

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034912.D
 Acq On : 01 Apr 2023 08:52
 Operator : JC/MD
 Sample : 02159-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-5

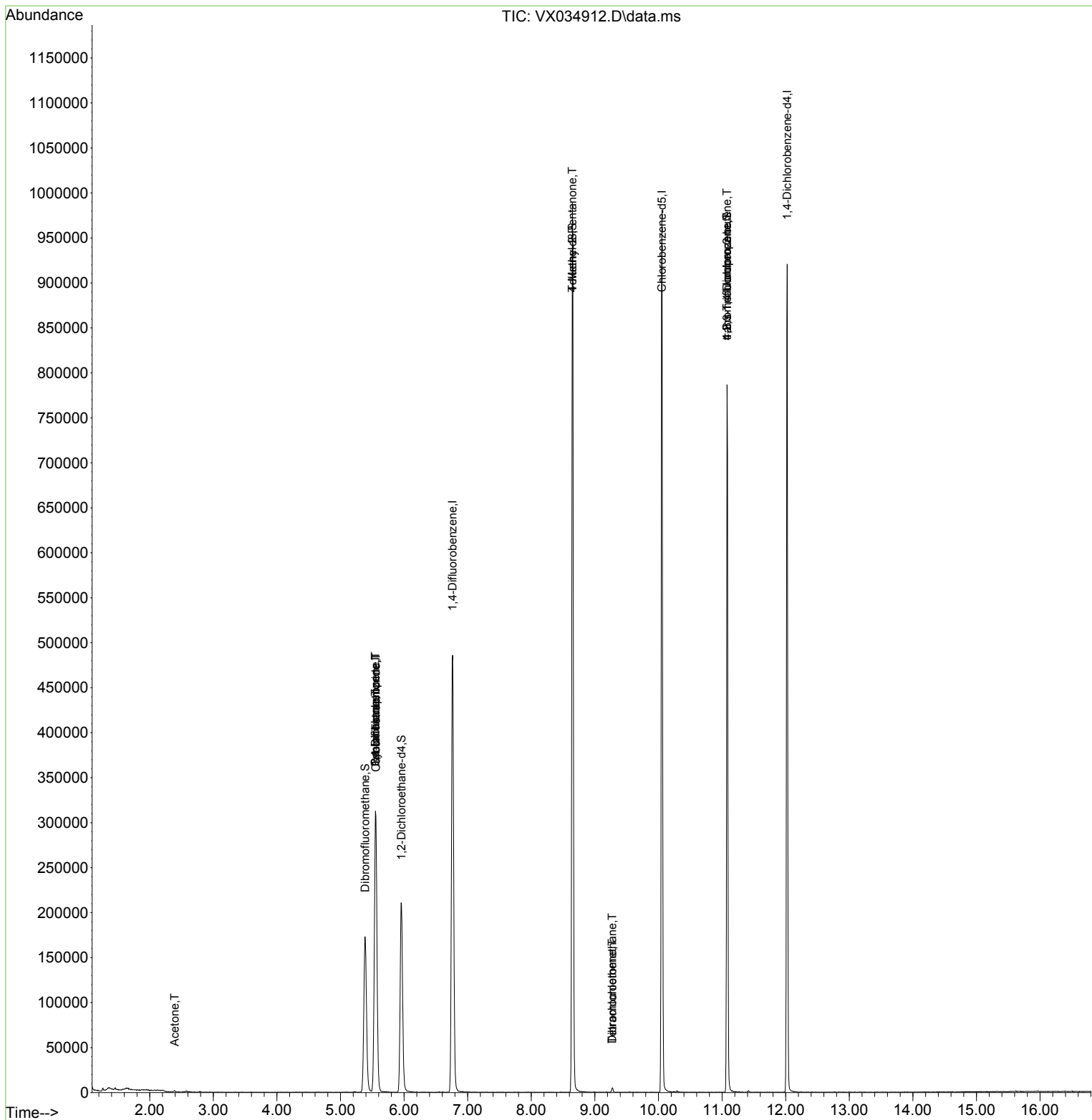
Quant Time: Apr 03 02:12:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	277731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212530	50.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.080%
35) Dibromofluoromethane	5.385	113	151267	47.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	8.647	98	573478	49.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.079	95	213699	47.291	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
16) Acetone	2.392	43	1681	0.974	ug/l	Qvalue 100
31) Cyclohexane	5.550	56	7147	1.382	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	25657	5.474	ug/l #	50
38) Carbon Tetrachloride	5.556	117	30665	6.939	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2970	0.612	ug/l #	1
60) Dibromochloromethane	9.275	129	975	0.308	ug/l #	10
64) Tetrachloroethene	9.275	164	1004	0.332	ug/l #	78
76) 1,2,3-Trichloropropane	11.079	75	115883	31.500	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	115883	94.402	ug/l #	8

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

Quant Time: Apr 03 02:12:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration

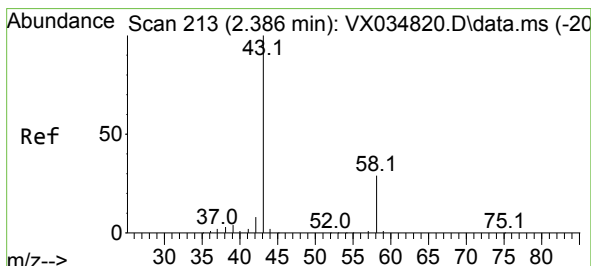
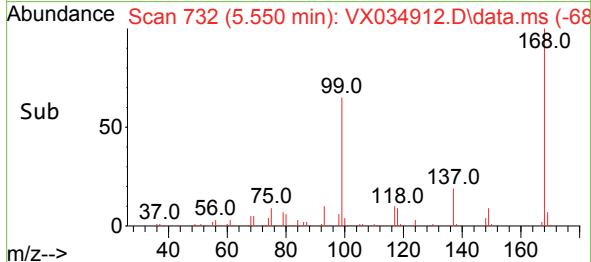
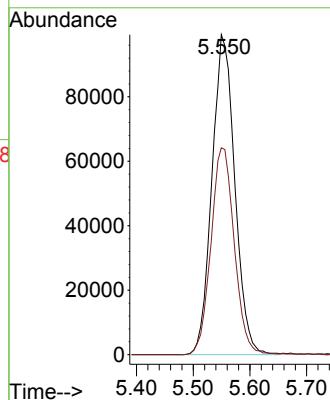
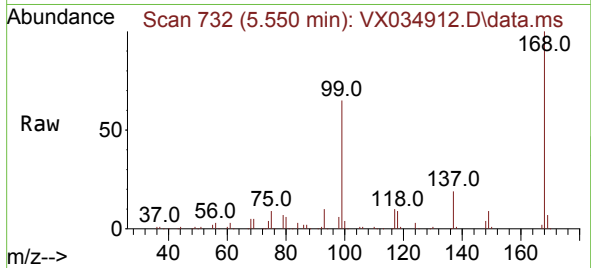




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

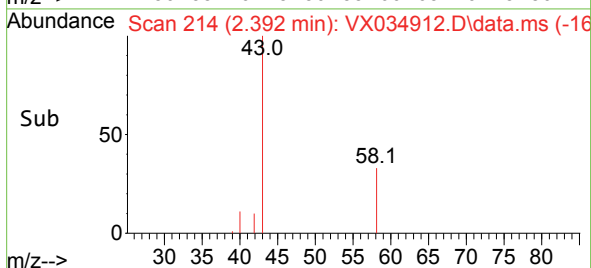
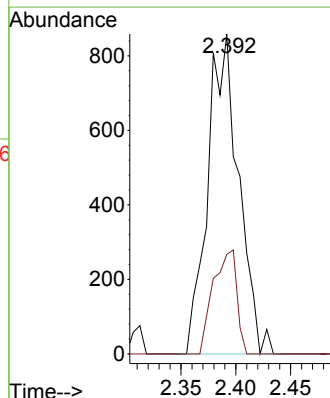
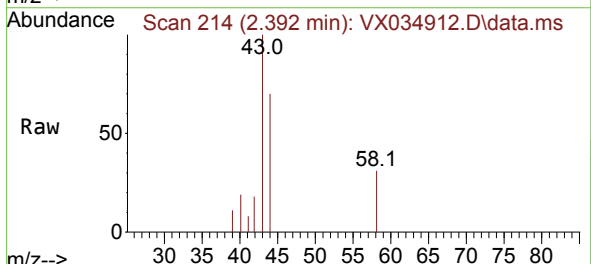
Instrument :
MSVOA_X
ClientSampleId :
MP-5

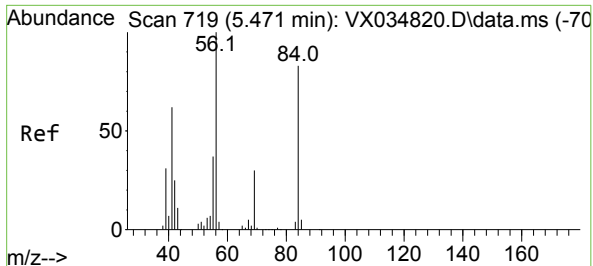
Tgt Ion:168 Resp: 277731
Ion Ratio Lower Upper
168 100
99 64.6 45.7 68.5



#16
Acetone
Concen: 0.974 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

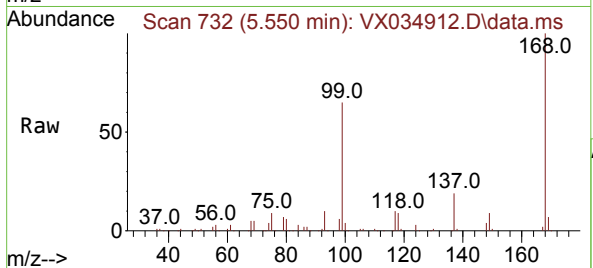
Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
58 31.1 24.7 37.1



