

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037226.D
 Acq On : 24 Aug 2023 19:07
 Operator : JC/MD
 Sample : 04051-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20230816

Quant Time: Aug 24 23:40:39 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)

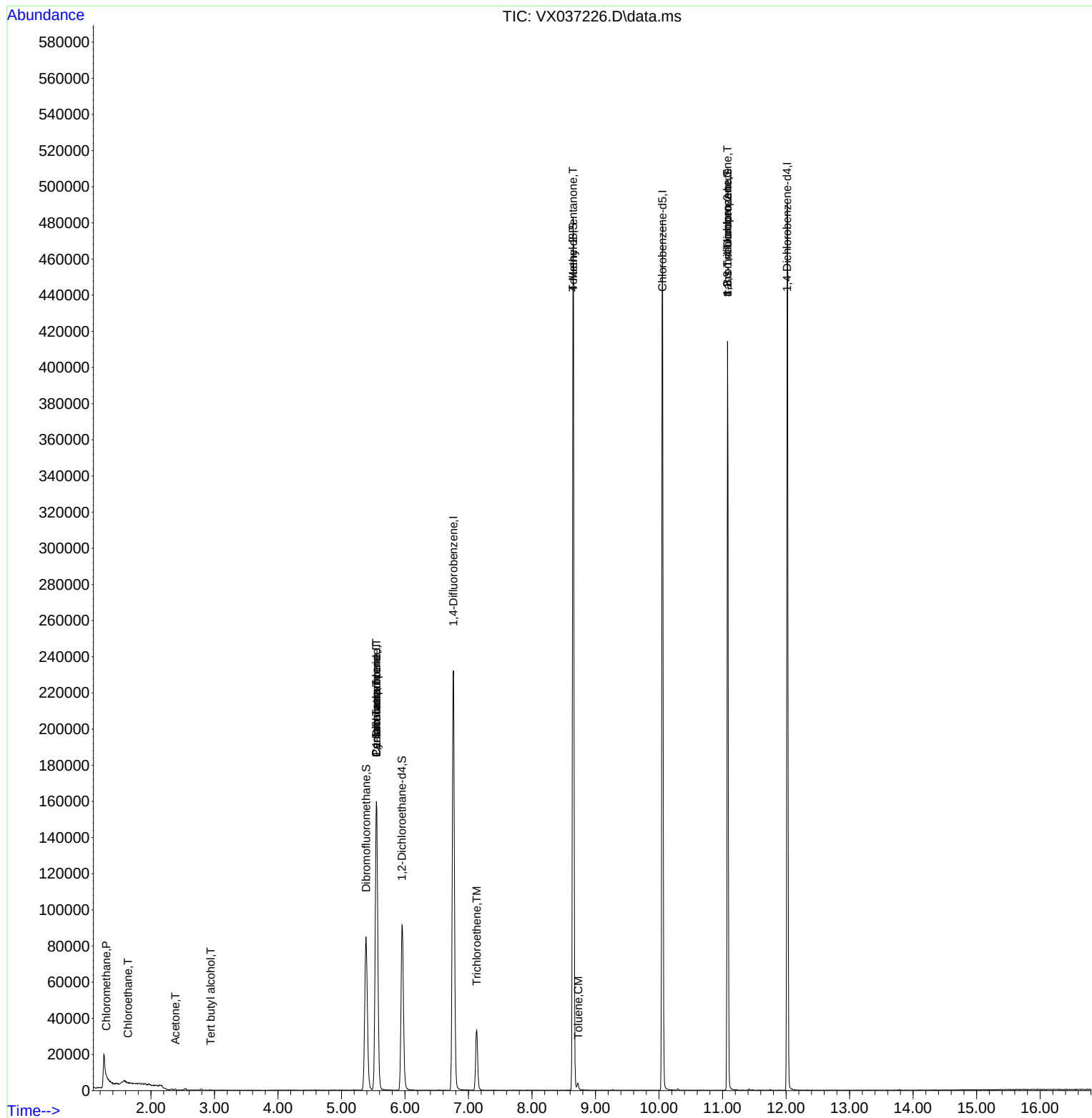
Internal Standards						
1) Pentafluorobenzene	5.550	168	147858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94085	44.137	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.280%		
35) Dibromofluoromethane	5.385	113	75271	46.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.480%		
50) Toluene-d8	8.647	98	286905	49.112	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.220%		
62) 4-Bromofluorobenzene	11.079	95	109918	47.878	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.760%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	503	0.335	ug/l #	43
6) Chloroethane	1.636	64	393	0.408	ug/l #	71
11) Tert butyl alcohol	2.940	59	173	0.346	ug/l #	78
16) Acetone	2.386	43	581	0.697	ug/l	92
31) Cyclohexane	5.550	56	2981	1.244	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11706	5.116	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15976	6.428	ug/l #	14
44) Trichloroethene	7.129	130	14073	7.563	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	1030	0.457	ug/l #	1
52) Toluene	8.726	92	1623	0.374	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	56527	25.814	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56527	72.101	ug/l #	5

