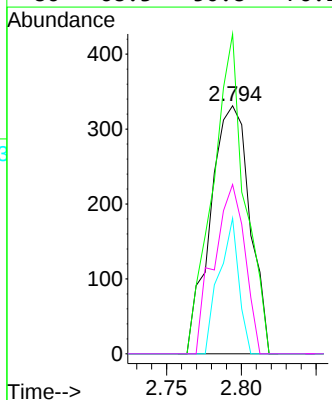
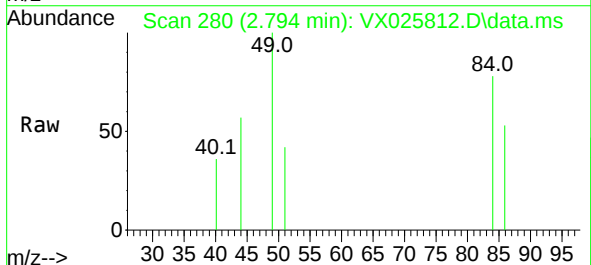


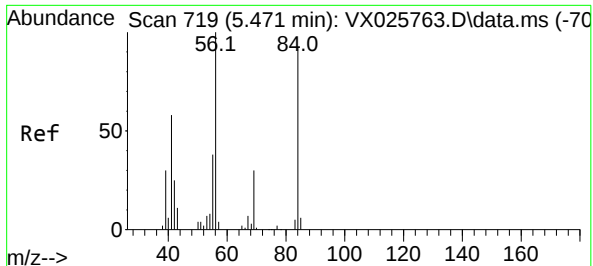
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 26.0 24.8 37.2



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

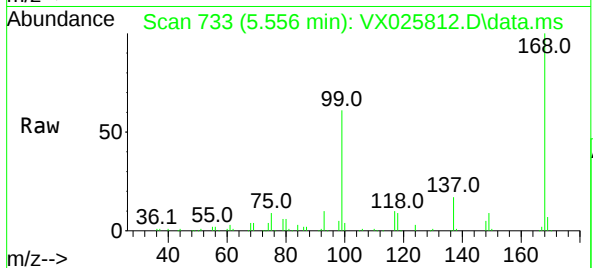
Tgt Ion: 84 Resp: 607
Ion Ratio Lower Upper
84 100
49 129.0 97.1 145.7
51 54.7 29.3 43.9#
86 68.3 50.8 76.2



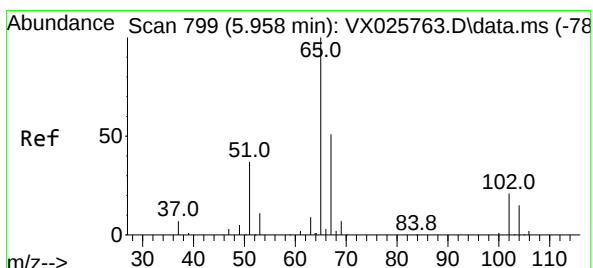
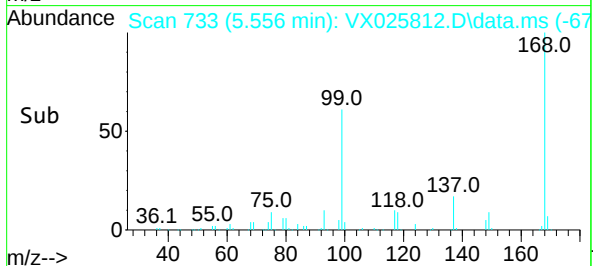
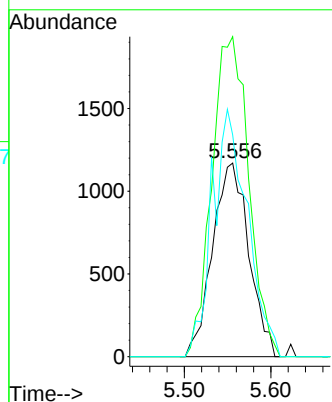


#31
Cyclohexane
Concen: 1.292 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :

