

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034911.D
 Acq On : 01 Apr 2023 08:28
 Operator : JC/MD
 Sample : 02159-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MP-4

Quant Time: Apr 03 02:12:06 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)

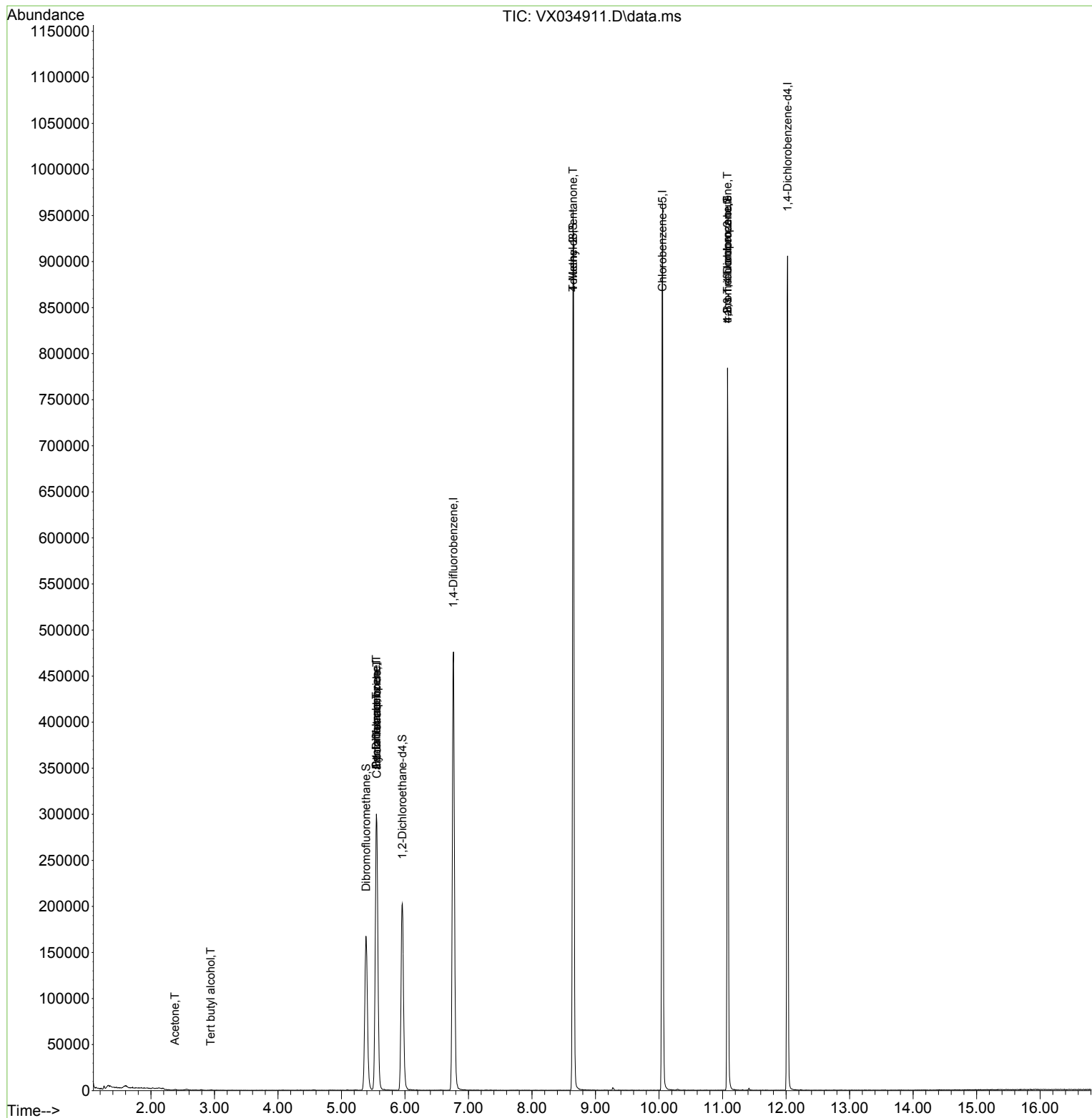
Internal Standards						
1) Pentafluorobenzene	5.550	168	269197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207696	50.449	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.900%		
35) Dibromofluoromethane	5.385	113	146242	47.769	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.540%		
50) Toluene-d8	8.647	98	554808	49.098	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.200%		
62) 4-Bromofluorobenzene	11.079	95	209259	47.855	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.700%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	184	0.255	ug/l #	73
16) Acetone	2.379	43	929	0.555	ug/l #	66
31) Cyclohexane	5.550	56	6568	1.310	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22951	5.060	ug/l #	52
38) Carbon Tetrachloride	5.556	117	28951	6.770	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2525	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	113267	31.514	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	113267	94.446	ug/l #	8