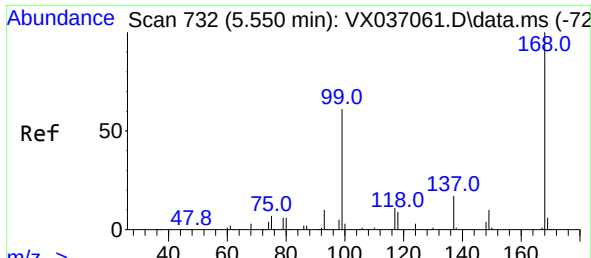
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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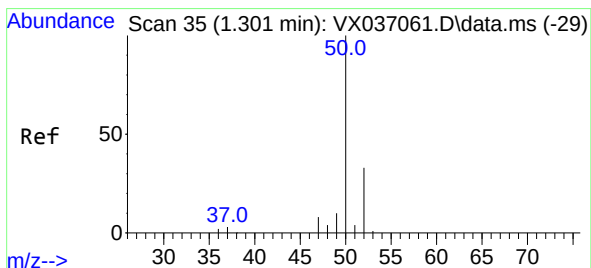
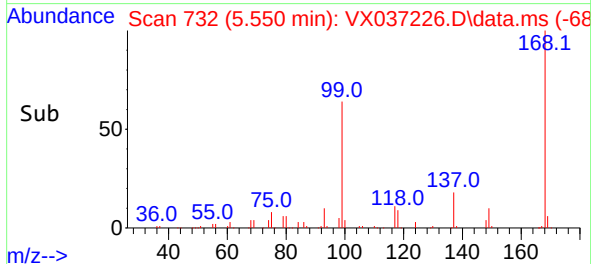
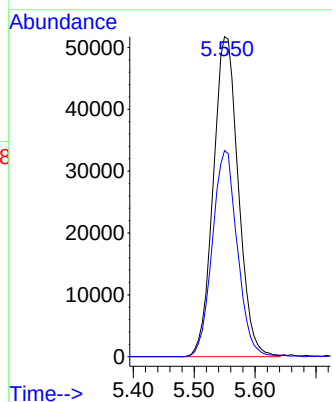
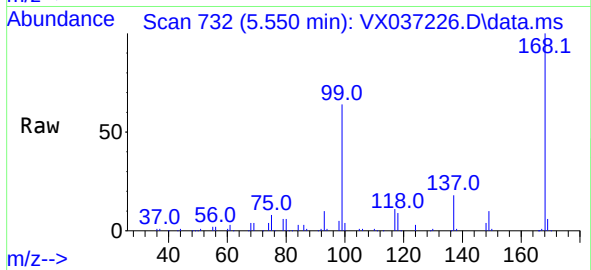




