

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037418.D
 Acq On : 31 Aug 2023 09:51
 Operator : JC/MD
 Sample : 04128-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D3-20230822

Quant Time: Aug 31 18:23:30 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)

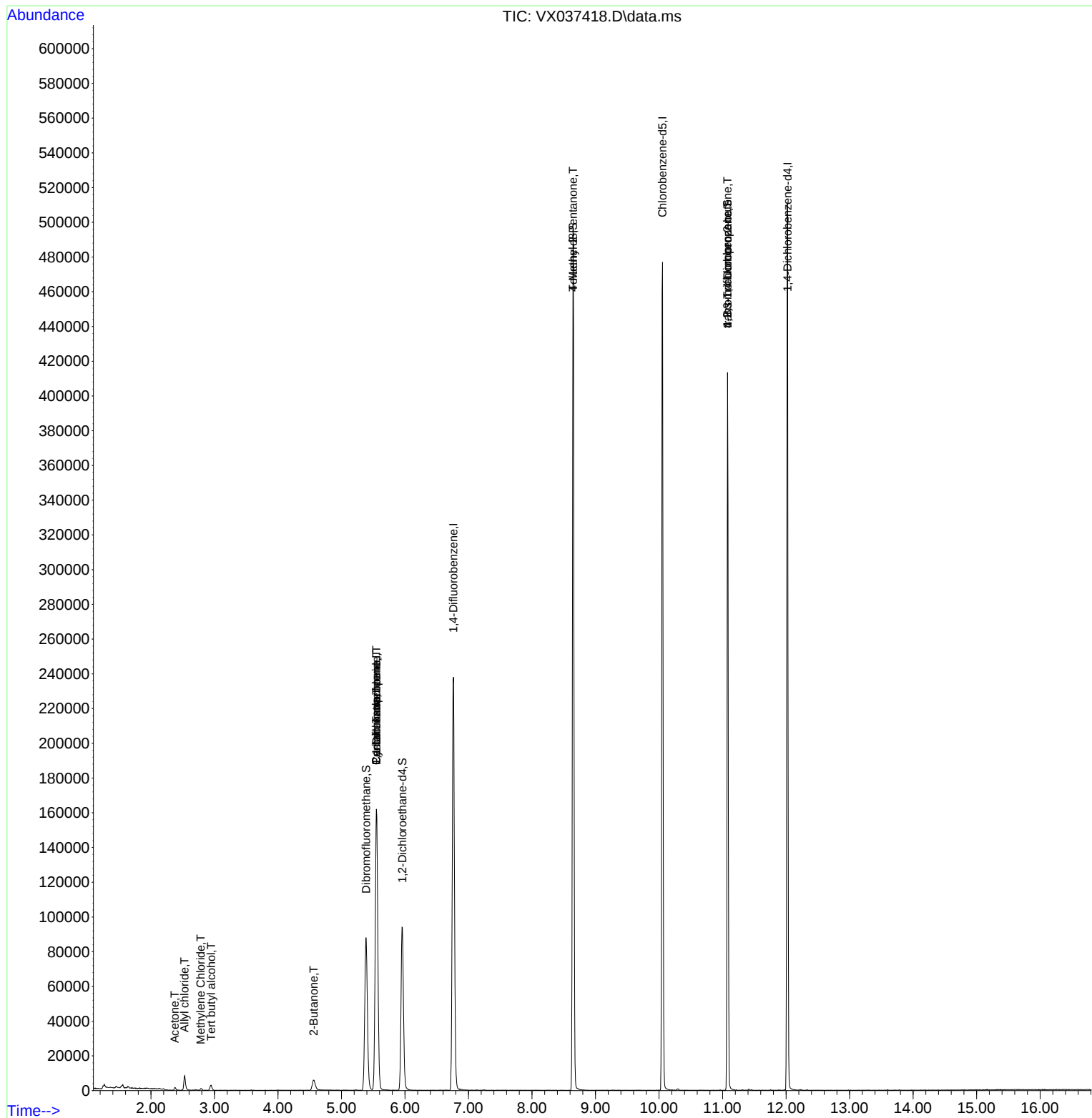
Internal Standards						
1) Pentafluorobenzene	5.550	168	154168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95326	42.889	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.780%
35) Dibromofluoromethane	5.385	113	79145	46.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.647	98	300736	49.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	112273	46.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1848	3.544	ug/l #	78
14) Allyl chloride	2.526	41	860	0.350	ug/l #	84
16) Acetone	2.374	43	1857	2.136	ug/l #	88
20) Methylene Chloride	2.782	84	567	0.292	ug/l #	63
25) 2-Butanone	4.562	43	275	0.210	ug/l #	51
31) Cyclohexane	5.550	56	2952	1.181	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12061	5.024	ug/l #	52
38) Carbon Tetrachloride	5.550	117	16023	6.144	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1111	0.470	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55252	23.527	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55252	65.711	ug/l #	5

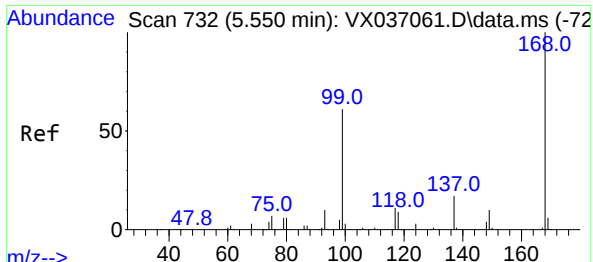
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
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RW9-MW01D3-20230822