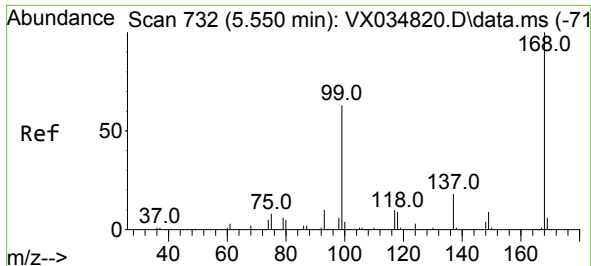
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 03 02:12:06 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

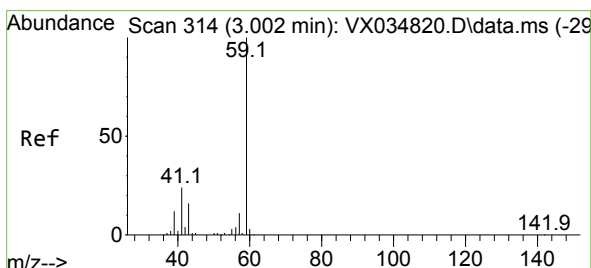
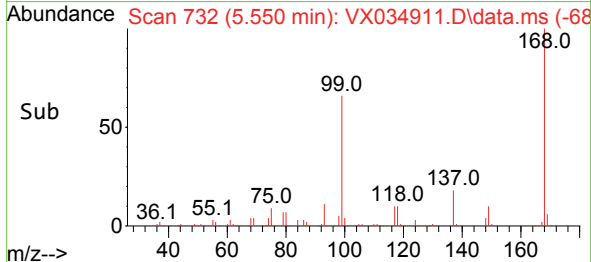
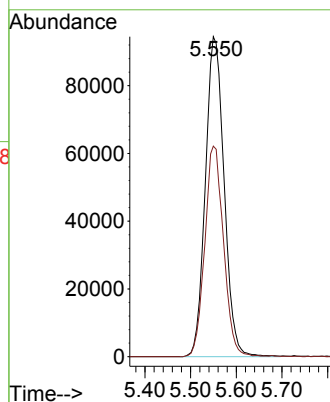
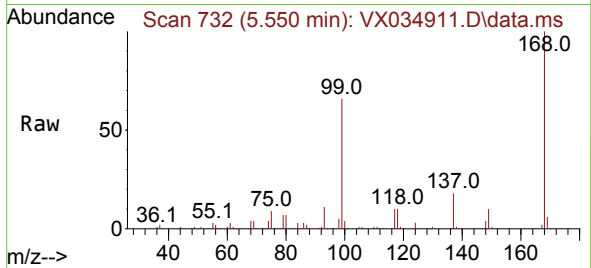




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

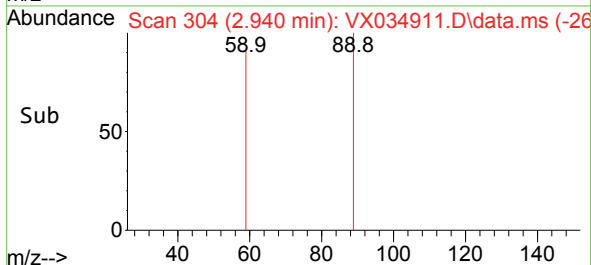
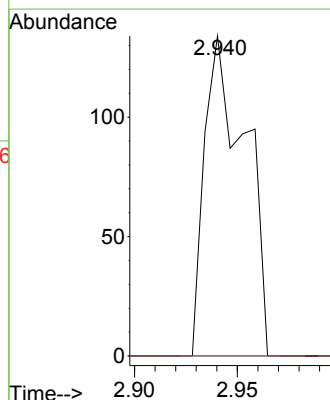
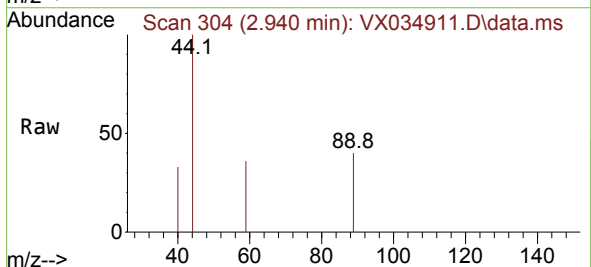
Instrument :
MSVOA_X
ClientSampleId :
MP-4

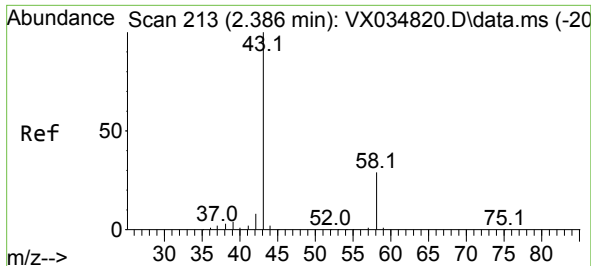
Tgt Ion:168 Resp: 269197
Ion Ratio Lower Upper
168 100
99 65.8 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.255 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 0.555 ug/l

RT: 2.379 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX034911.D

Acq: 01 Apr 2023 08:28

Instrument :

MSVOA_X

ClientSampleId :