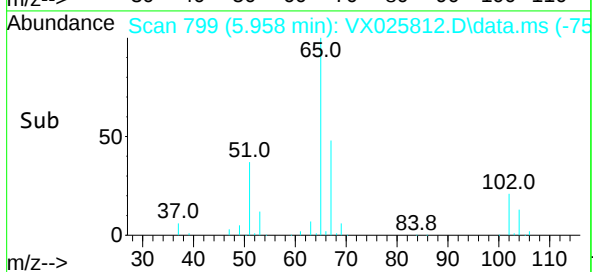
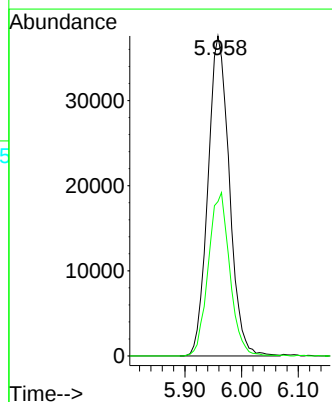
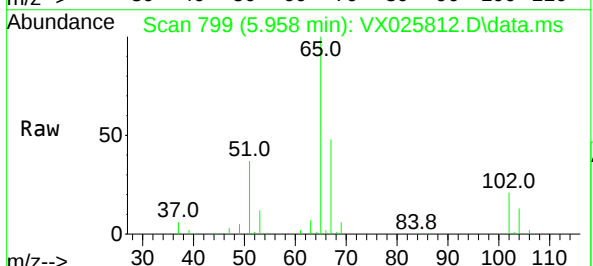


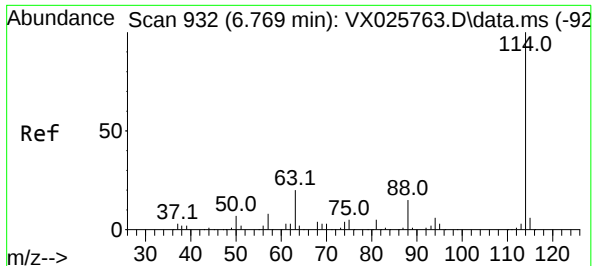
Tgt Ion: 56 Resp: 3402
Ion Ratio Lower Upper
56 100
69 165.3 23.9 35.9#
84 114.5 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 45.566 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

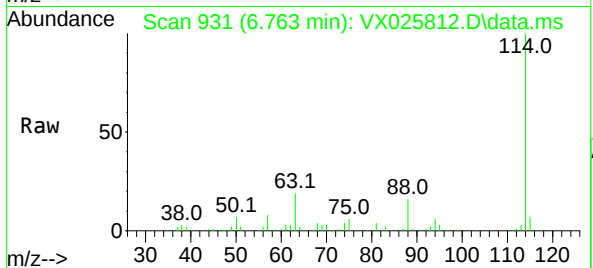
Tgt Ion: 65 Resp: 98682
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



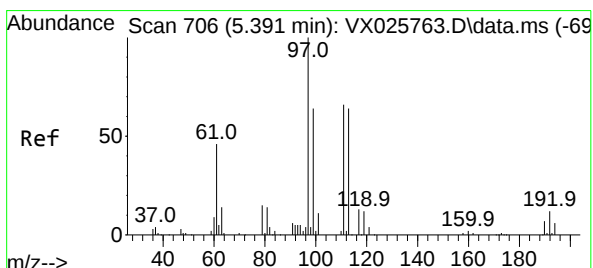
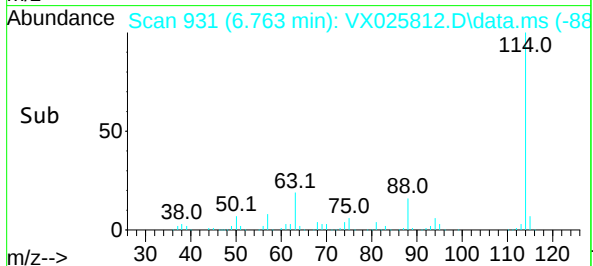
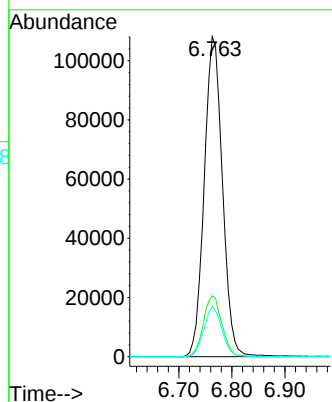


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :