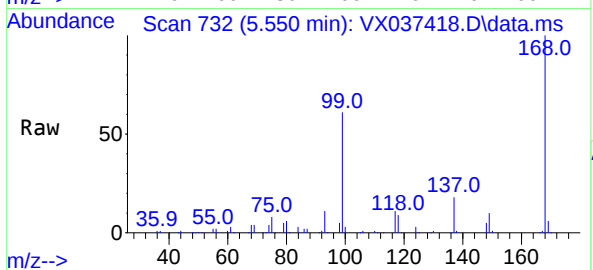
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



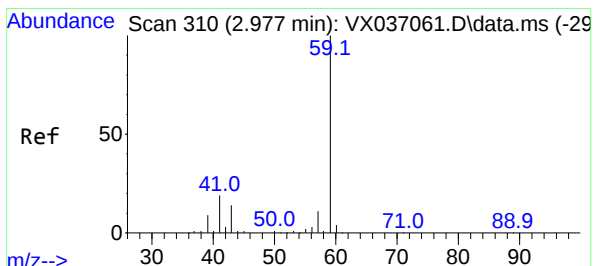
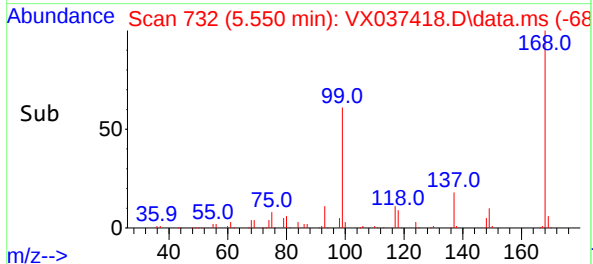
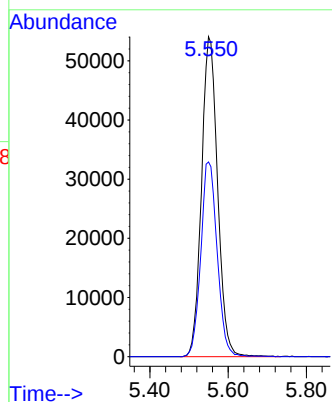


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

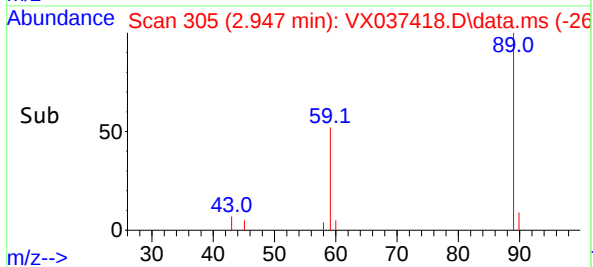
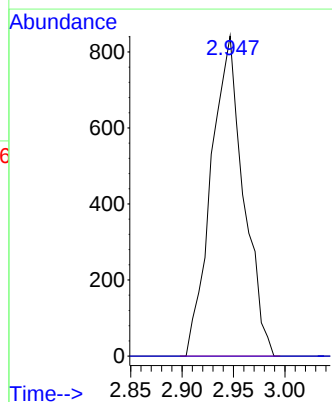
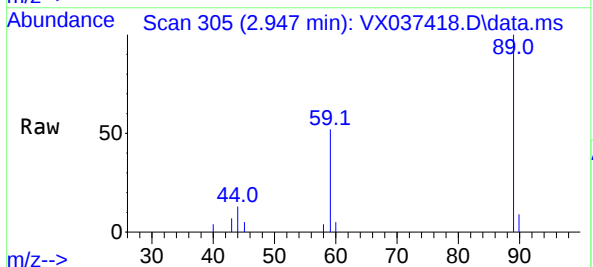


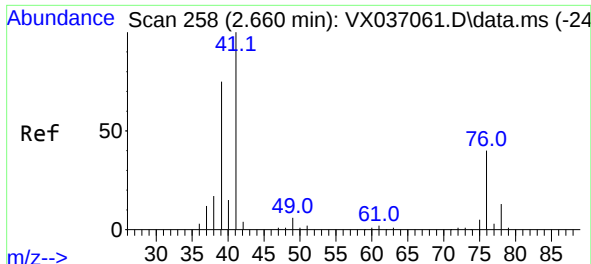
Tgt Ion:168 Resp: 154168
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.544 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 59 Resp: 1848
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

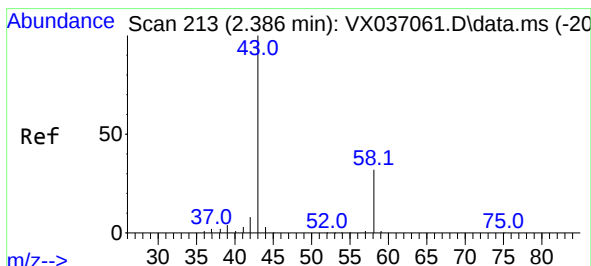
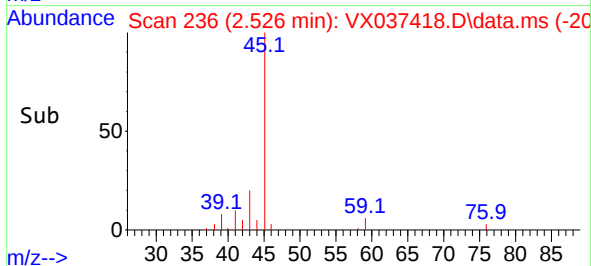
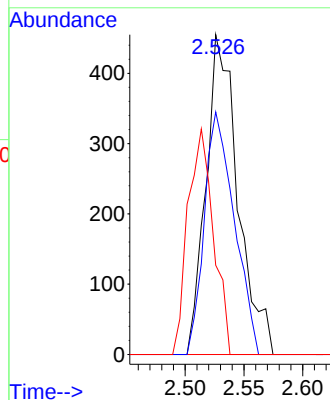
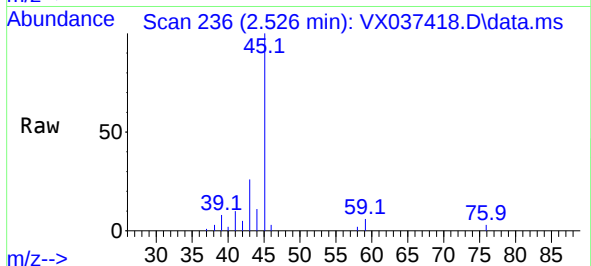