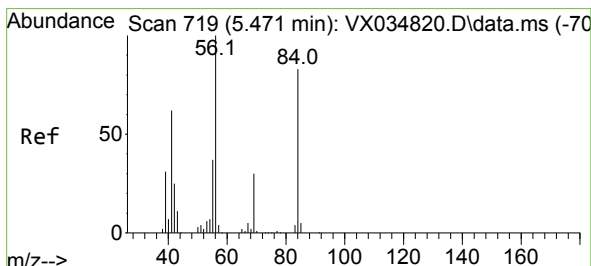
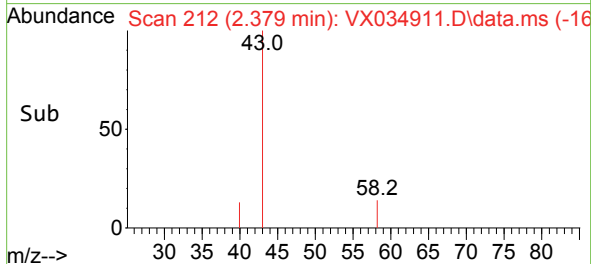
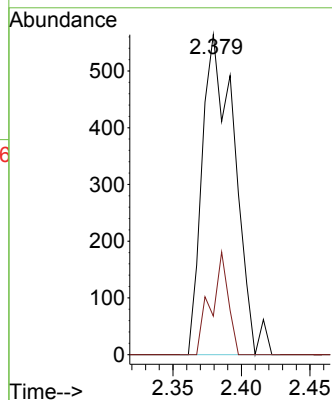
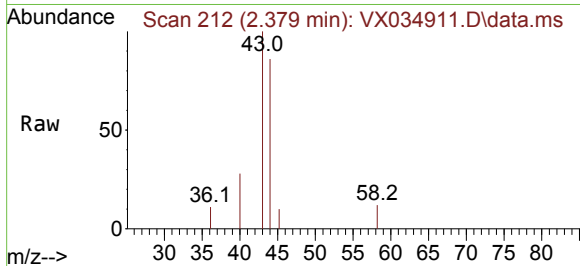
MP-4

Tgt Ion: 43 Resp: 929

Ion Ratio Lower Upper

43 100

58 12.1 24.7 37.1#



#31

Cyclohexane

Concen: 1.310 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX034911.D

Acq: 01 Apr 2023 08:28

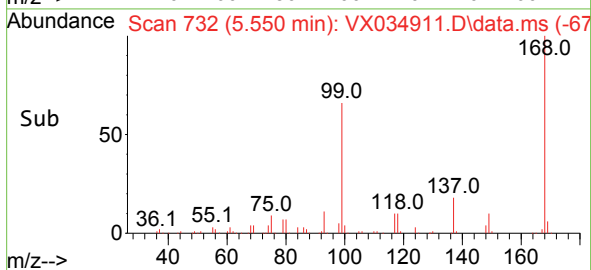
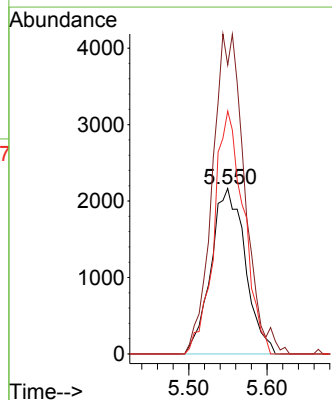
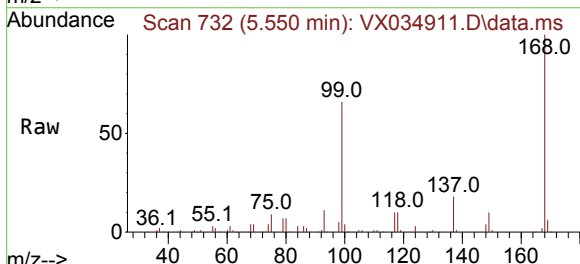
Tgt Ion: 56 Resp: 6568

