

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037224.D
 Acq On : 24 Aug 2023 18:19
 Operator : JC/MD
 Sample : 04051-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20230816

Quant Time: Aug 24 23:40:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

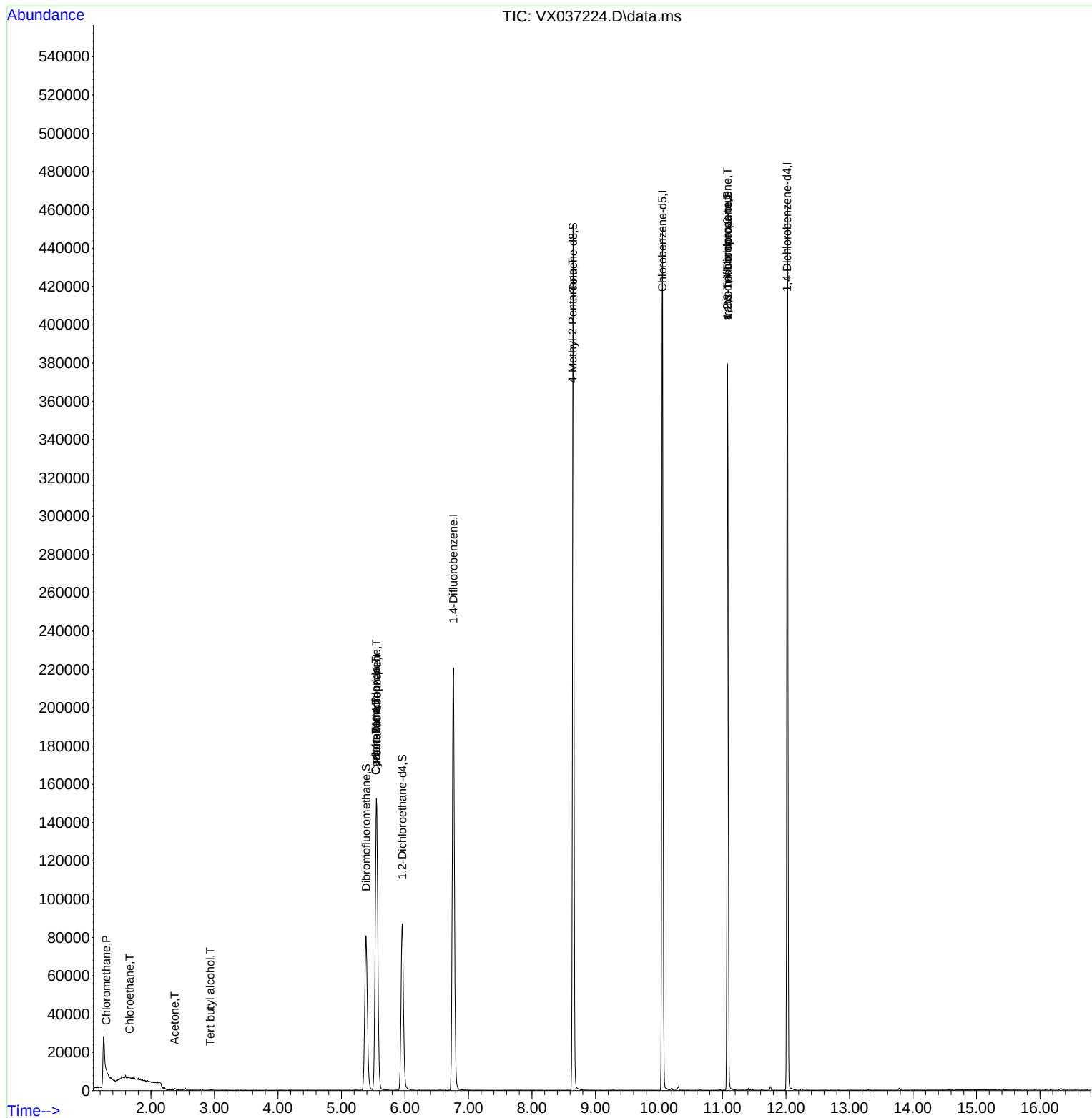
Internal Standards						
1) Pentafluorobenzene	5.556	168	139313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88807	44.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.440%
35) Dibromofluoromethane	5.385	113	70638	46.104	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.200%
50) Toluene-d8	8.647	98	270923	48.748	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	103492	47.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	861	0.608	ug/l #	82
6) Chloroethane	1.666	64	7427	8.190	ug/l #	51
11) Tert butyl alcohol	2.934	59	128	0.272	ug/l #	78
16) Acetone	2.374	43	922	1.173	ug/l	90
31) Cyclohexane	5.544	56	2993	1.325	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11345	5.212	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15250	6.449	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	983	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53019	25.979	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53019	72.562	ug/l #	5

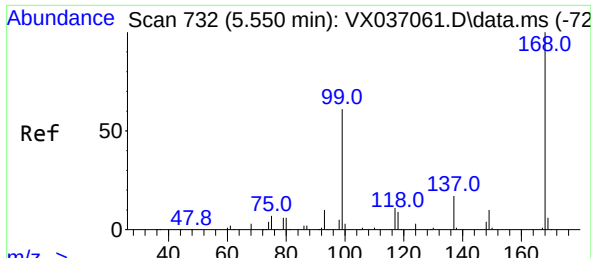
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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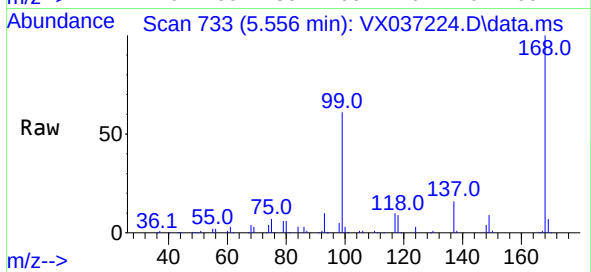
Quant Time: Aug 24 23:40:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