#14
 Allyl chloride
 Concen: 0.350 ug/l
 RT: 2.526 min Scan# 211
 Delta R.T. -0.134 min
 Lab File: VX037418.D
 Acq: 31 Aug 2023 09:51

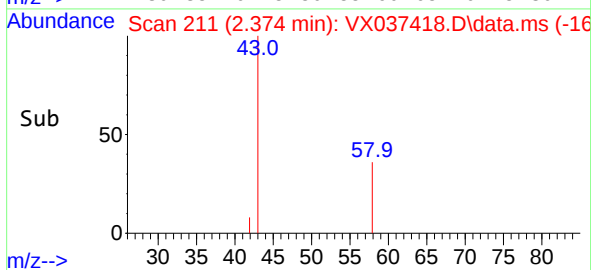
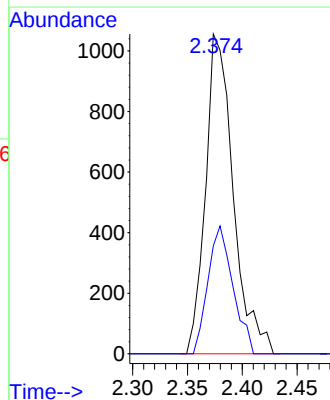
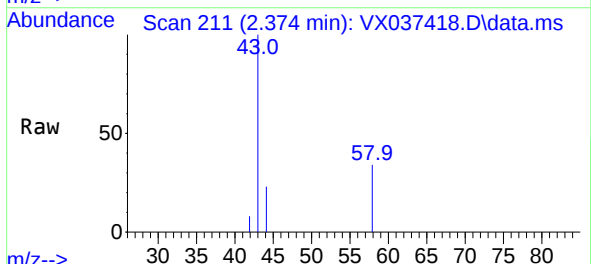
Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D3-20230822

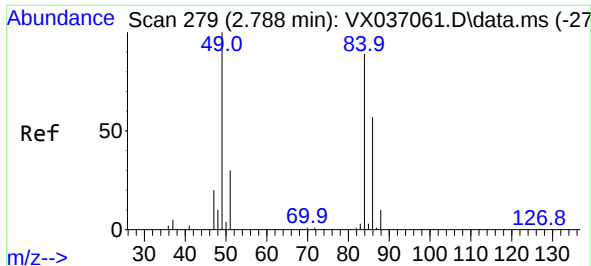
Tgt Ion: 41	Resp: 860
Ion Ratio	Lower Upper
41	100
39	71.2 55.8 83.6
76	56.2 24.3 36.5#



#16
 Acetone
 Concen: 2.136 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: VX037418.D
 Acq: 31 Aug 2023 09:51

Tgt Ion: 43	Resp: 1857
Ion Ratio	Lower Upper
43	100
58	33.8 21.9 32.9#

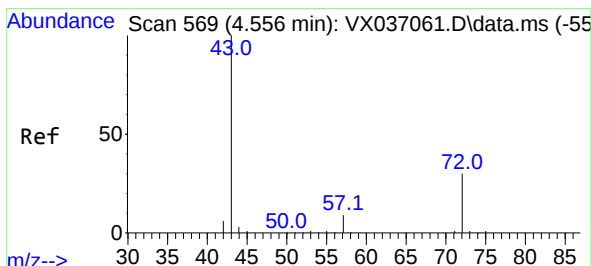
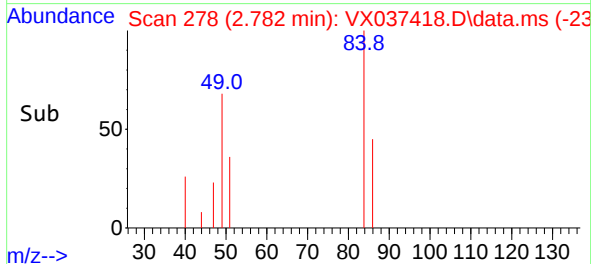
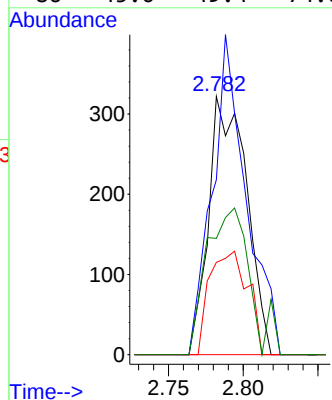
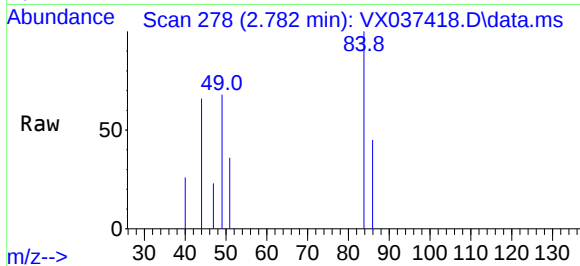