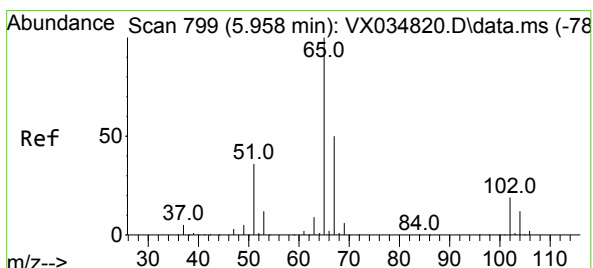
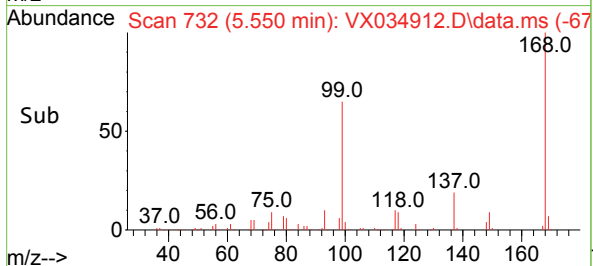
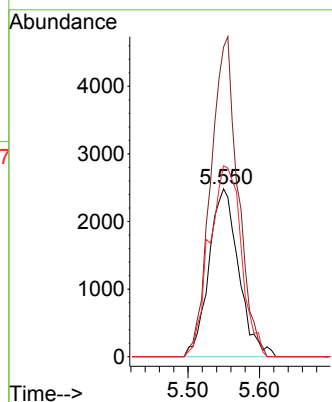


#31
Cyclohexane
Concen: 1.382 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

Instrument :
MSVOA_X
ClientSampleId :
MP-5

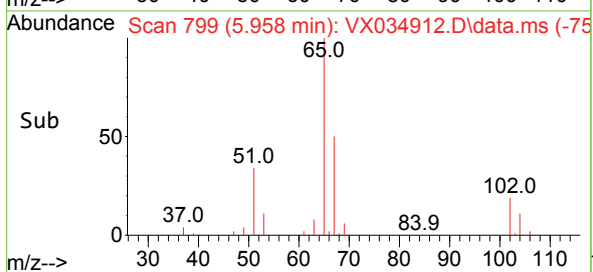
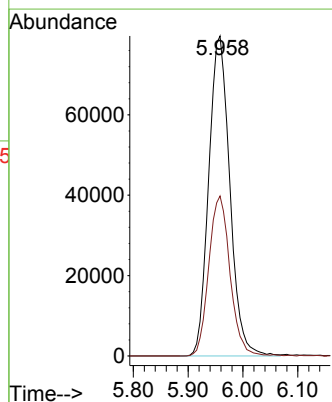
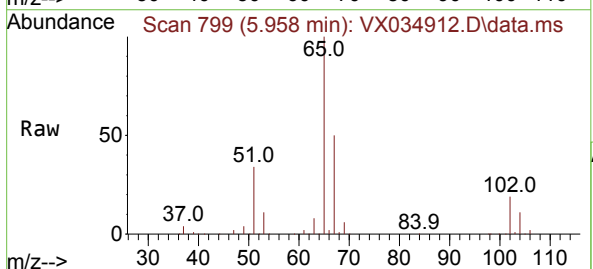


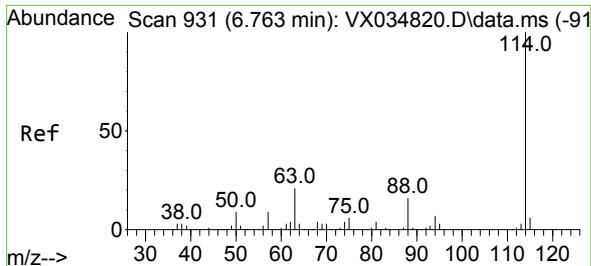
Tgt Ion: 56 Resp: 7147
Ion Ratio Lower Upper
56 100
69 184.5 23.7 35.5#
84 113.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.037 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034912.D
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Tgt Ion: 65 Resp: 212530
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.0

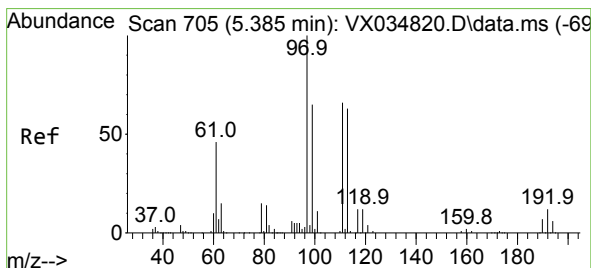
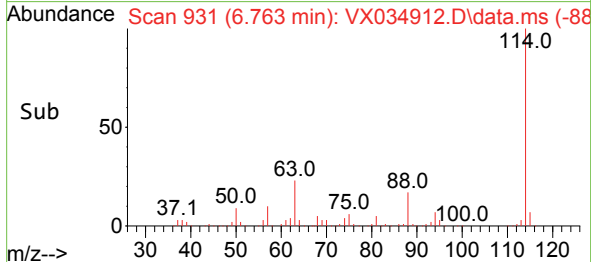
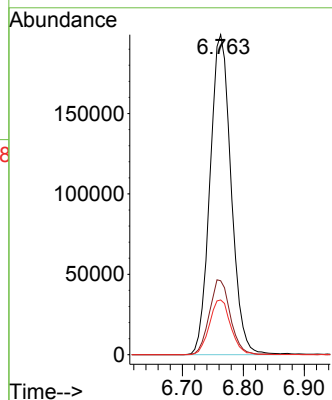
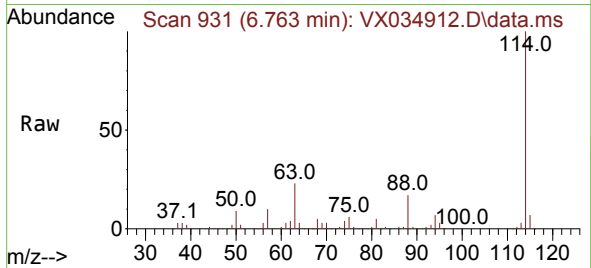