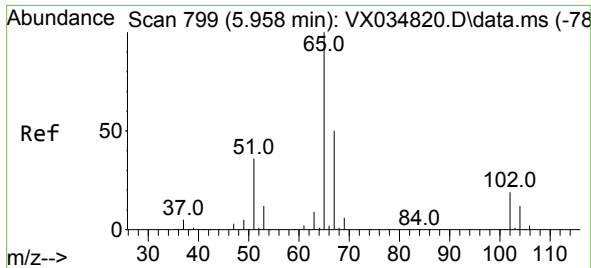
Ion Ratio Lower Upper

56 100

69 174.6 23.7 35.5#

84 146.8 68.5 102.7#

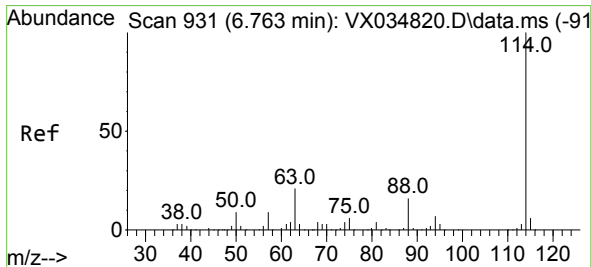
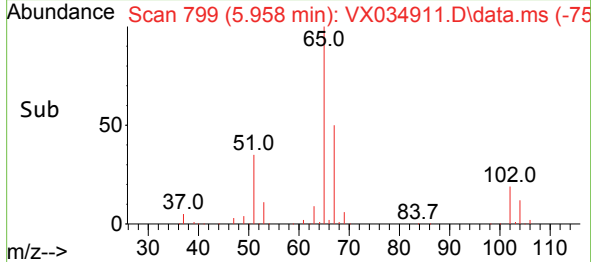
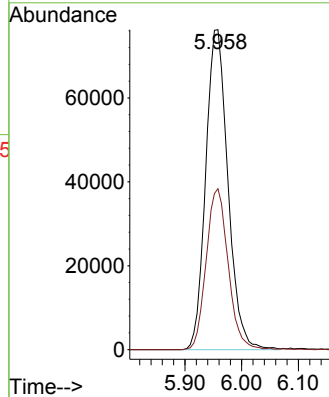
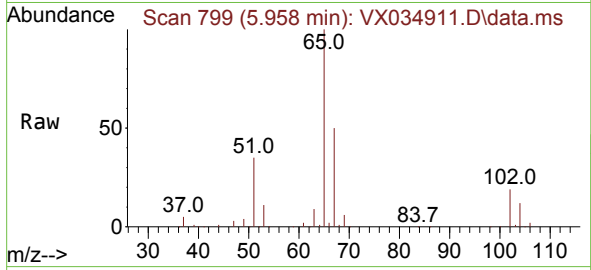




#33
 1,2-Dichloroethane-d4
 Concen: 50.449 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX034911.D
 Acq: 01 Apr 2023 08:28

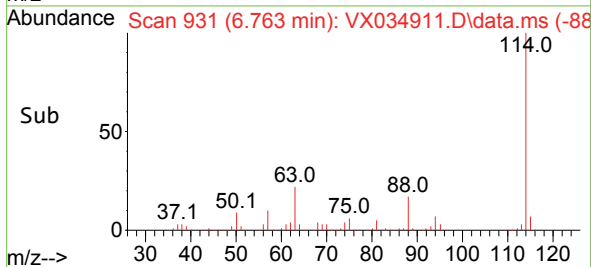
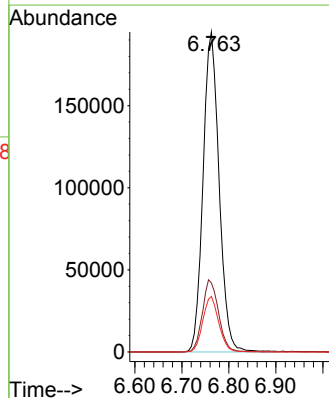
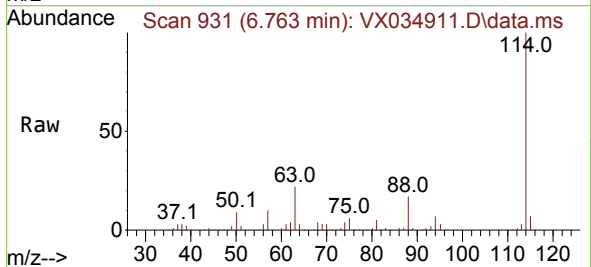
Instrument :
 MSVOA_X
 ClientSampleId :
 MP-4

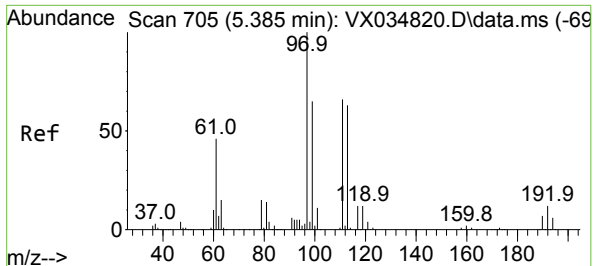
Tgt Ion: 65 Resp: 207696
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034911.D
 Acq: 01 Apr 2023 08:28

Tgt Ion: 114 Resp: 462858
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.2
 88 17.3 0.0 33.2