#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

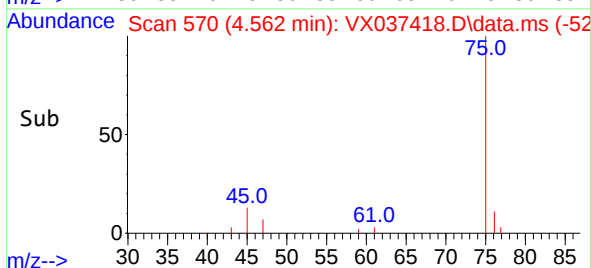
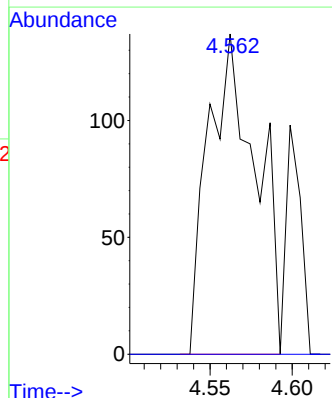
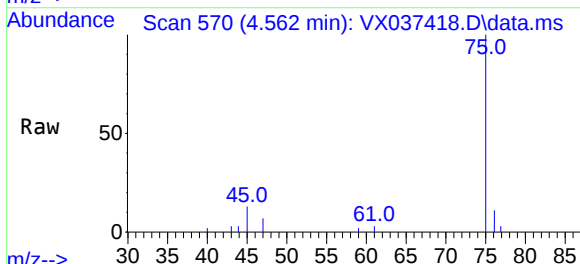
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

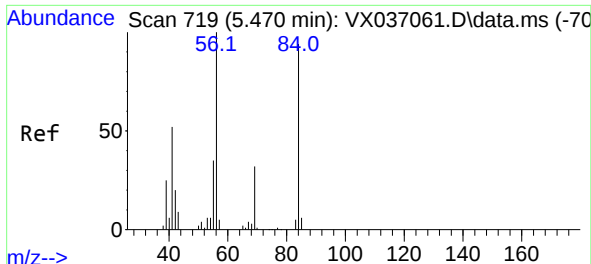
Tgt Ion: 84 Resp: 567
Ion Ratio Lower Upper
84 100
49 67.7 103.6 155.4#
51 35.7 33.8 50.6
86 45.0 49.4 74.0#



#25
2-Butanone
Concen: 0.210 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

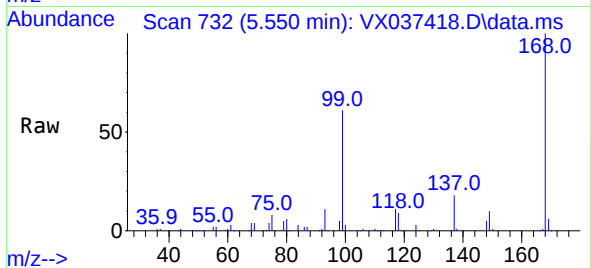
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



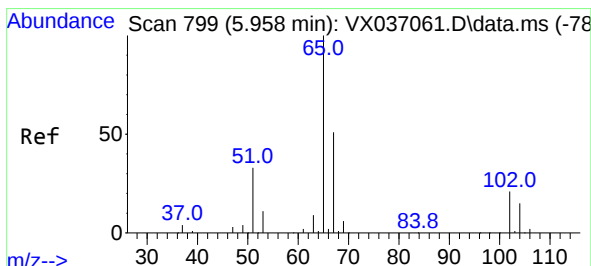
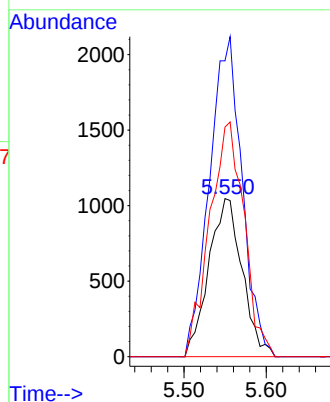
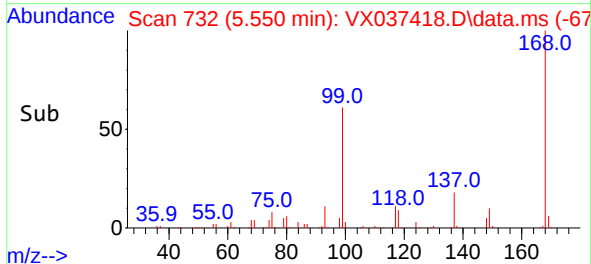


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

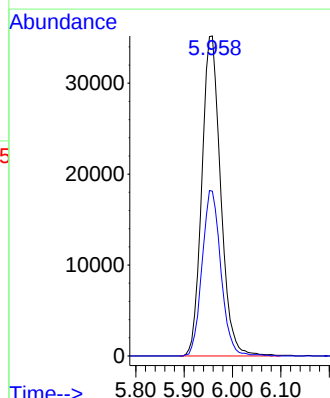
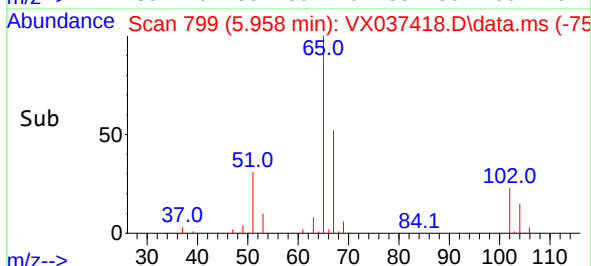
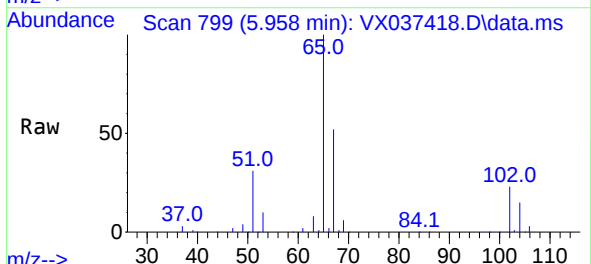