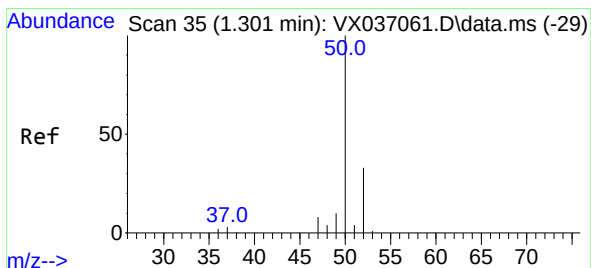
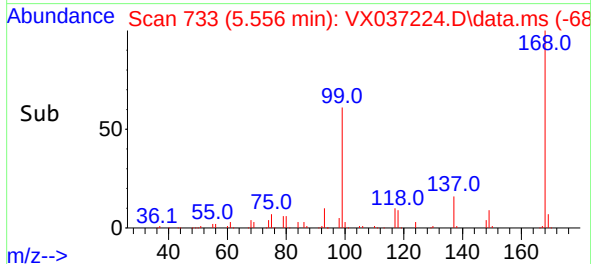
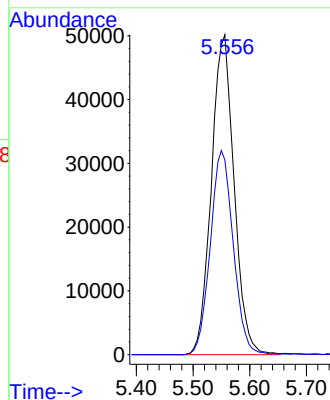


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20230816

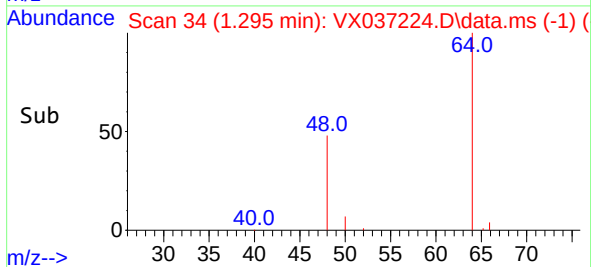
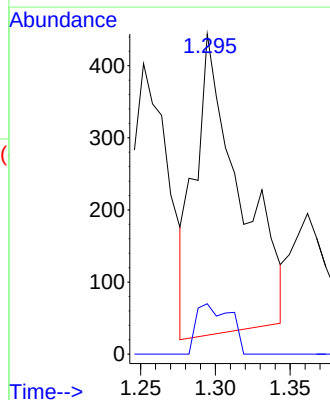
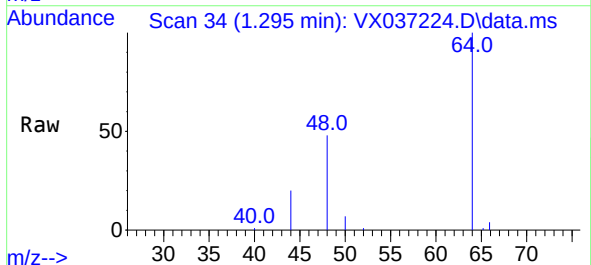


Tgt Ion:168 Resp: 139313
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0

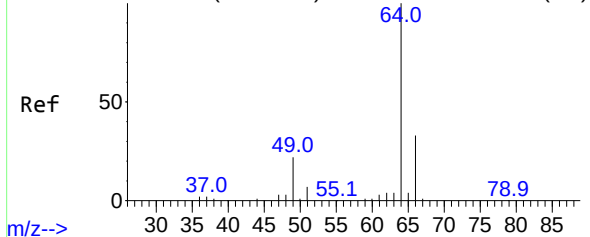


#3
Chloromethane
Concen: 0.608 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Tgt Ion: 50 Resp: 861
Ion Ratio Lower Upper
50 100
52 21.9 25.5 38.3#



Abundance Scan 96 (1.672 min): VX037061.D\data.ms (-90)



#6

Chloroethane

Concen: 8.190 ug/l

RT: 1.666 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX037224.D

Acq: 24 Aug 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-7-20230816

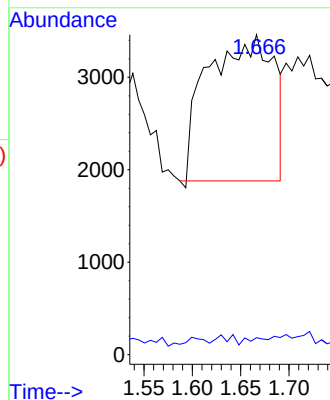
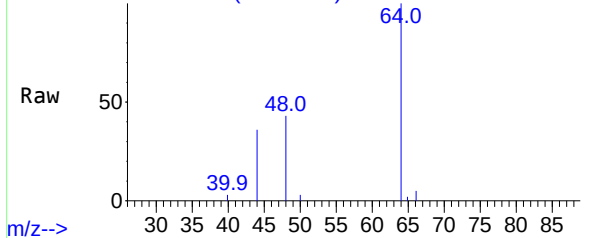
Tgt Ion: 64 Resp: 7427