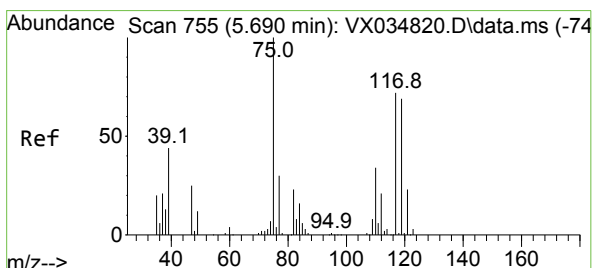
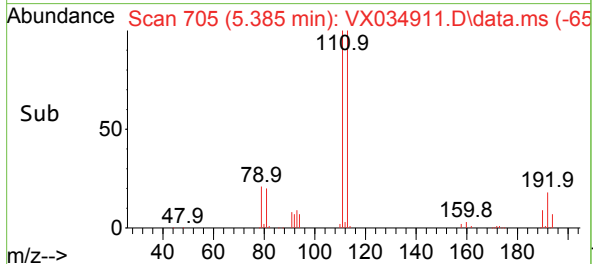
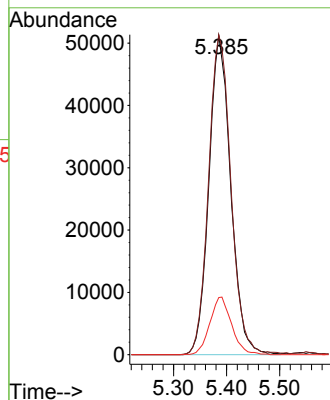
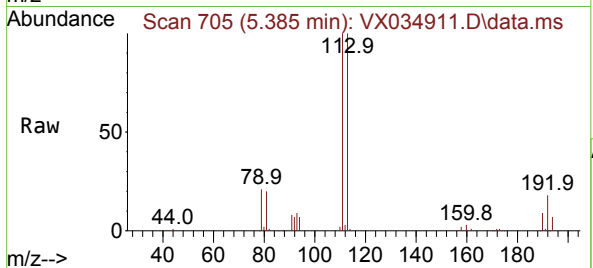




#35
Dibromofluoromethane
Concen: 47.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

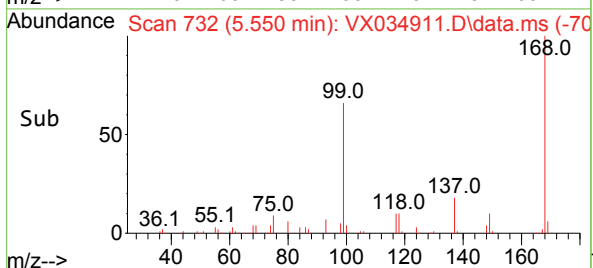
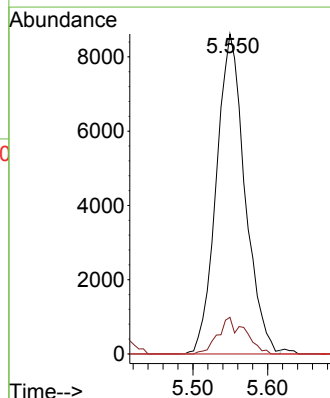
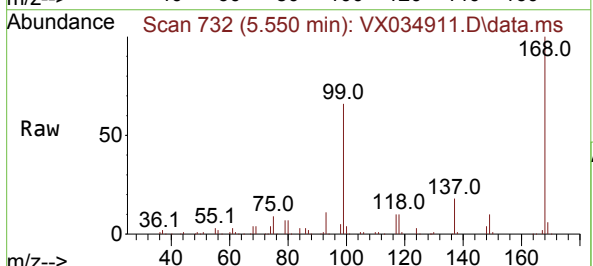
Instrument :
MSVOA_X
ClientSampleId :
MP-4

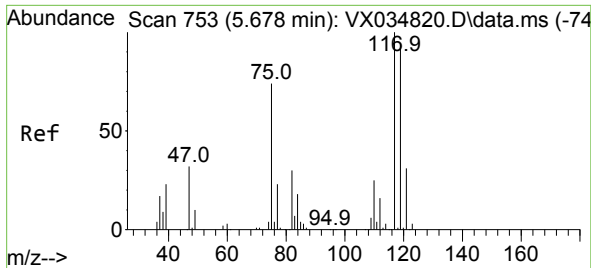
Tgt Ion:113 Resp: 146242
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 18.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

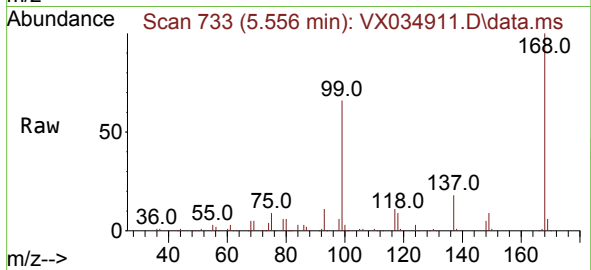
Tgt Ion: 75 Resp: 22951
Ion Ratio Lower Upper
75 100
110 10.8 17.5 52.5#
77 0.0 24.3 36.5#