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

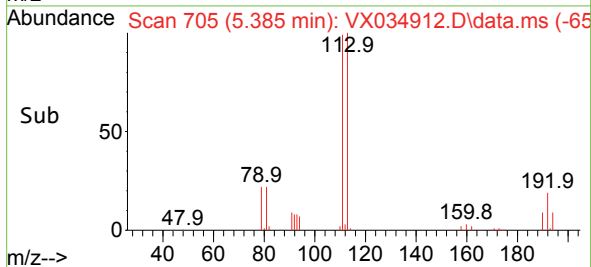
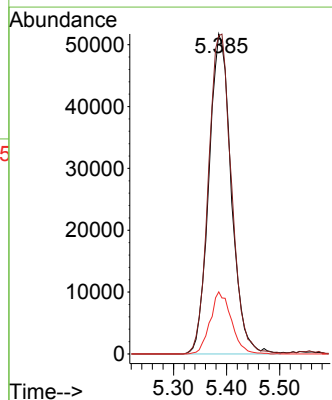
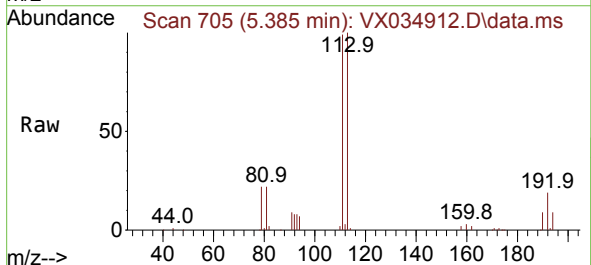
Instrument :
MSVOA_X
ClientSampleId :
MP-5

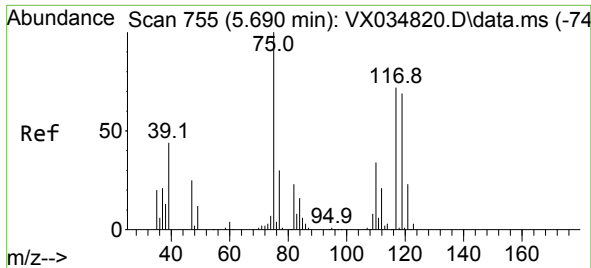
Tgt Ion:114 Resp: 478318
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.813 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

Tgt Ion:113 Resp: 151267
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 18.5 15.4 23.2

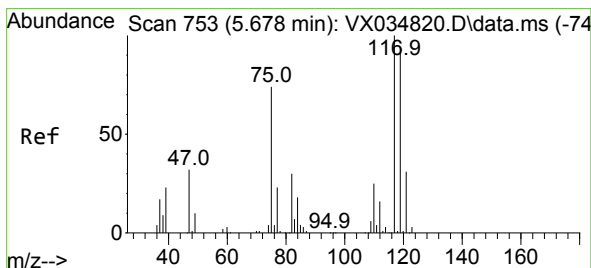
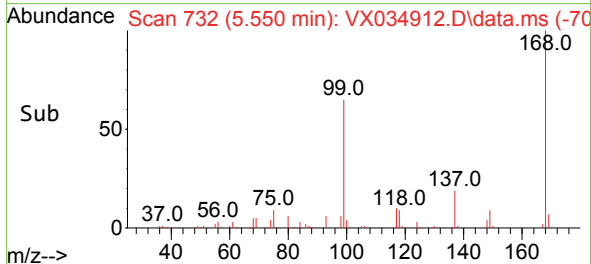
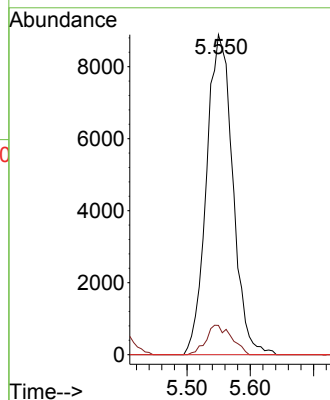
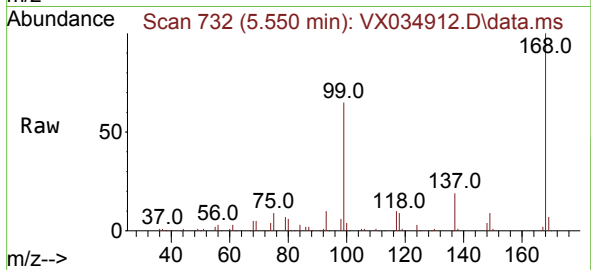




#36
 1,1-Dichloropropene
 Concen: 5.474 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX034912.D
 Acq: 01 Apr 2023 08:52