Ion Ratio Lower Upper

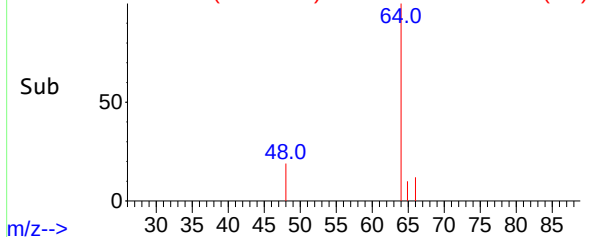
64 100

66 4.4 25.1 37.7#

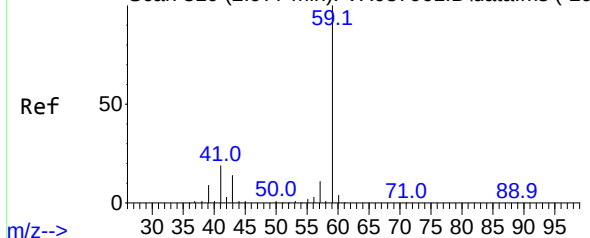
Abundance Scan 95 (1.666 min): VX037224.D\data.ms



Abundance Scan 95 (1.666 min): VX037224.D\data.ms (-47)



Abundance Scan 310 (2.977 min): VX037061.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 0.272 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.043 min

Lab File: VX037224.D

Acq: 24 Aug 2023 18:19

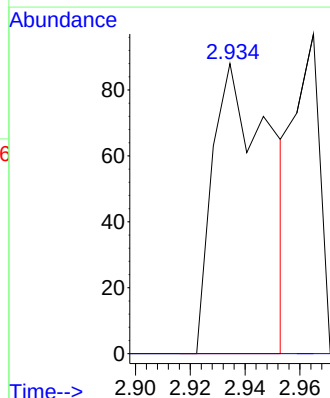
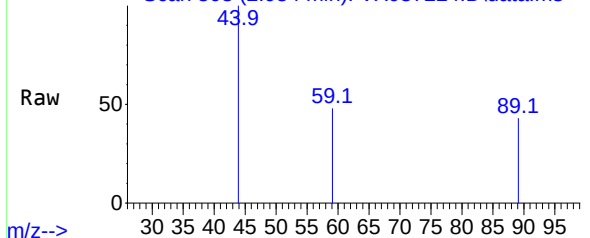
Tgt Ion: 59 Resp: 128

Ion Ratio Lower Upper

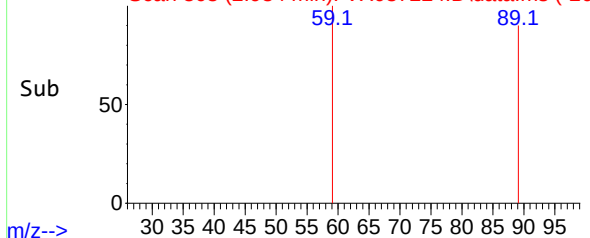
59 100

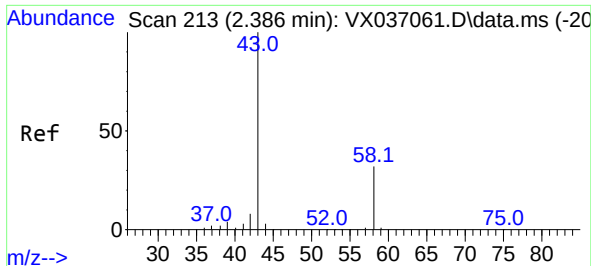
57 0.0 6.0 9.0#

Abundance Scan 303 (2.934 min): VX037224.D\data.ms



Abundance Scan 303 (2.934 min): VX037224.D\data.ms (-26)

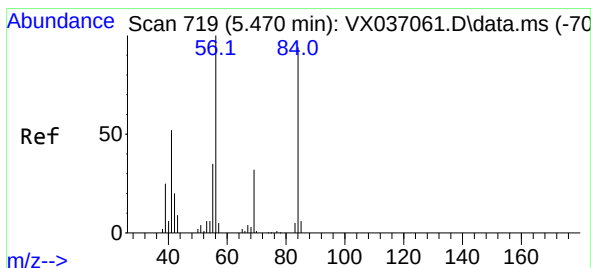
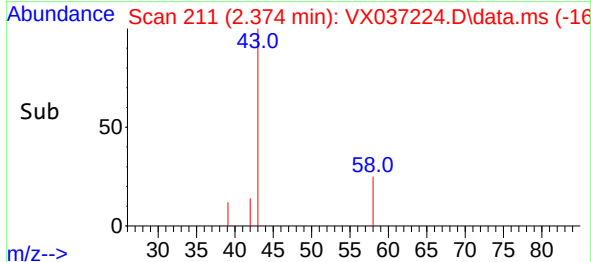
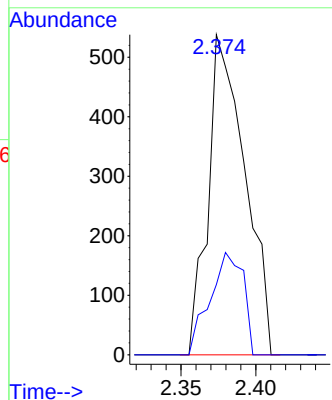
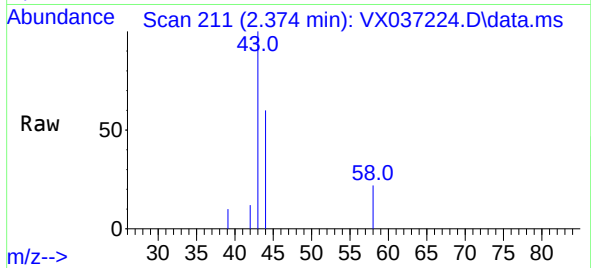