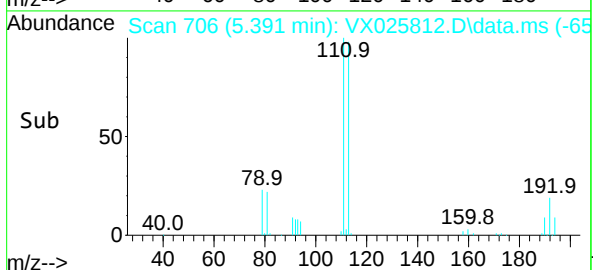
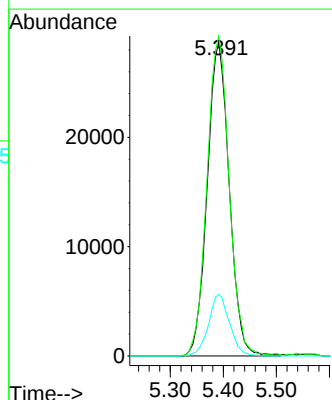
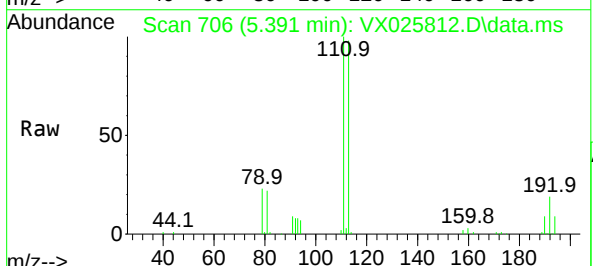


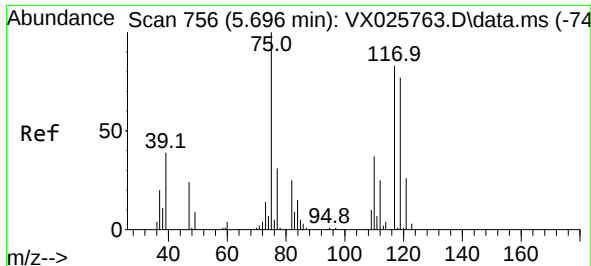
Tgt Ion:114 Resp: 258222
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.0
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.863 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

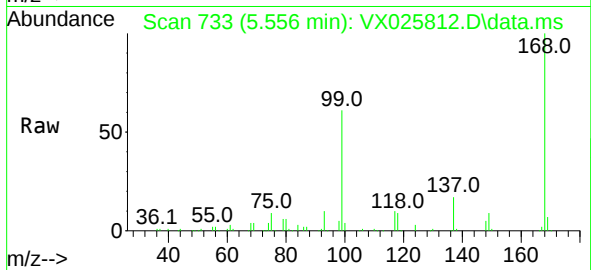
Tgt Ion:113 Resp: 82593
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.8 15.0 22.4



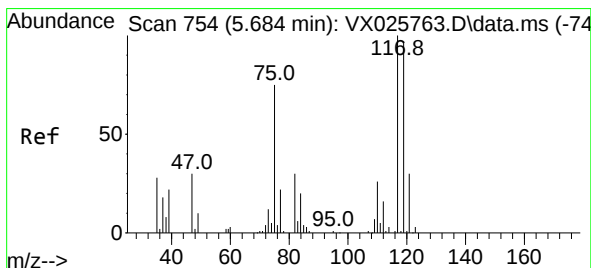
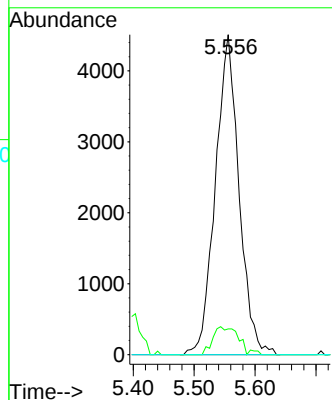
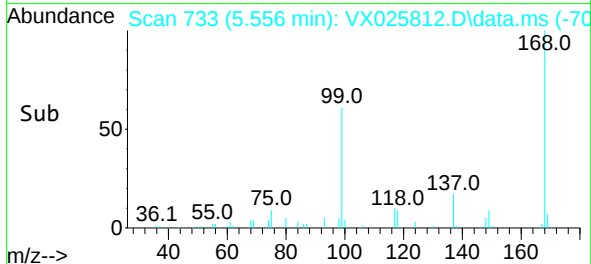


#36
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 5.556 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

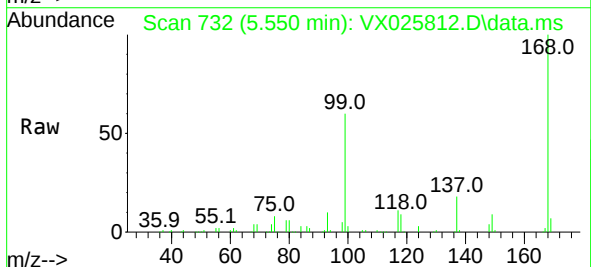
Instrument :
MSVOA_X
ClientSampleId :