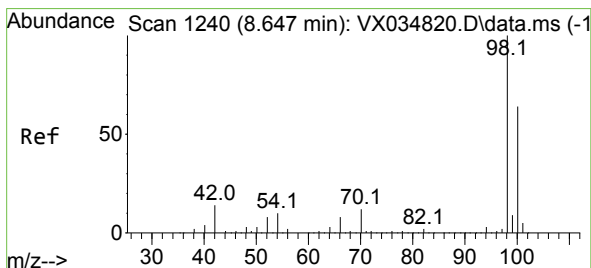
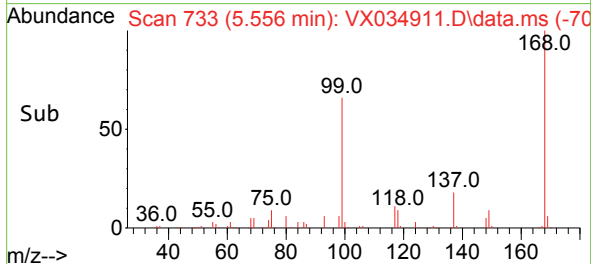
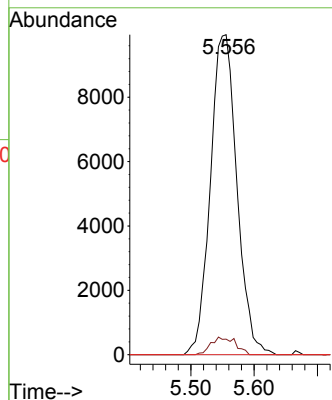


#38
Carbon Tetrachloride
Concen: 6.770 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Instrument :
MSVOA_X
ClientSampleId :
MP-4

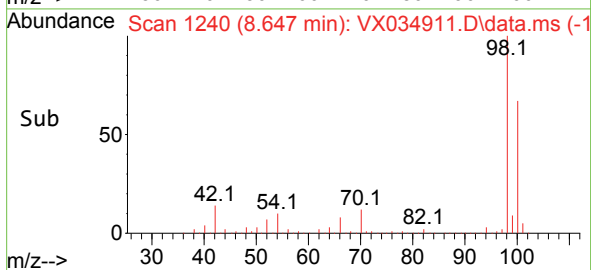
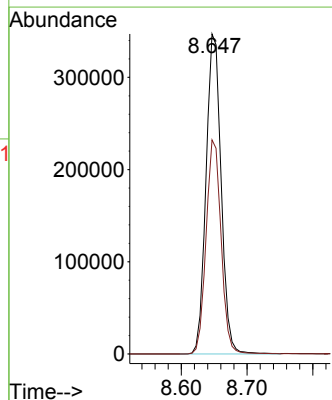
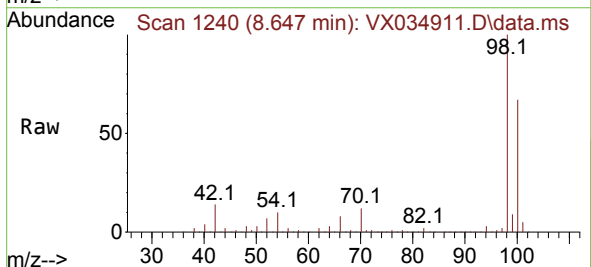


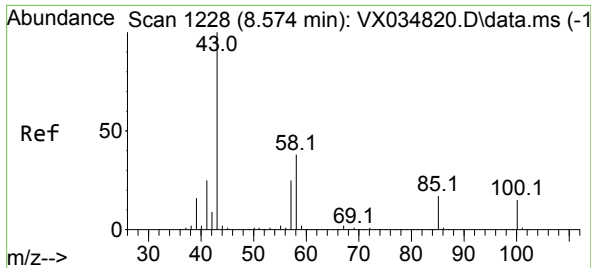
Tgt Ion:117 Resp: 28951
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion: 98 Resp: 554808
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

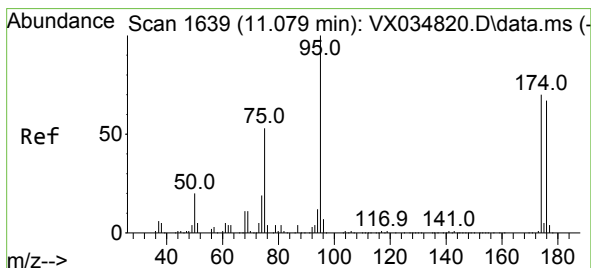
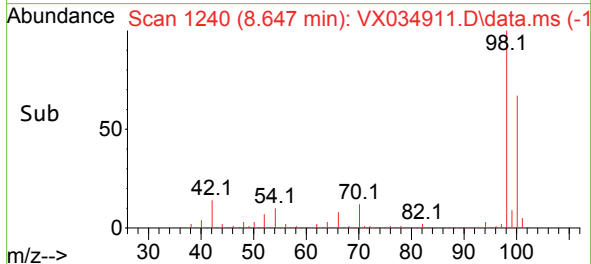
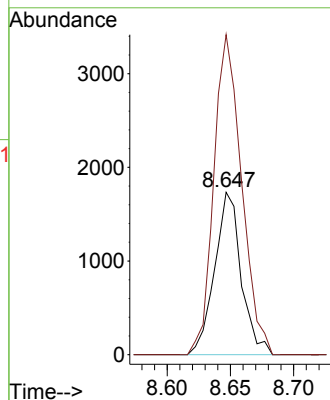
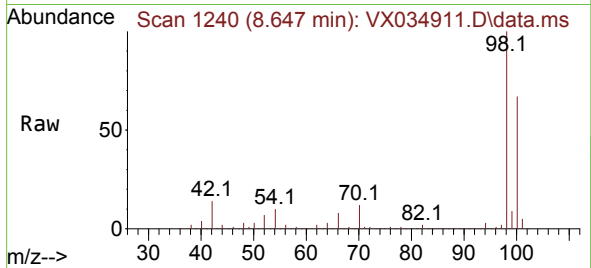