#16
Acetone
Concen: 1.173 ug/l
RT: 2.374 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

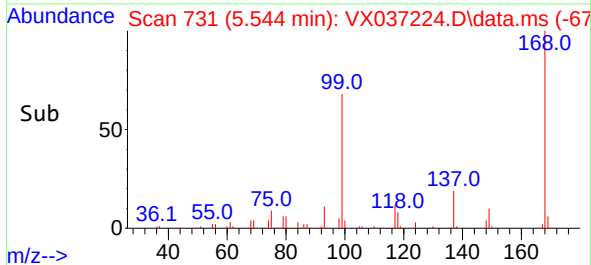
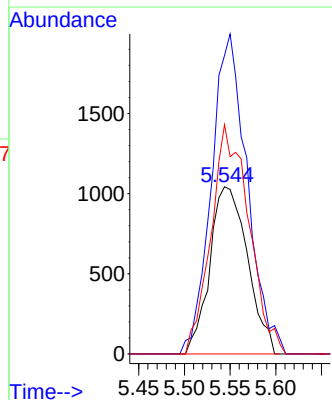
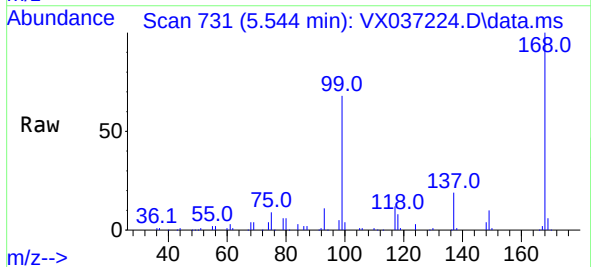
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20230816

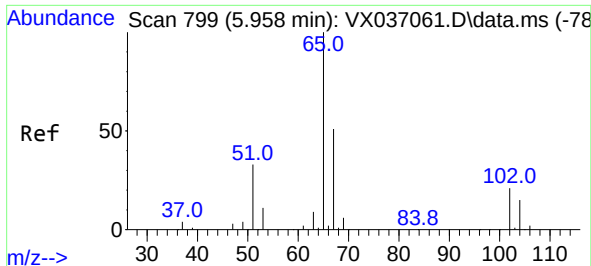
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
58 21.9 21.9 32.9



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Tgt Ion: 56 Resp: 2993
Ion Ratio Lower Upper
56 100
69 178.5 23.4 35.2#
84 137.1 65.9 98.9#

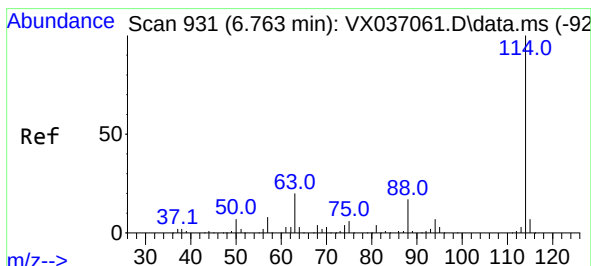
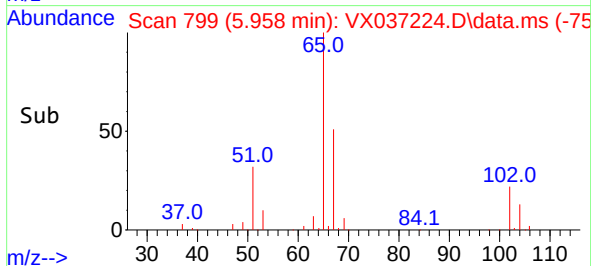
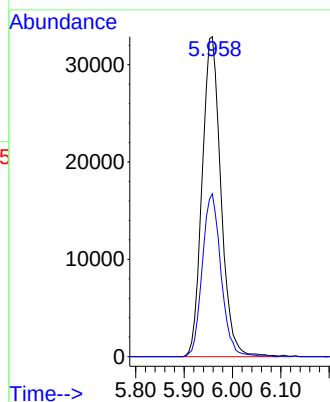
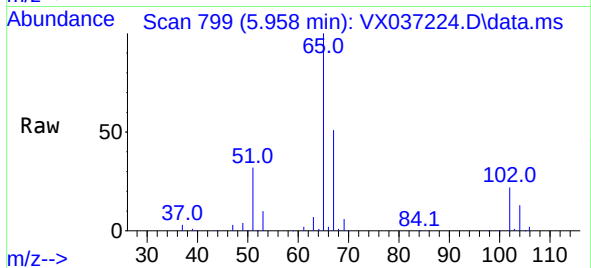




#33
1,2-Dichloroethane-d4
Concen: 44.217 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