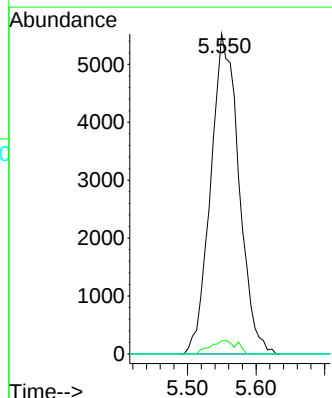
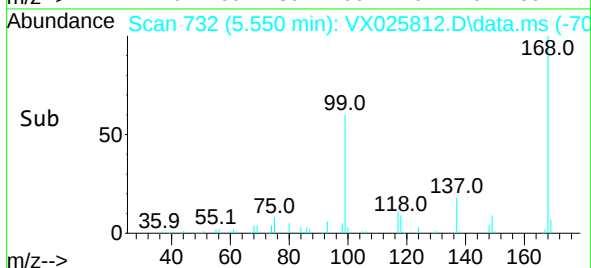
Tgt Ion: 75 Resp: 12137
Ion Ratio Lower Upper
75 100
110 9.5 18.2 54.6#
77 0.0 24.7 37.1#

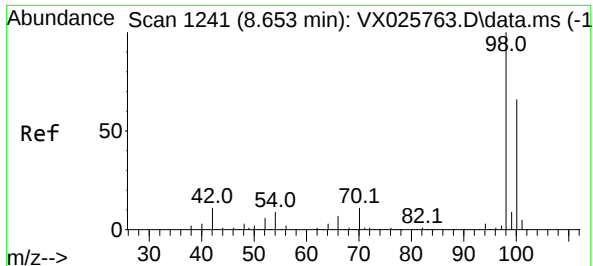


#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02



Tgt Ion: 117 Resp: 15819
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 23.8 35.8#

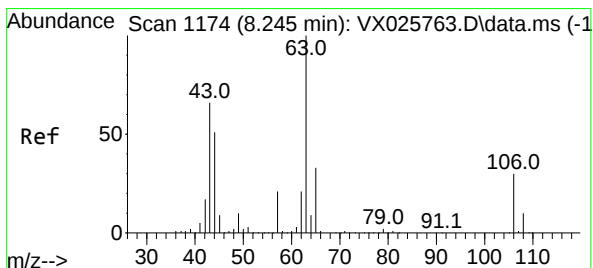
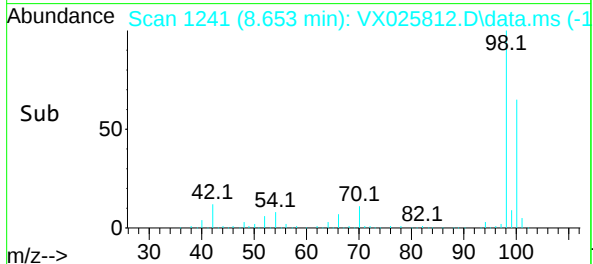
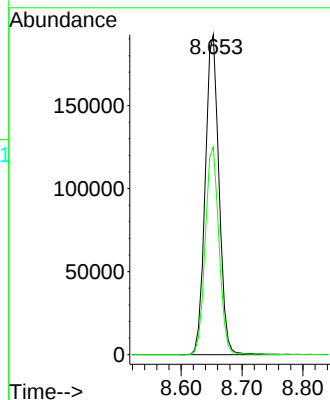
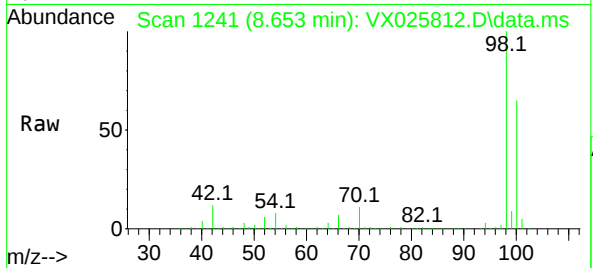




#50
Toluene-d8
Concen: 45.990 ug/l
RT: 8.653 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