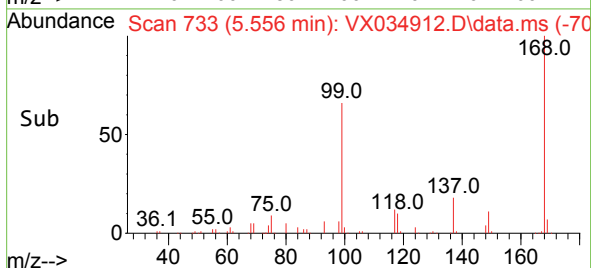
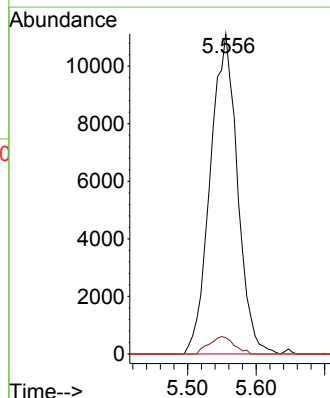
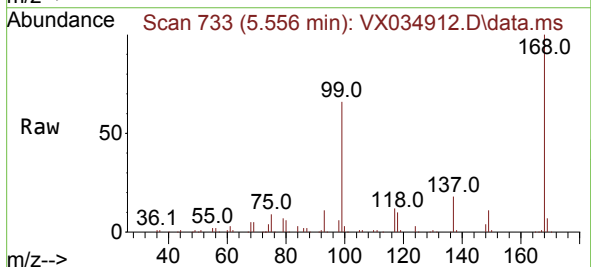
Instrument :
 MSVOA_X
 ClientSampleId :
 MP-5

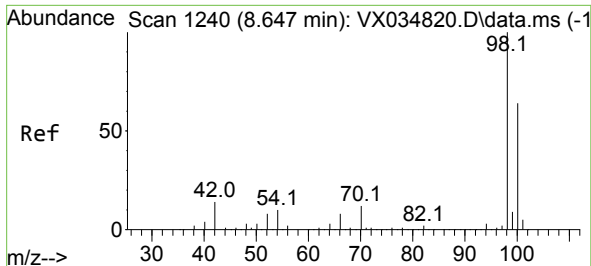
Tgt Ion: 75 Resp: 25657
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.939 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX034912.D
 Acq: 01 Apr 2023 08:52

Tgt Ion: 117 Resp: 30665
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.6 114.8#
 121 0.0 23.8 35.6#

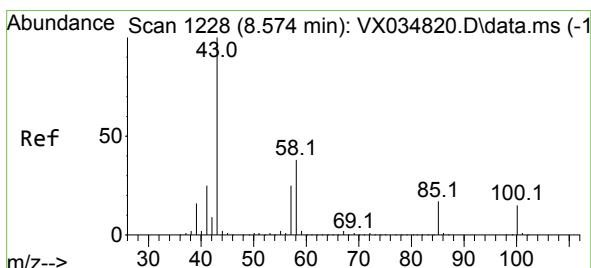
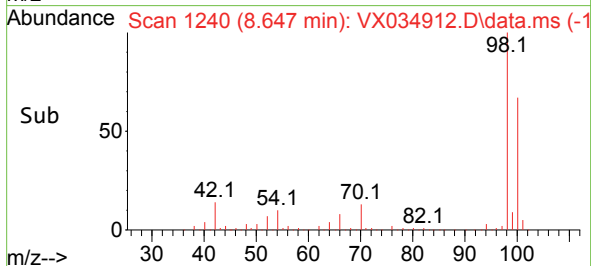
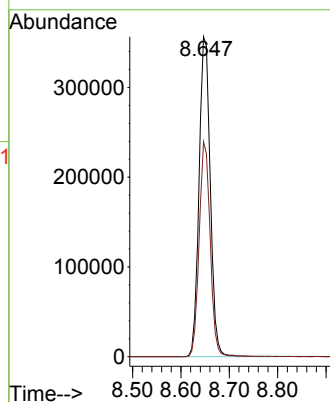
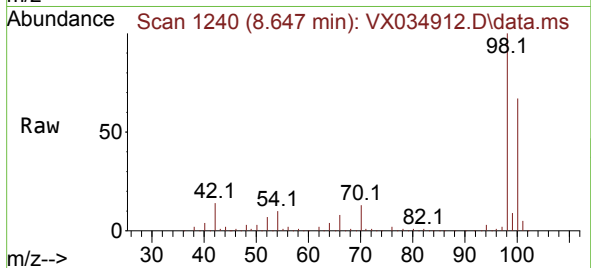




#50
Toluene-d8
Concen: 49.110 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