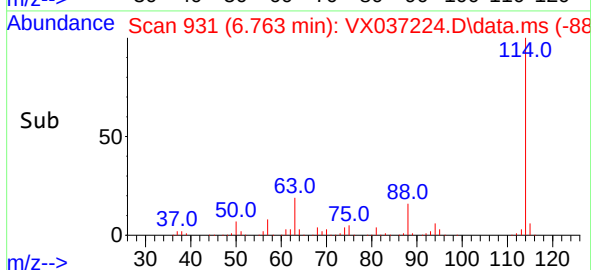
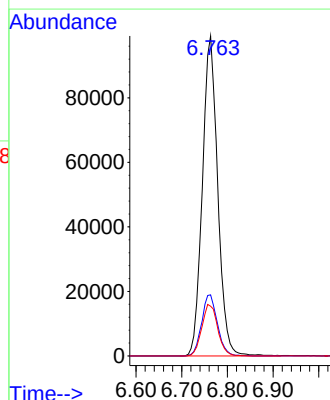
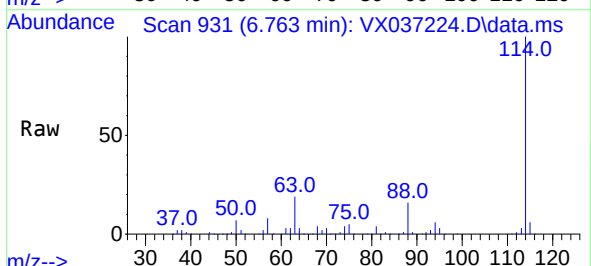
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20230816

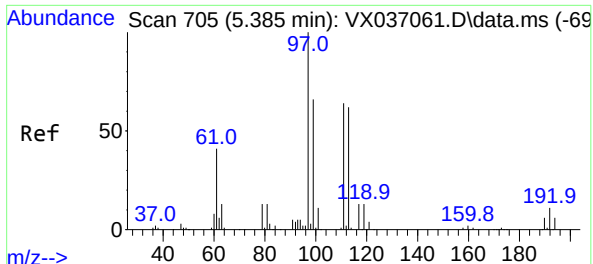
Tgt Ion: 65 Resp: 88807
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Tgt Ion: 114 Resp: 231344
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.5 0.0 36.6

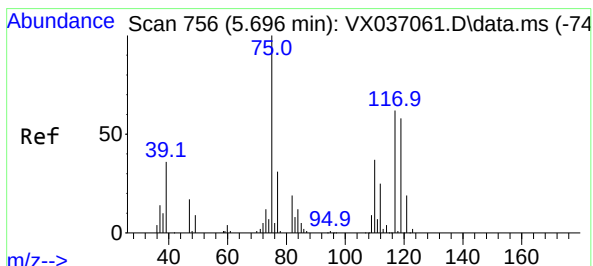
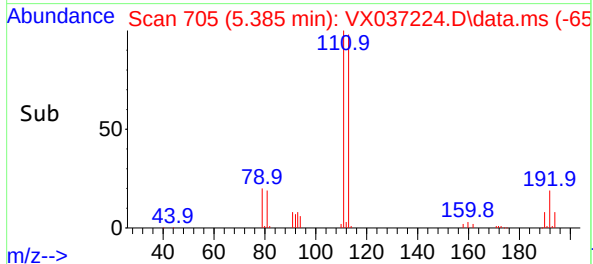
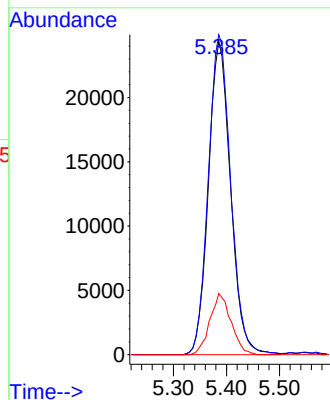
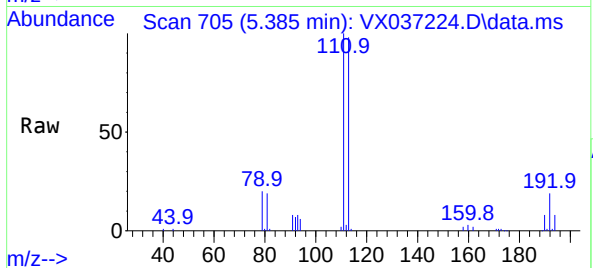




#35
Dibromofluoromethane
Concen: 46.104 ug/l
RT: 5.385 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

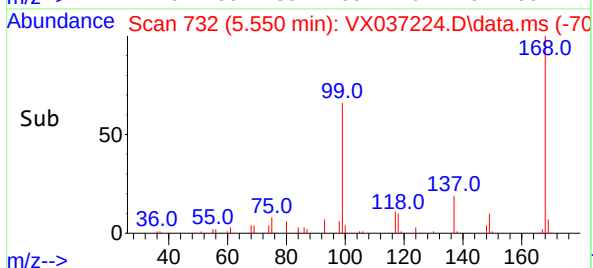
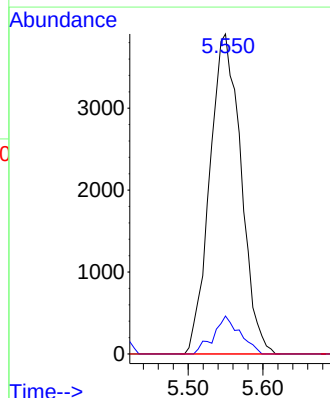
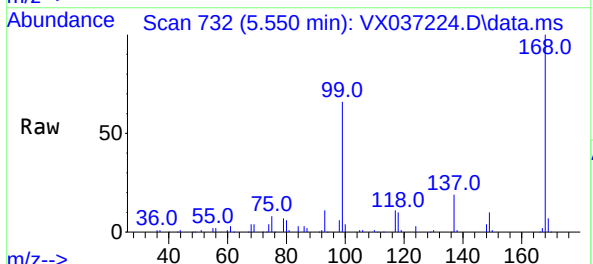
Instrument :
MSVOA_X
ClientSampleId :
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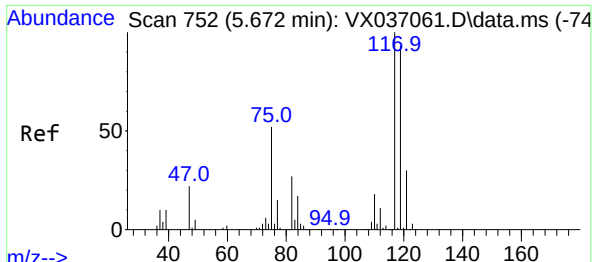
Tgt Ion:	113	Resp:	70638
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.7	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.212 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