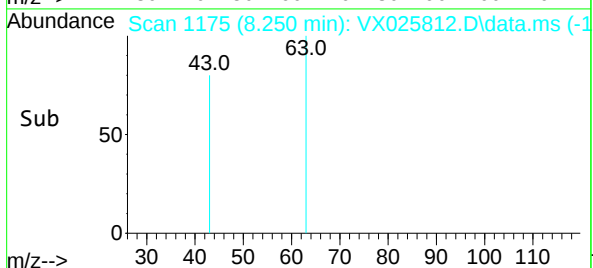
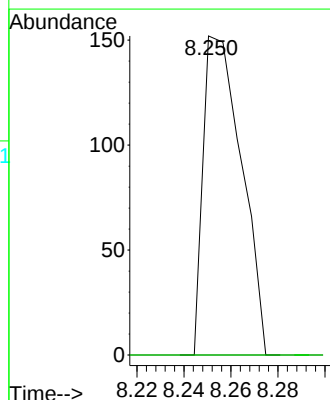
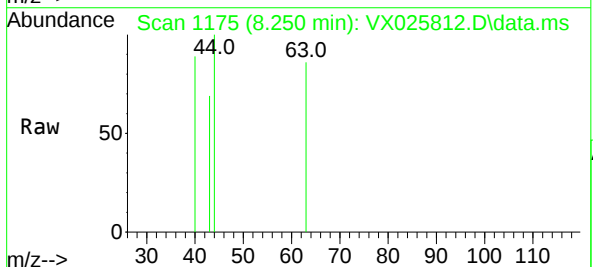
Instrument :
MSVOA_X
ClientSampleId :

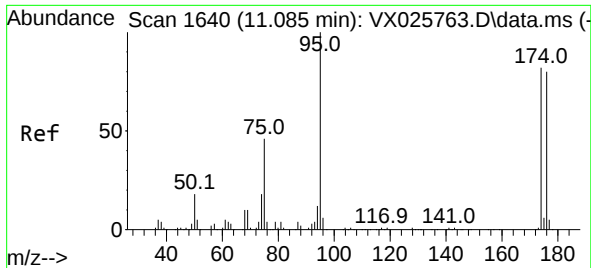
Tgt Ion: 98 Resp: 301764
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: 15.752 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.005 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Tgt Ion: 63 Resp: 172
Ion Ratio Lower Upper
63 100
106 0.0 24.4 36.6#

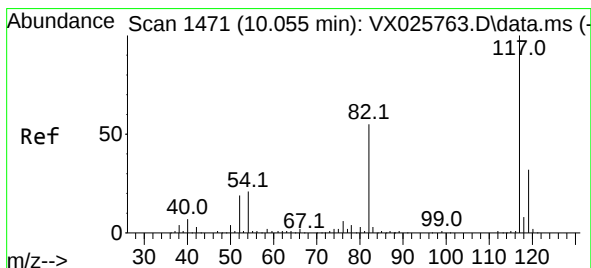
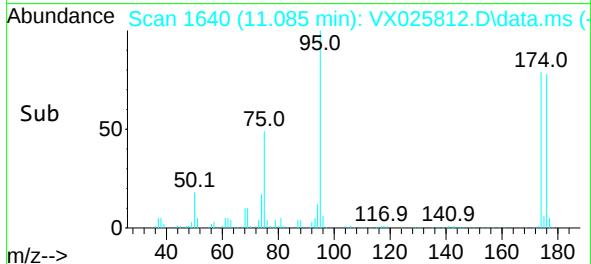
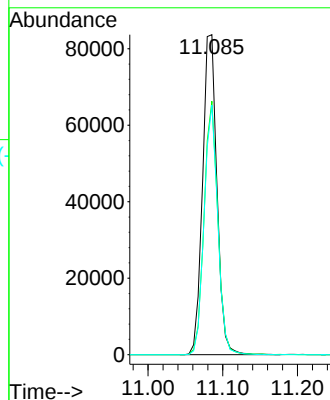
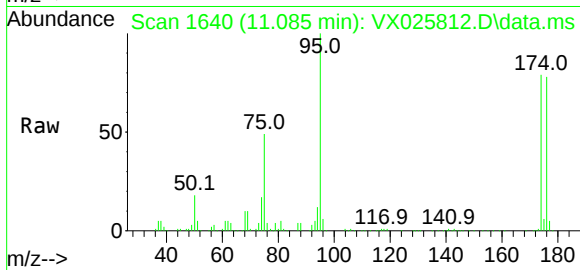




#62
4-Bromofluorobenzene
Concen: 44.922 ug/l
RT: 11.085 min Scan# 111967
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