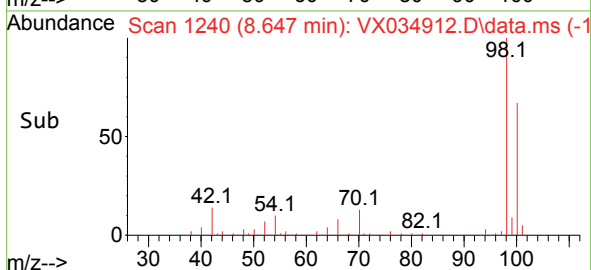
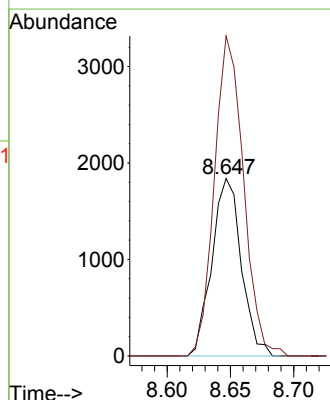
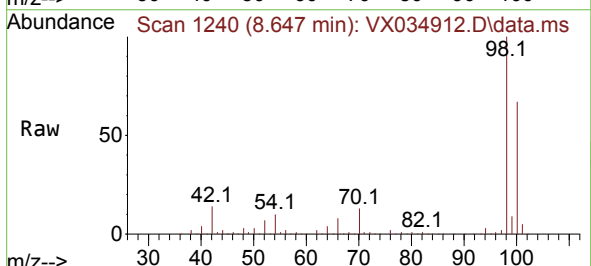
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MSVOA_X
ClientSampleId :
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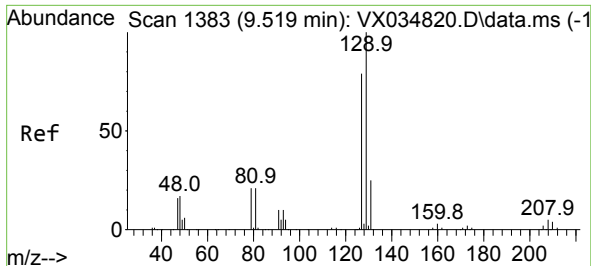
Tgt Ion: 98 Resp: 573478
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.612 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

Tgt Ion: 43 Resp: 2970
Ion Ratio Lower Upper
43 100
58 178.7 30.6 46.0#

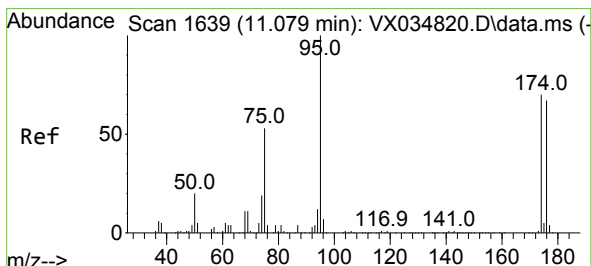
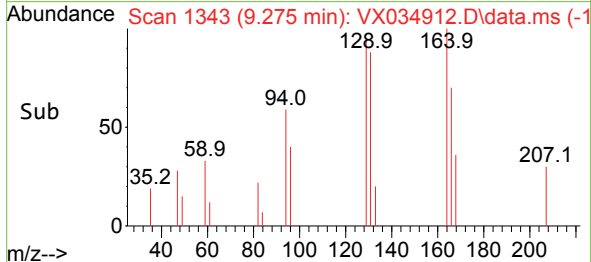
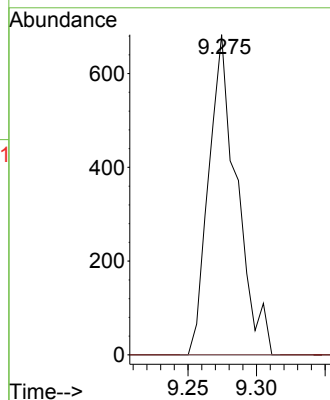
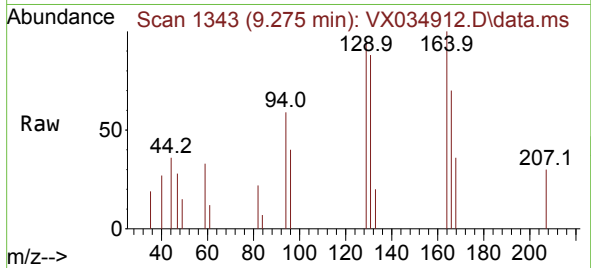




#60
Dibromochloromethane
Concen: 0.308 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

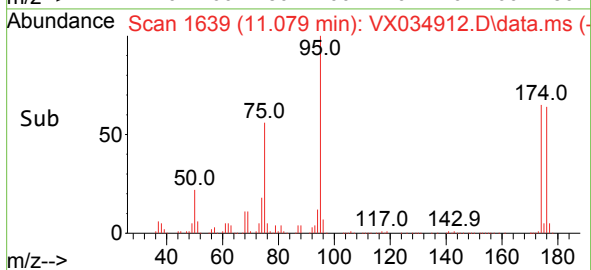
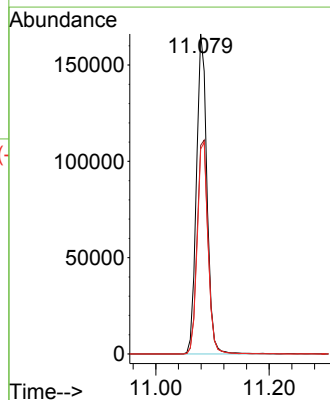
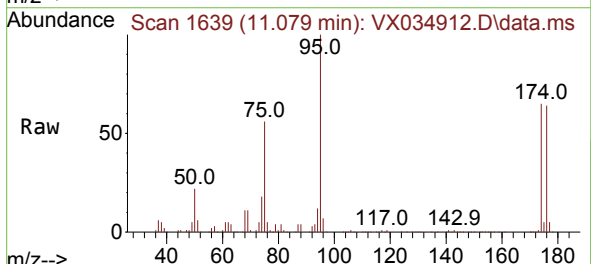
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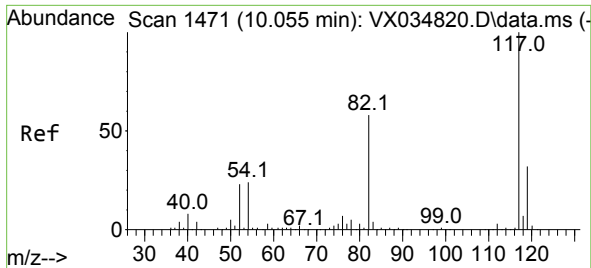
Tgt Ion:129 Resp: 975
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 47.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