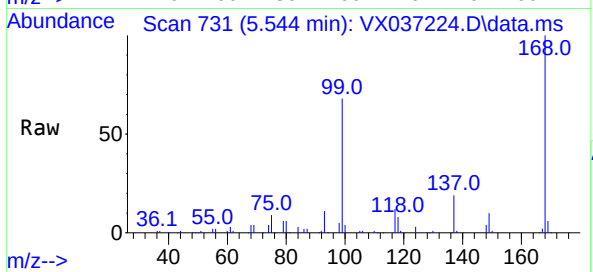
Tgt Ion:	75	Resp:	11345
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.0	50.9#
77	0.0	24.7	37.1#



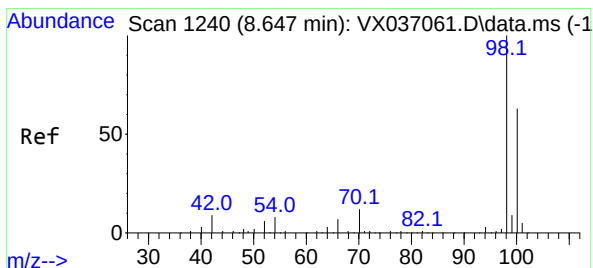
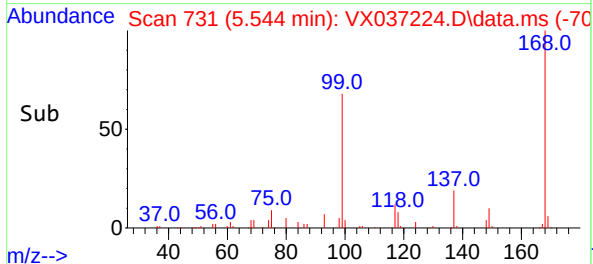
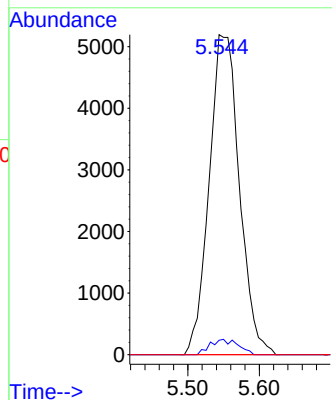


#38
Carbon Tetrachloride
Concen: 6.449 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Instrument :
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ClientSampleId :
BPOW1-7-20230816

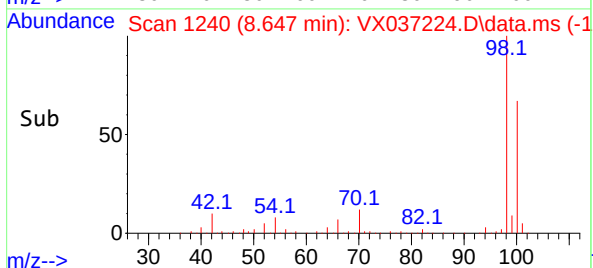
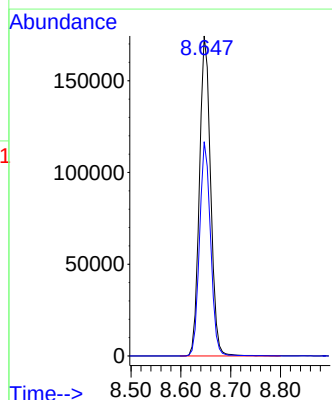
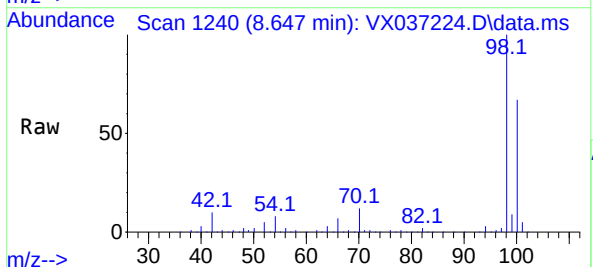


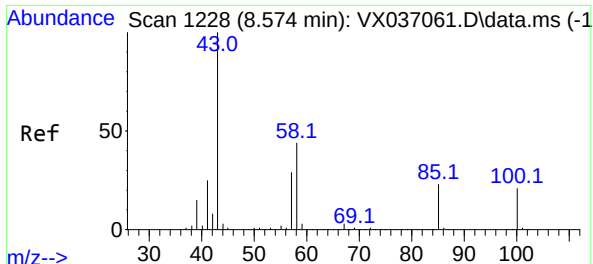
Tgt Ion:117 Resp: 15250
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.748 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Tgt Ion: 98 Resp: 270923
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