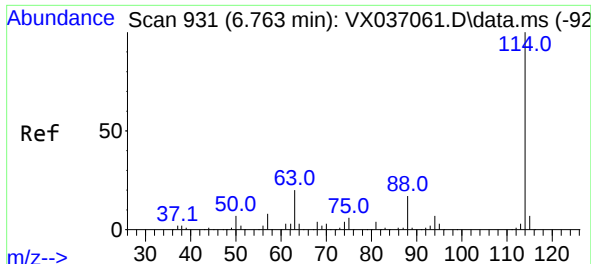
Tgt Ion: 56 Resp: 2952
Ion Ratio Lower Upper
56 100
69 187.1 23.4 35.2#
84 145.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.889 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 65 Resp: 95326
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX037418.D

Acq: 31 Aug 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D3-20230822

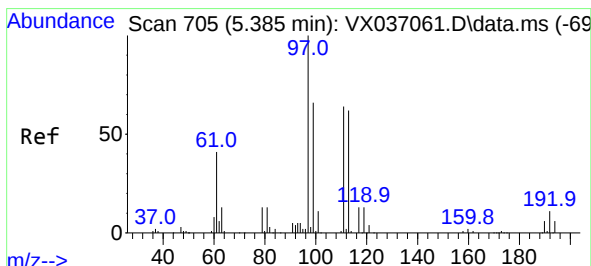
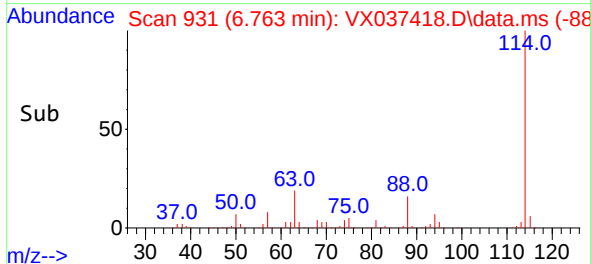
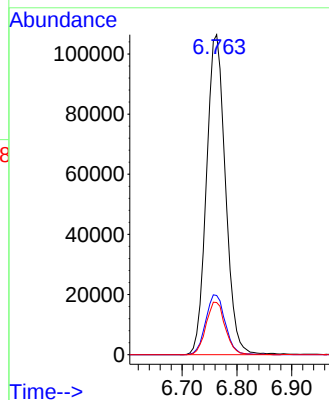
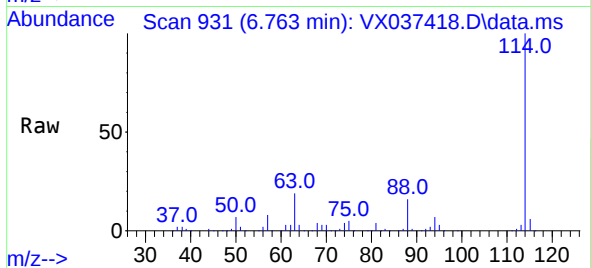
Tgt Ion:114 Resp: 255138

Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 16.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.839 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037418.D

Acq: 31 Aug 2023 09:51

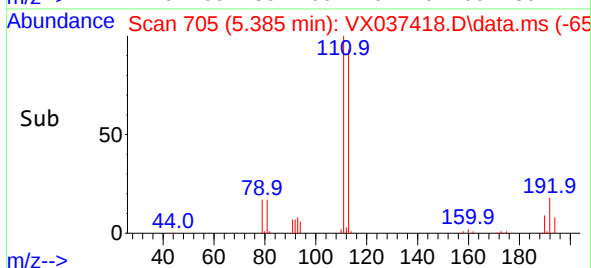
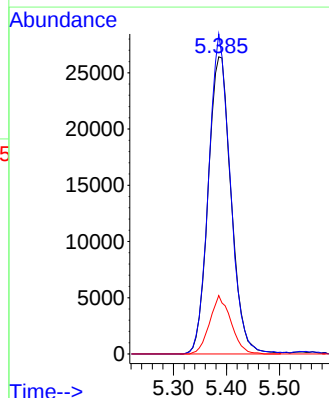
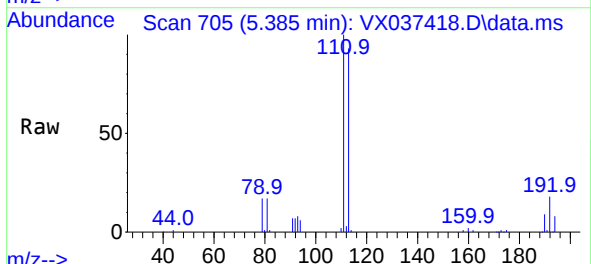
Tgt Ion:113 Resp: 79145

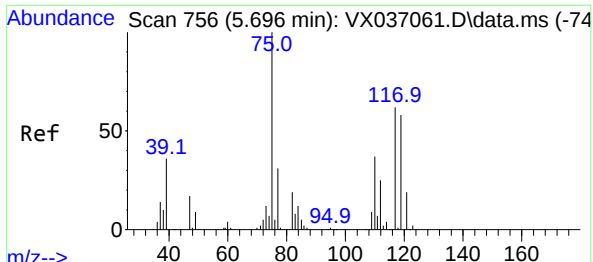
Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 18.3 13.3 19.9