Tgt Ion: 95 Resp: 213699
Ion Ratio Lower Upper
95 100
174 69.3 0.0 147.4
176 67.8 0.0 140.6

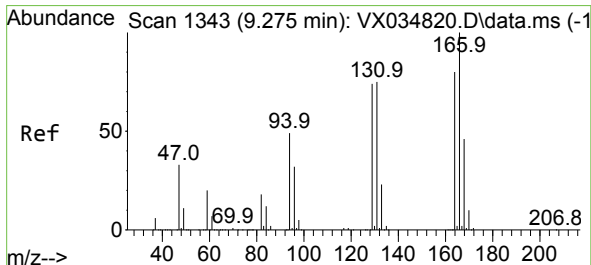
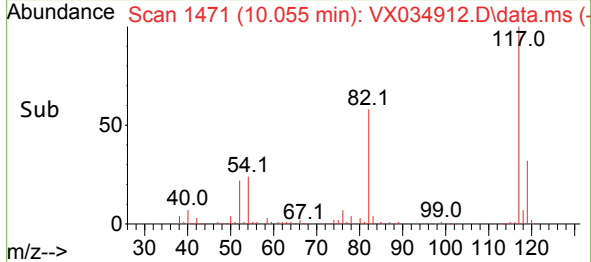
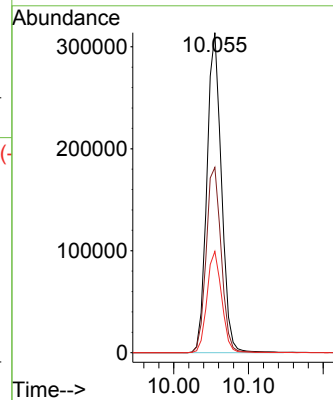
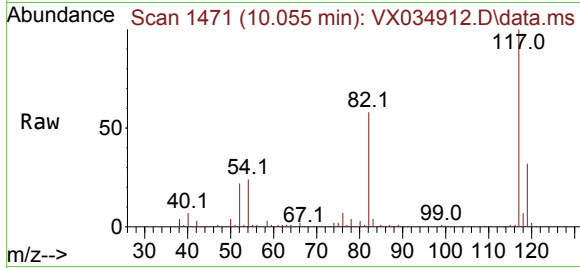




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

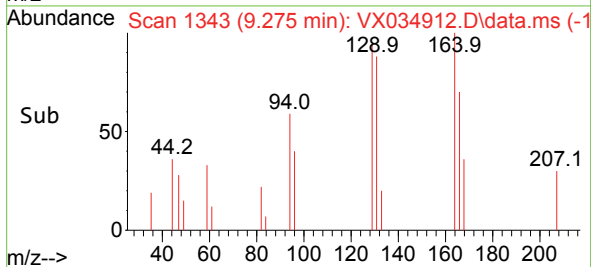
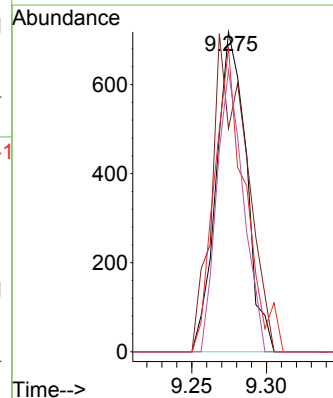
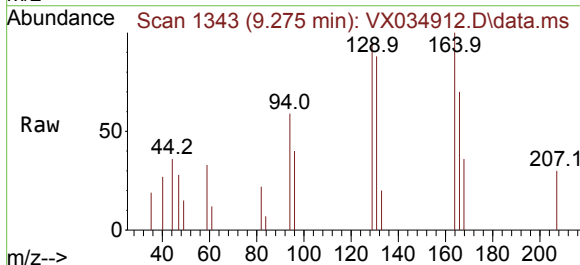
Instrument :
MSVOA_X
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MP-5

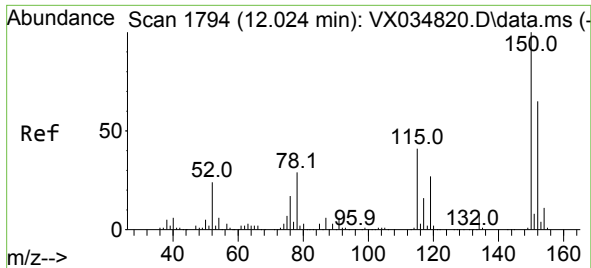
Tgt Ion:117 Resp: 423064
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 0.332 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034912.D
Acq: 01 Apr 2023 08:52