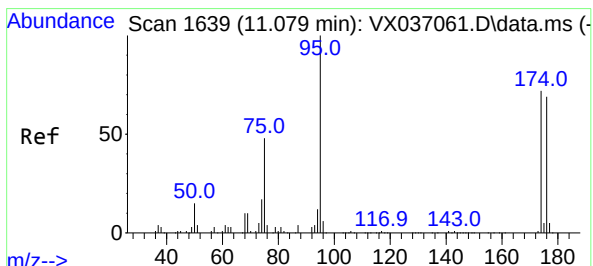
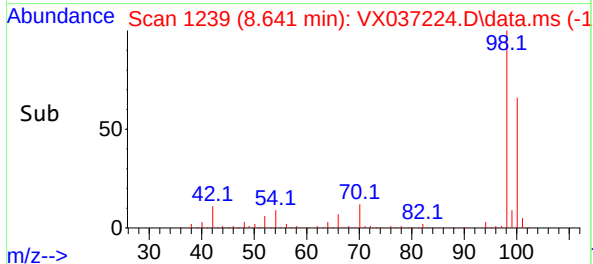
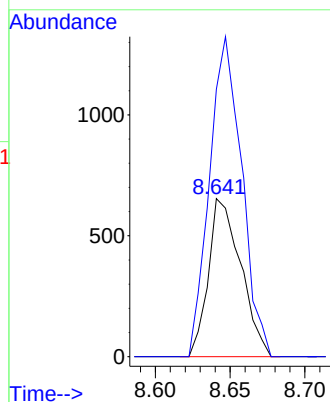
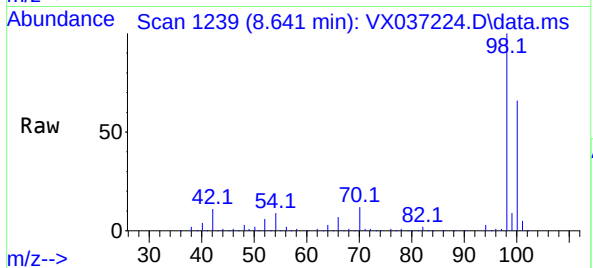




#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

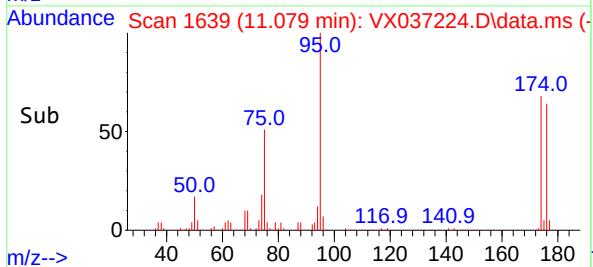
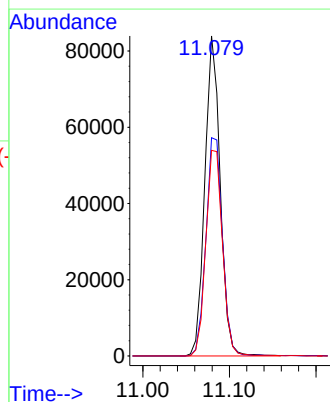
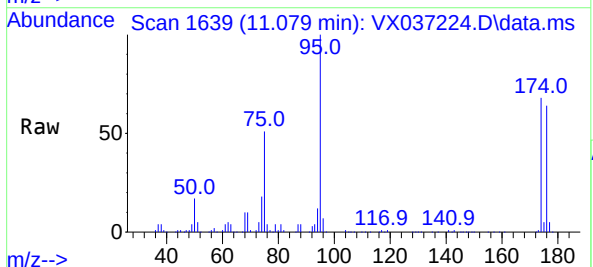
Instrument :
MSVOA_X
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BPOW1-7-20230816

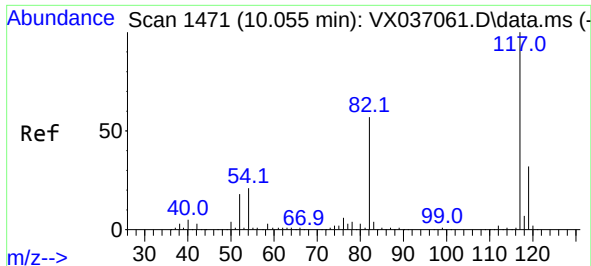
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 201.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.385 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Tgt Ion: 95 Resp: 103492
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 69.5 0.0 131.0

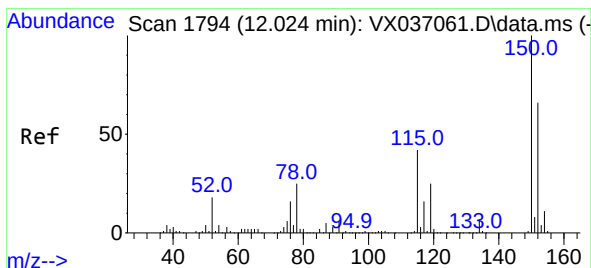
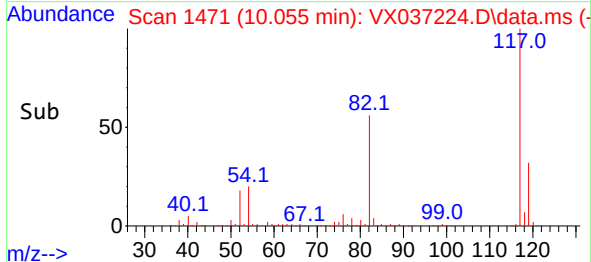
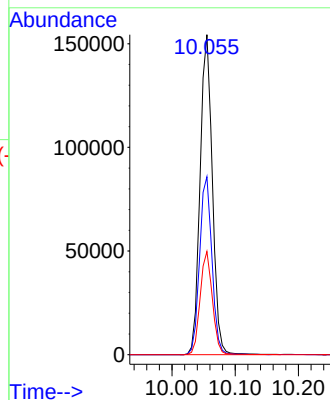
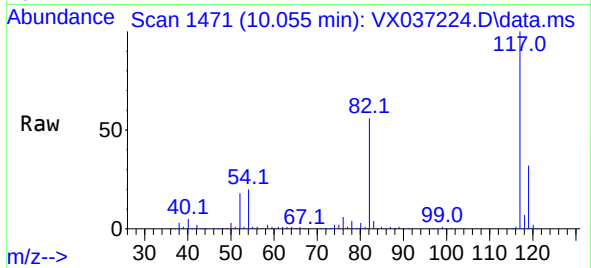