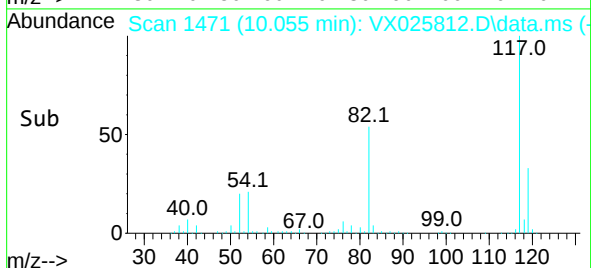
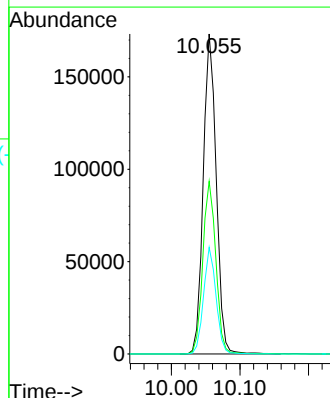
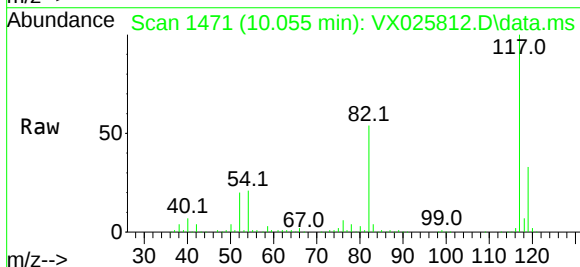
Instrument :
MSVOA_X
ClientSampleId :

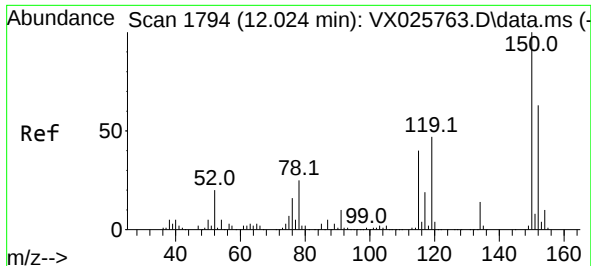
Tgt Ion: 95 Resp: 111967
Ion Ratio Lower Upper
95 100
174 75.4 0.0 157.4
176 73.9 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

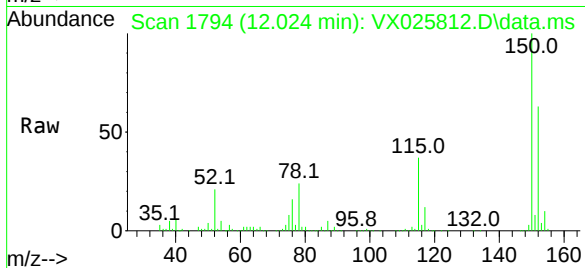
Tgt Ion: 117 Resp: 229115
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.6
119 33.3 25.2 37.8



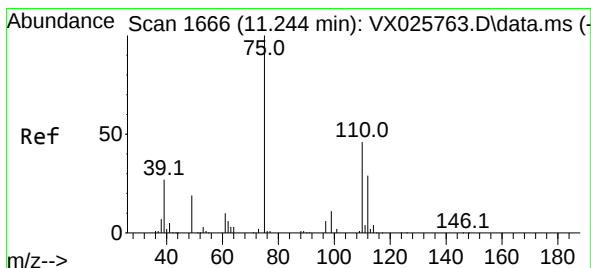
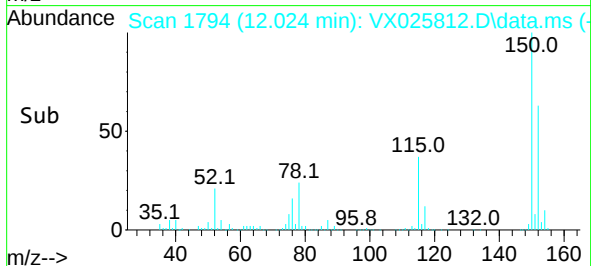
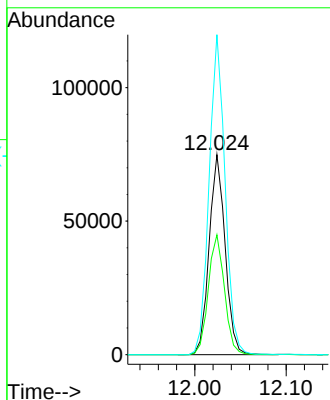


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025812.D
 Acq: 15 Dec 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :

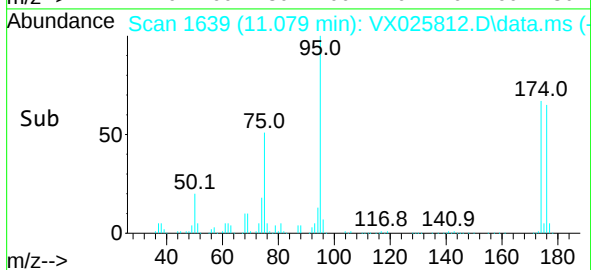
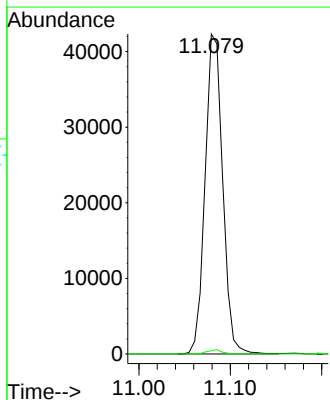
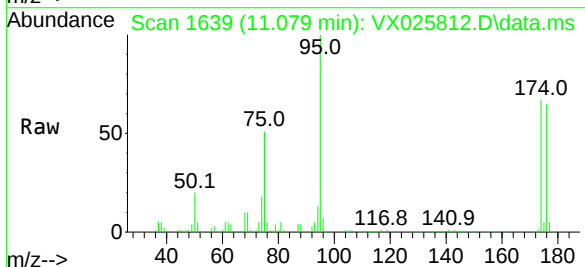


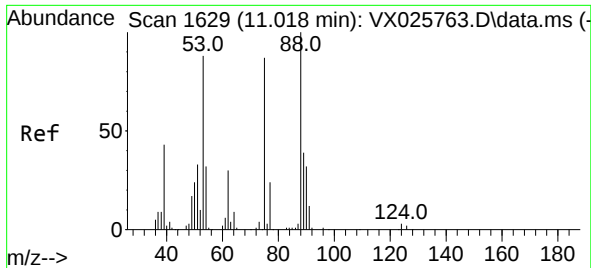
Tgt Ion:152 Resp: 90967
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.3 123.9
 150 159.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.074 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX025812.D
 Acq: 15 Dec 2021 14:02

Tgt Ion: 75 Resp: 56428
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#

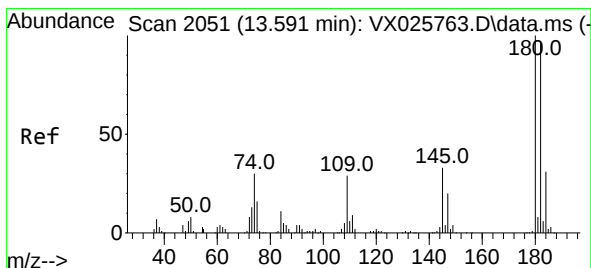
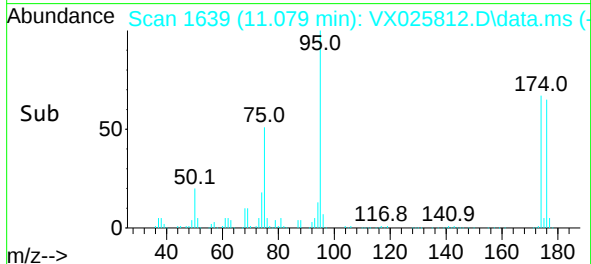
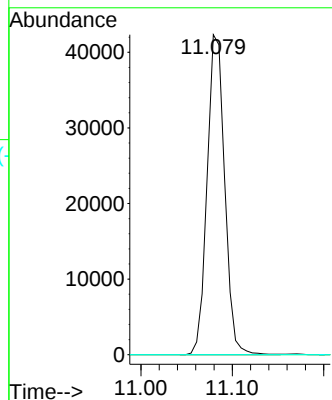
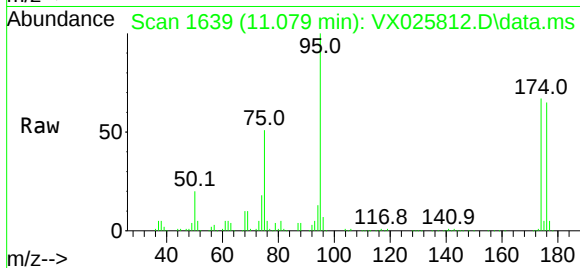




#81
trans-1,4-Dichloro-2-butene
Concen: 83.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