#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

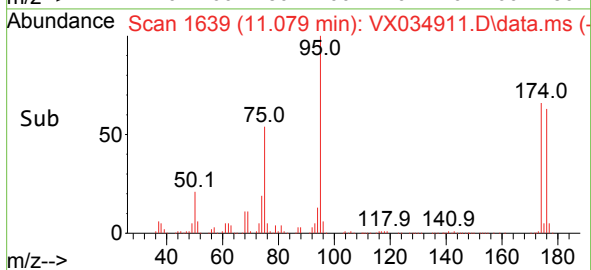
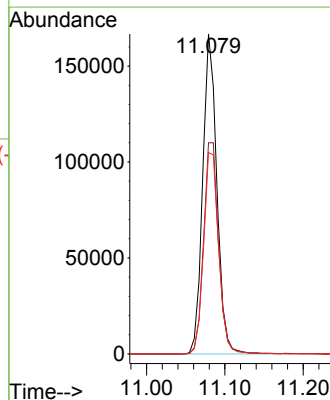
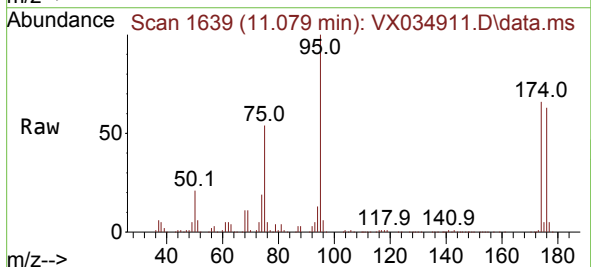
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ClientSampleId :
MP-4

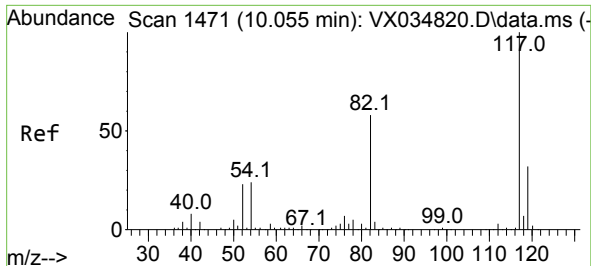
Tgt Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
58 206.8 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.855 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion: 95 Resp: 209259
Ion Ratio Lower Upper
95 100
174 69.9 0.0 147.4
176 66.9 0.0 140.6

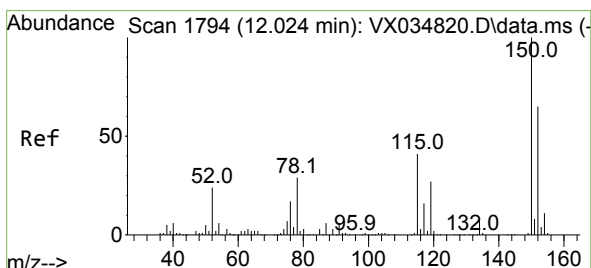
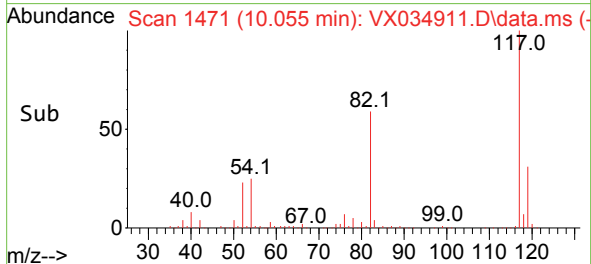
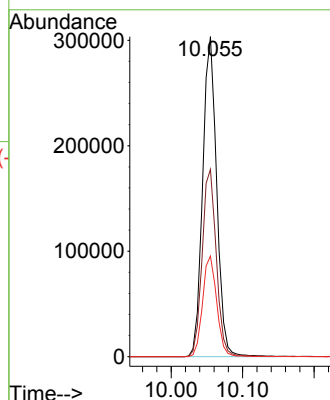
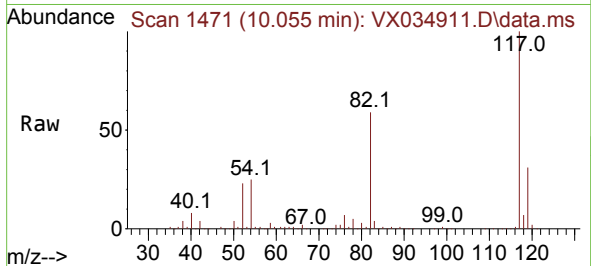