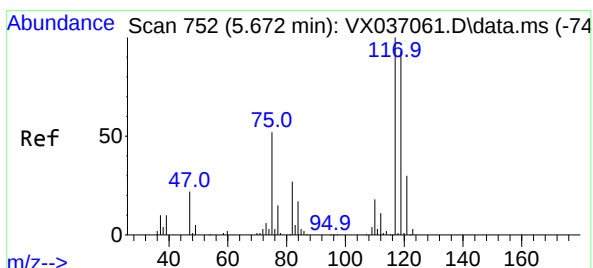
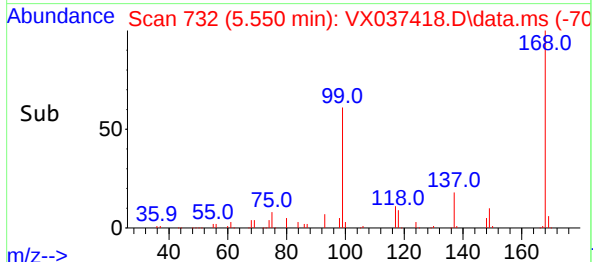
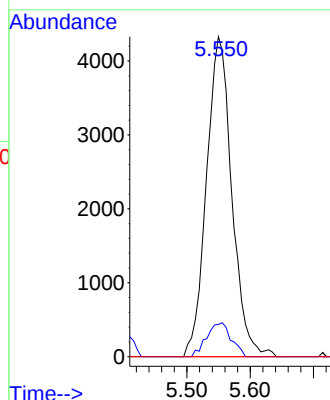
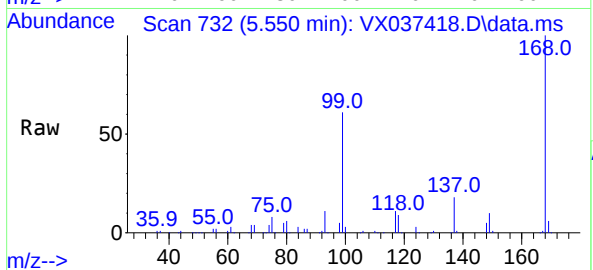




#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

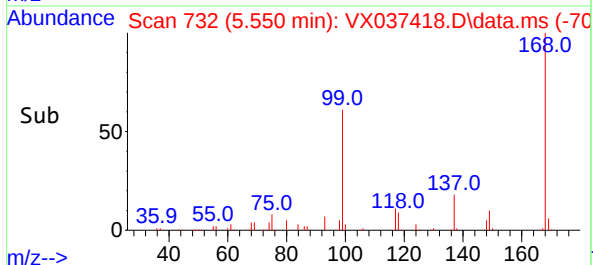
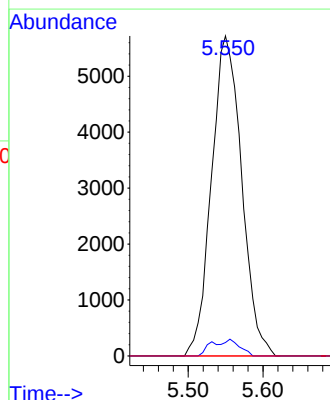
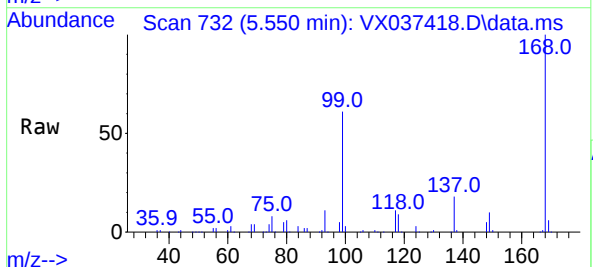
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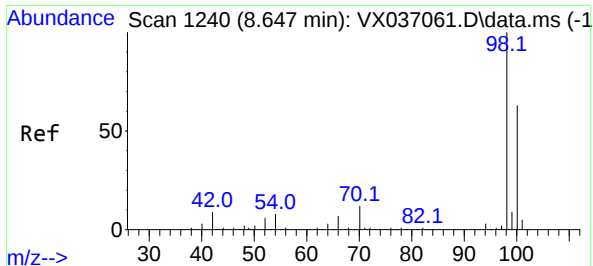
Tgt Ion: 75	Resp: 12061
Ion Ratio	Lower Upper
75 100	
110 10.2	17.0 50.9#
77 0.0	24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.144 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 117	Resp: 16023
Ion Ratio	Lower Upper
117 100	
119 4.2	78.2 117.2#
121 0.0	24.4 36.6#

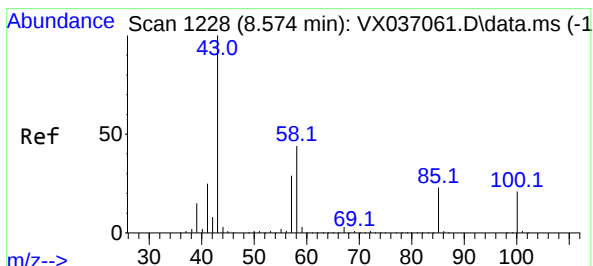
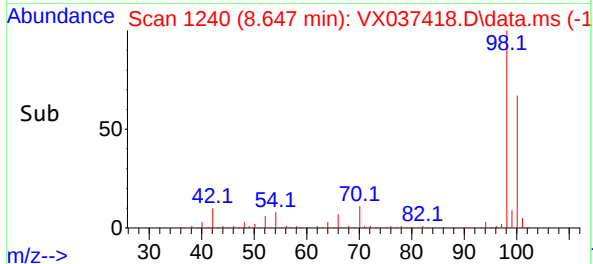
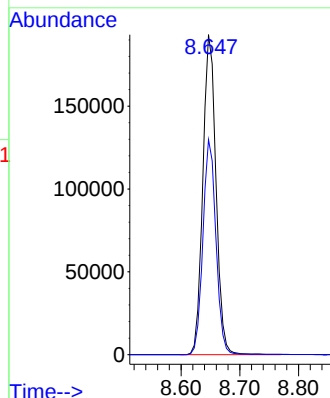
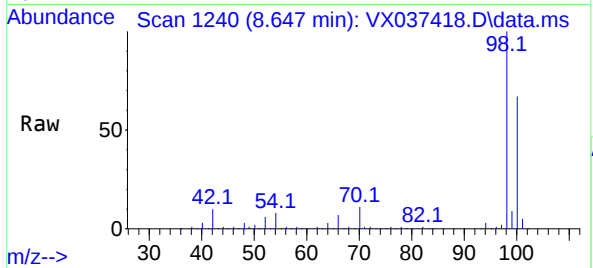