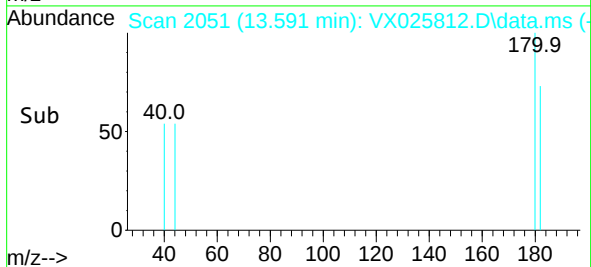
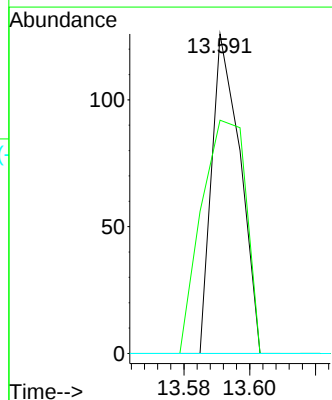
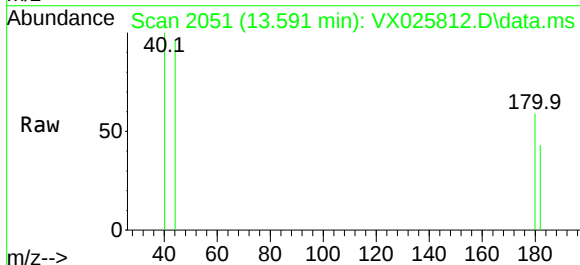
Instrument :
MSVOA_X
ClientSampleId :

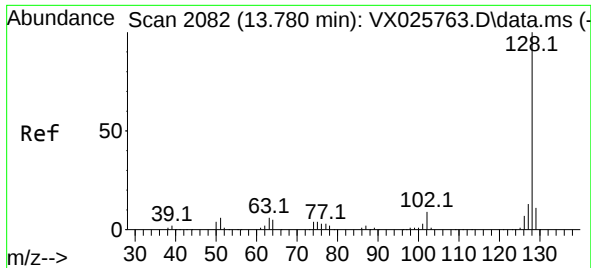
Tgt Ion: 75 Resp: 56428
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 3.409 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

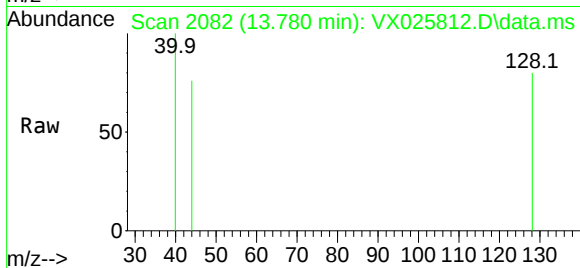
Tgt Ion:180 Resp: 75
Ion Ratio Lower Upper
180 100
182 116.0 47.2 141.6
145 0.0 16.3 48.9#



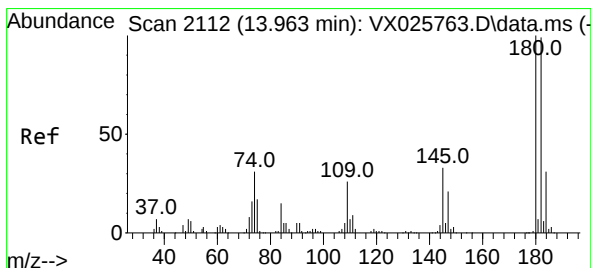
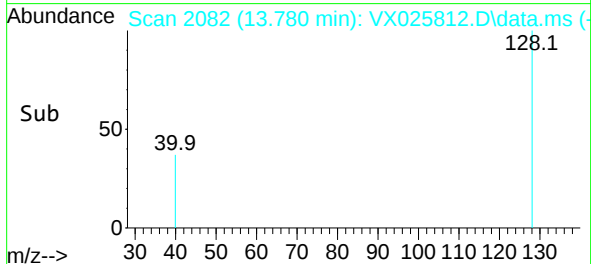
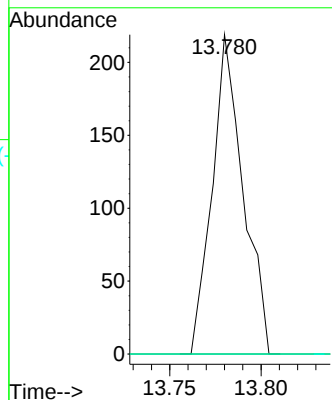


#95
Naphthalene
Concen: 2.451 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :



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



#96
1,2,3-Trichlorobenzene
Concen: 3.042 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025812.D
Acq: 15 Dec 2021 14:02

Tgt Ion:180 Resp: 93
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.6#
145 0.0 16.7 50.1#