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

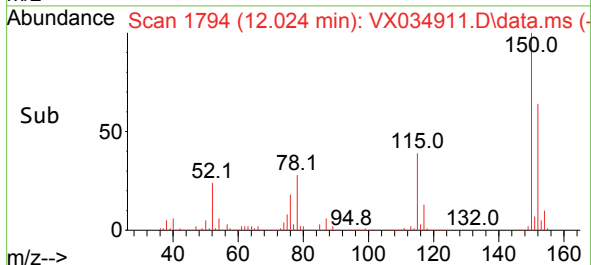
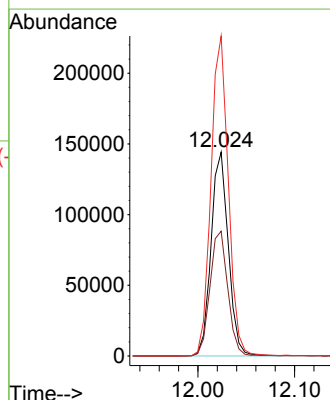
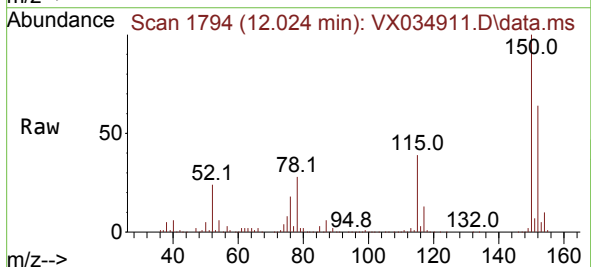
Instrument :
MSVOA_X
ClientSampleId :
MP-4

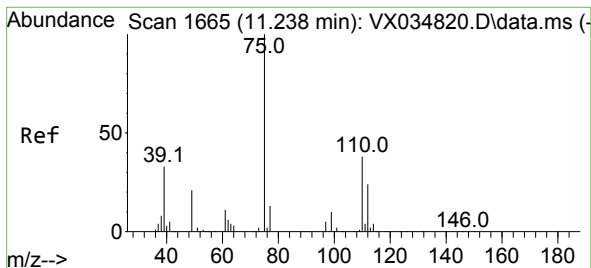
Tgt Ion:117 Resp: 412955
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034911.D
Acq: 01 Apr 2023 08:28

Tgt Ion:152 Resp: 178377
Ion Ratio Lower Upper
152 100
115 63.5 45.0 135.0
150 158.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 31.514 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034911.D

Acq: 01 Apr 2023 08:28

Instrument :

MSVOA_X

ClientSampleId :

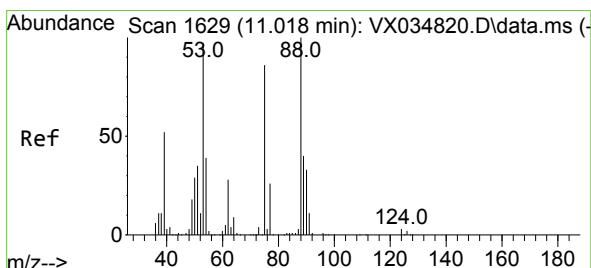
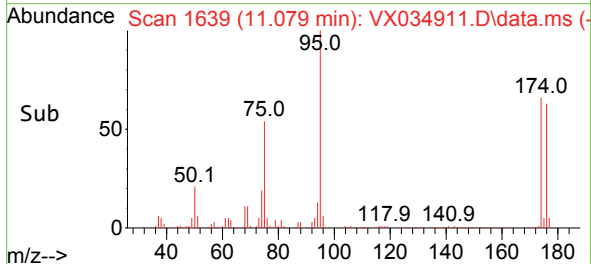
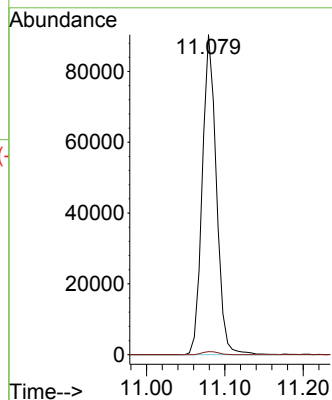
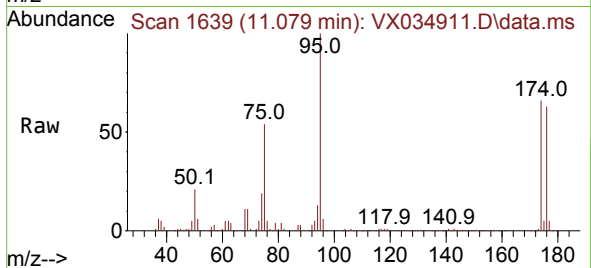
MP-4

Tgt Ion: 75 Resp: 113267

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.446 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034911.D

Acq: 01 Apr 2023 08:28

Tgt Ion: 75 Resp: 113267

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.1 36.9 55.3#