#50
Toluene-d8
Concen: 49.066 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

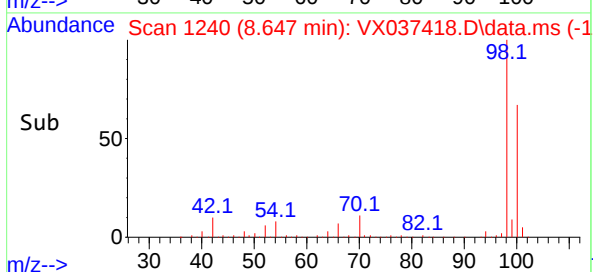
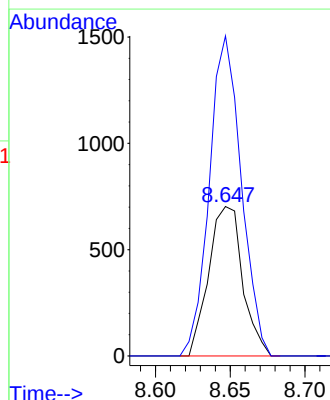
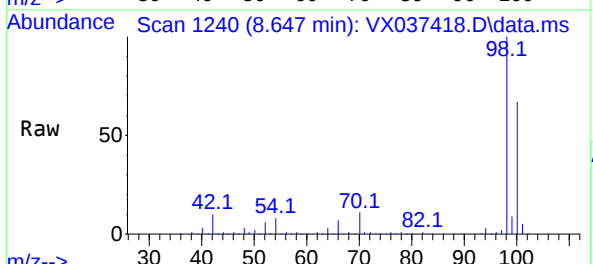
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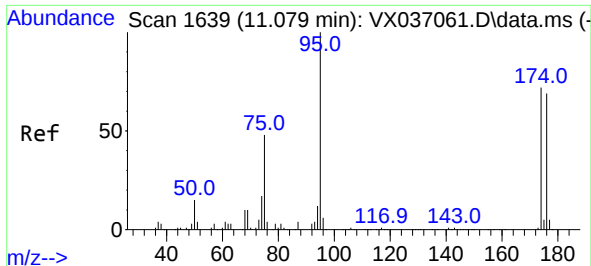
Tgt Ion: 98 Resp: 300736
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 201.4 30.4 45.6#

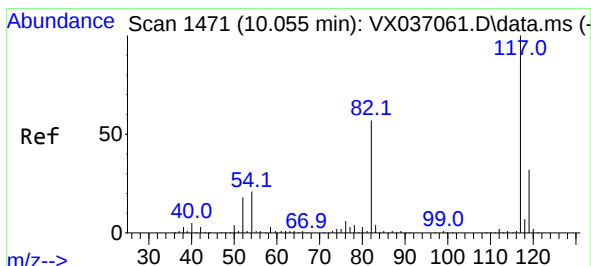
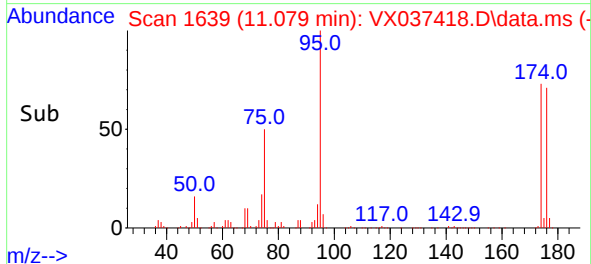
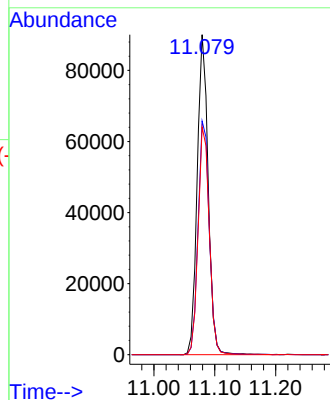
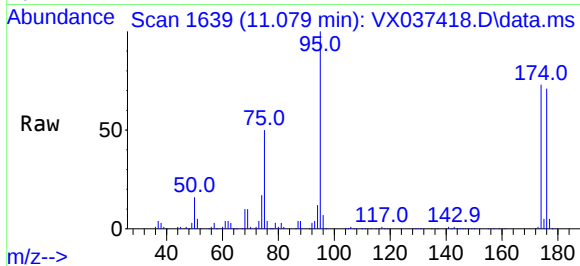




#62
4-Bromofluorobenzene
Concen: 46.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

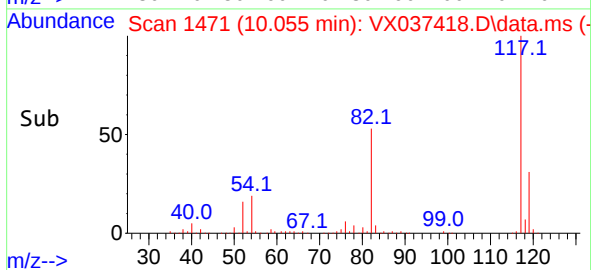
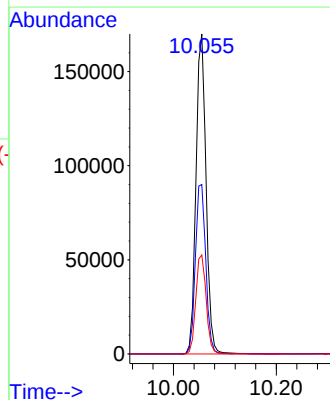
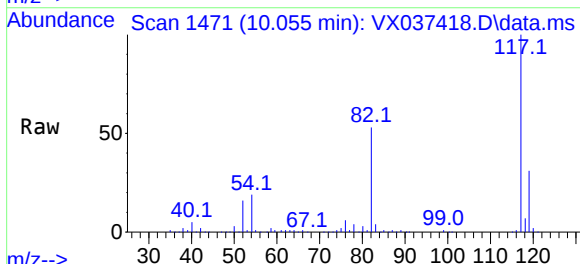
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