Tgt Ion:164 Resp: 1004
Ion Ratio Lower Upper
164 100
166 69.8 102.7 154.1#
129 95.1 75.6 113.4
131 88.0 73.7 110.5

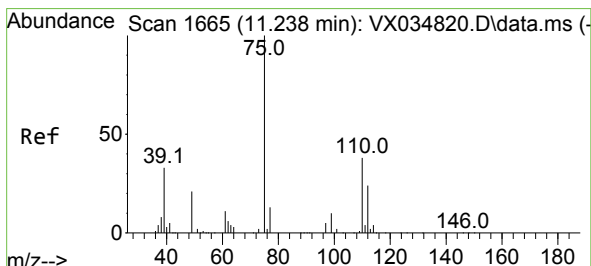
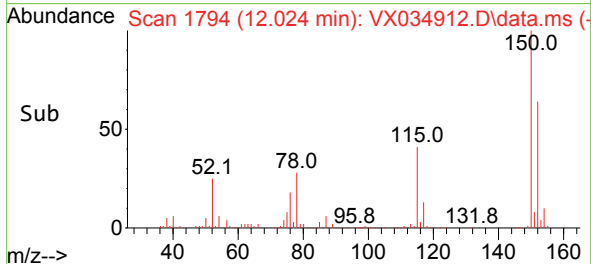
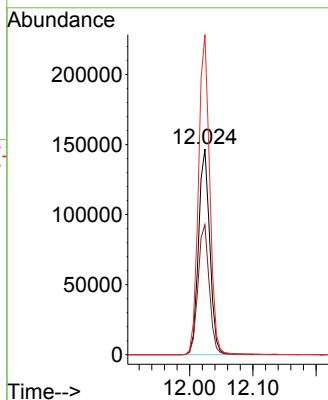
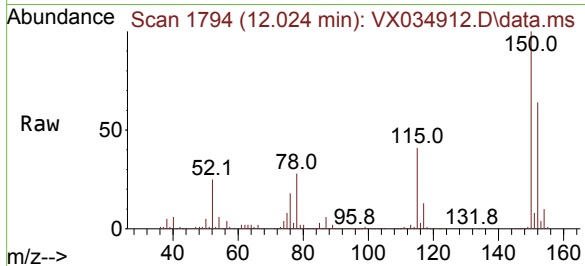




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034912.D
 Acq: 01 Apr 2023 08:52

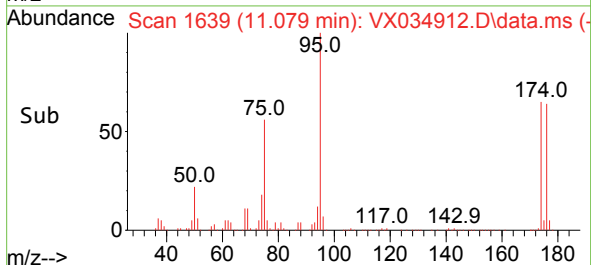
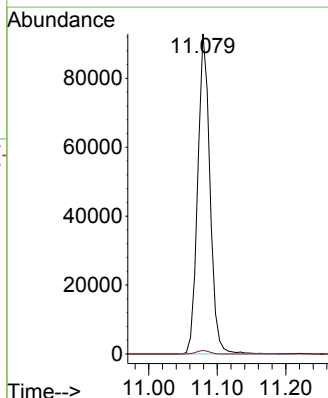
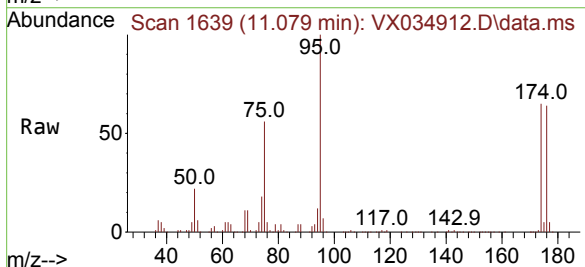
Instrument :
 MSVOA_X
 ClientSampleId :
 MP-5

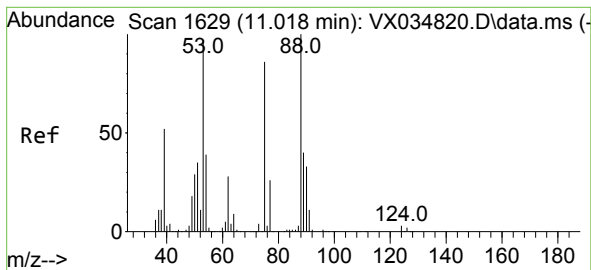
Tgt Ion:152 Resp: 182581
 Ion Ratio Lower Upper
 152 100
 115 63.2 45.0 135.0
 150 154.7 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 31.500 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034912.D
 Acq: 01 Apr 2023 08:52

Tgt Ion: 75 Resp: 115883
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.402 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034912.D
 Acq: 01 Apr 2023 08:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-5

Tgt Ion: 75 Resp: 115883
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