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

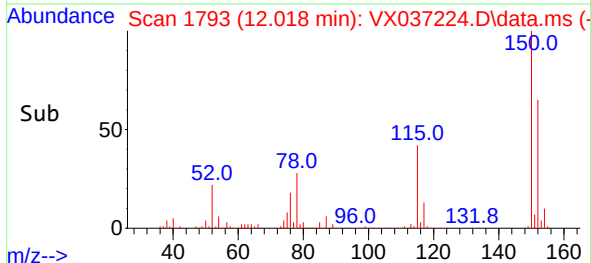
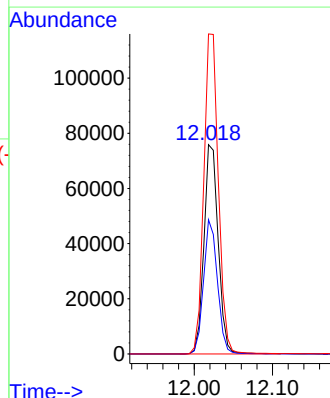
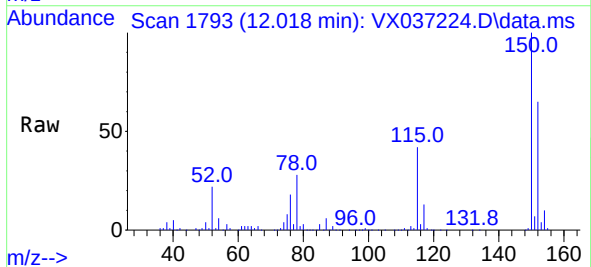
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20230816

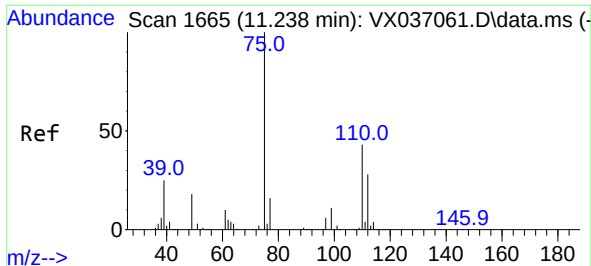
Tgt Ion:117 Resp: 208939
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Tgt Ion:152 Resp: 95827
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 156.4 0.0 345.0

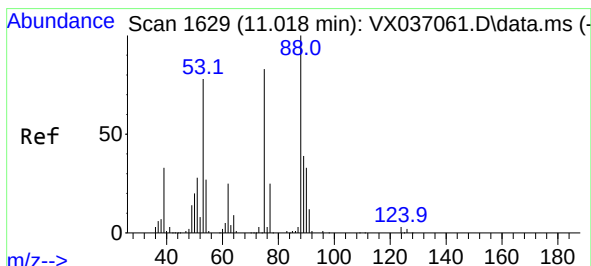
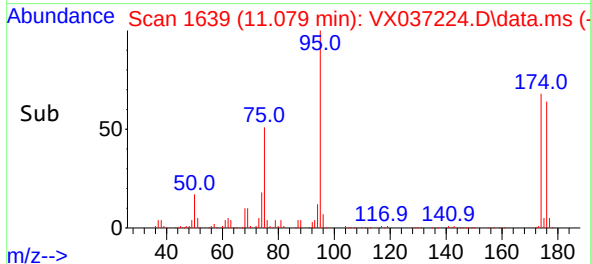
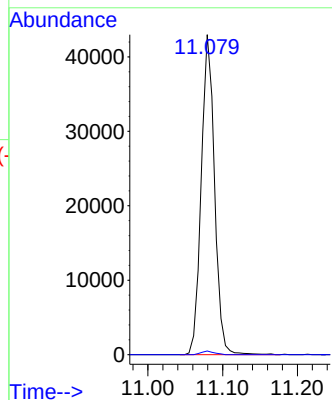
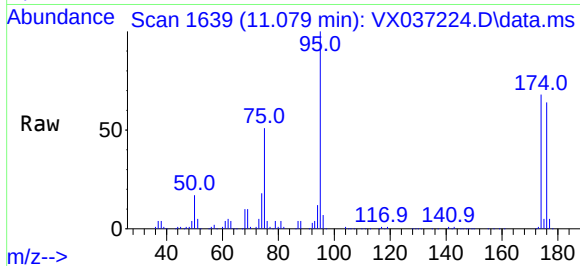




#76
1,2,3-Trichloropropane
Concen: 25.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20230816

Tgt Ion: 75 Resp: 53019
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037224.D
Acq: 24 Aug 2023 18:19

Tgt Ion: 75 Resp: 53019
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