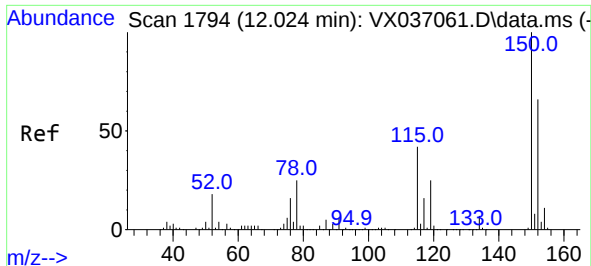
Tgt Ion: 95 Resp: 112273
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 117 Resp: 231829
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 31.0 25.5 38.3

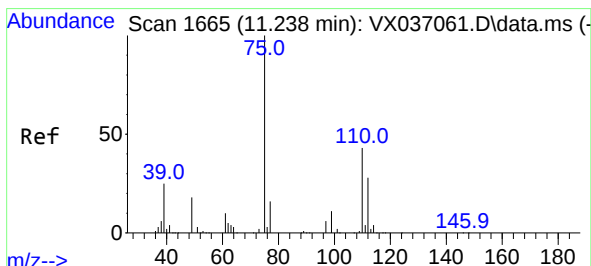
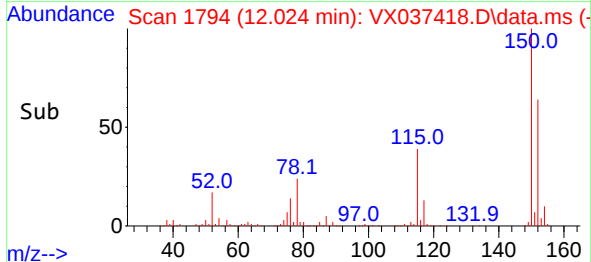
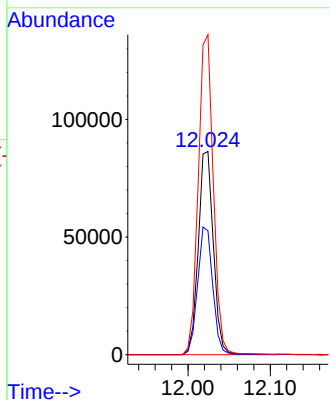
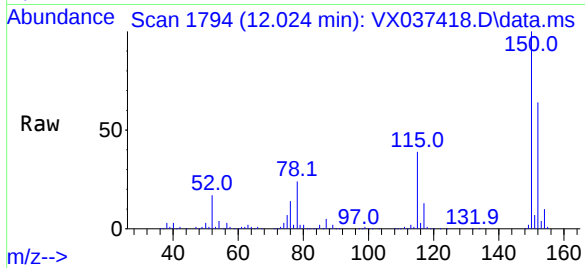




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

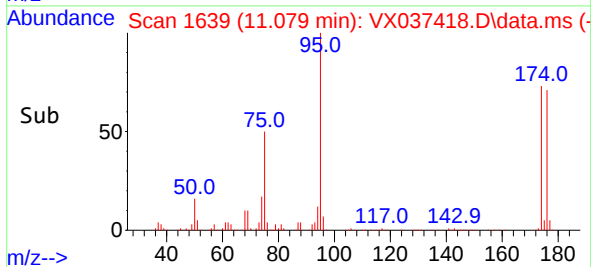
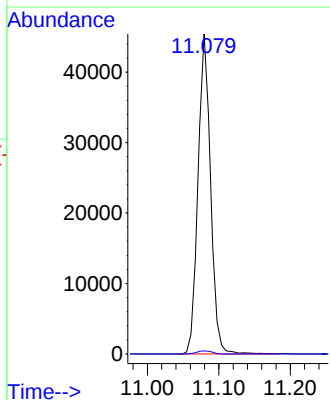
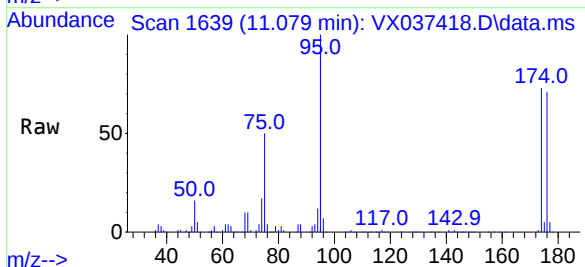
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

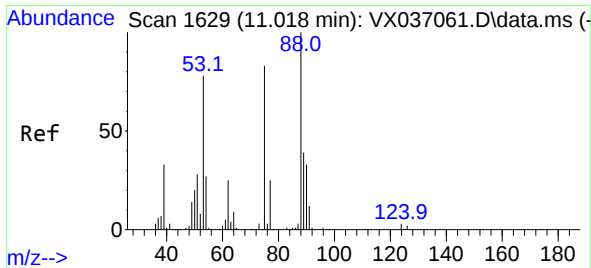
Tgt Ion:152 Resp: 110274
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 157.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 75 Resp: 55252
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.711 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

Tgt Ion: 75 Resp: 55252
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