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

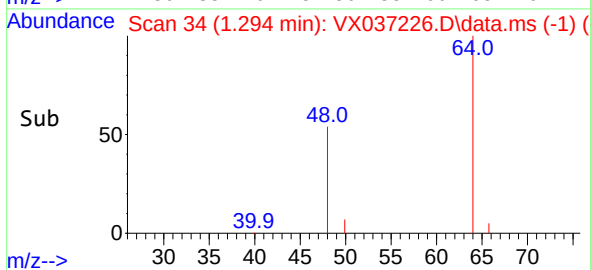
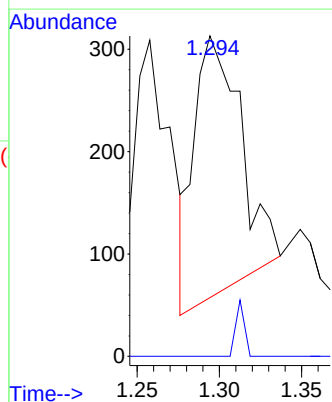
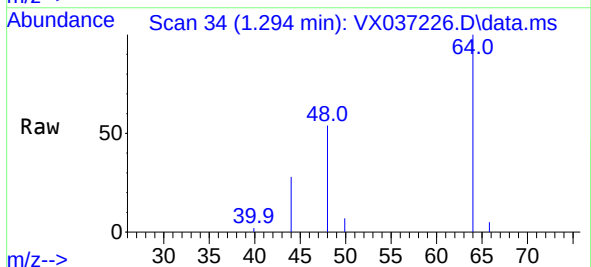
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230816

Tgt Ion:168 Resp: 147858
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0

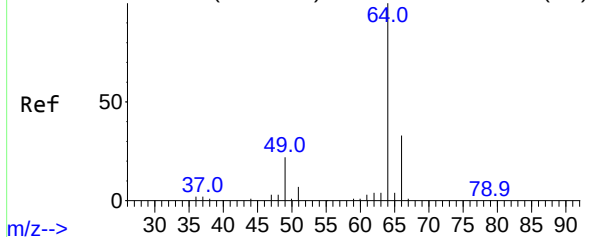


#3
Chloromethane
Concen: 0.335 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



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

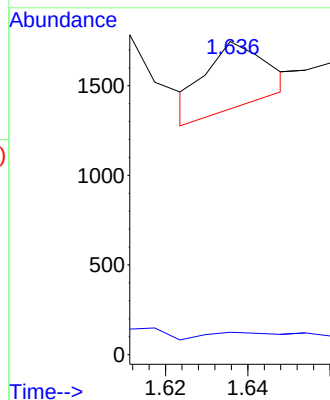
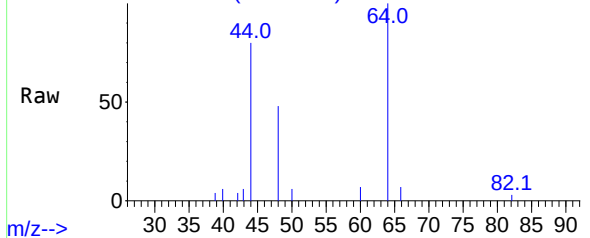


#6
Chloroethane
Concen: 0.408 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.036 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

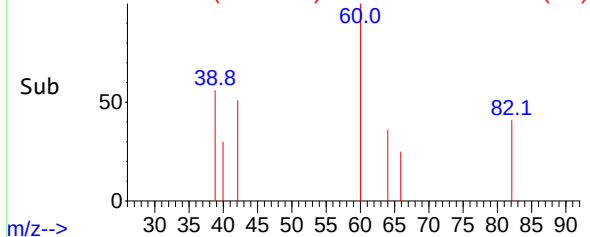
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230816

Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 15.2 25.1 37.7#

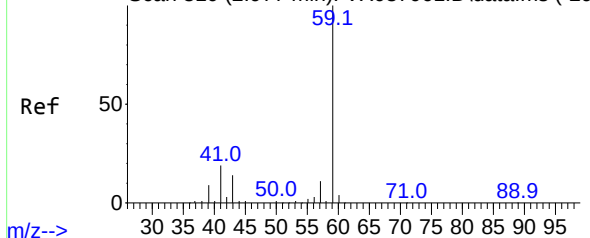
Abundance Scan 90 (1.636 min): VX037226.D\data.ms



Abundance Scan 90 (1.636 min): VX037226.D\data.ms (-47)



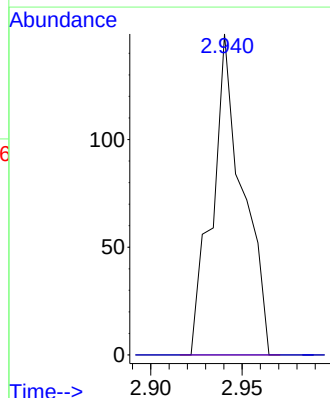
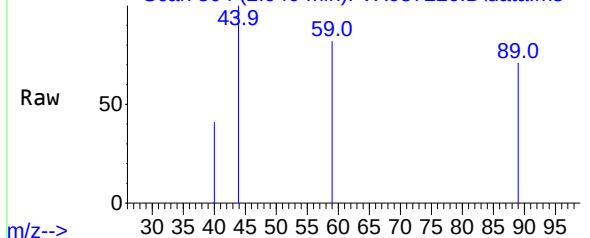
Abundance Scan 310 (2.977 min): VX037061.D\data.ms (-29)



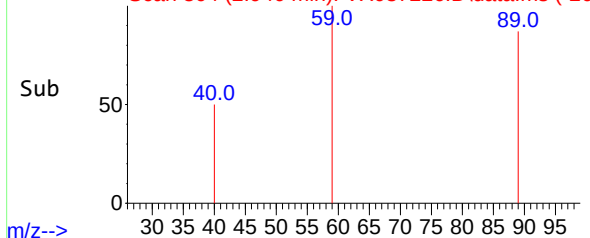
#11
Tert butyl alcohol
Concen: 0.346 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

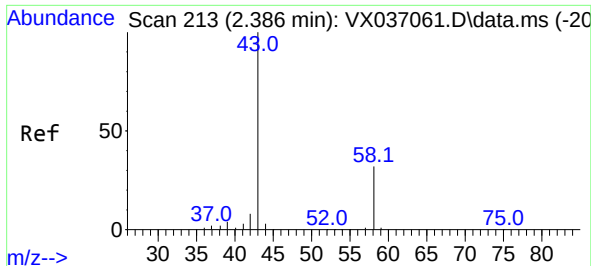
Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

Abundance Scan 304 (2.940 min): VX037226.D\data.ms



Abundance Scan 304 (2.940 min): VX037226.D\data.ms (-26)

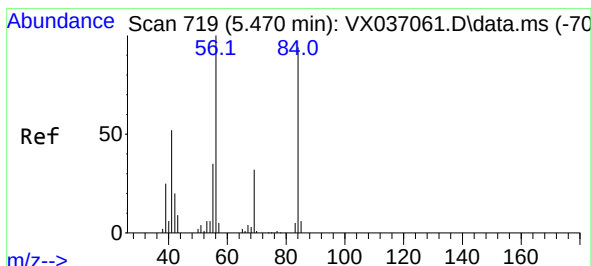
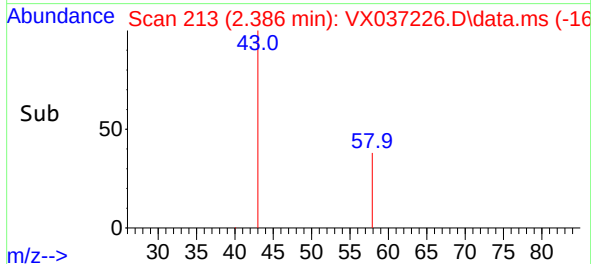
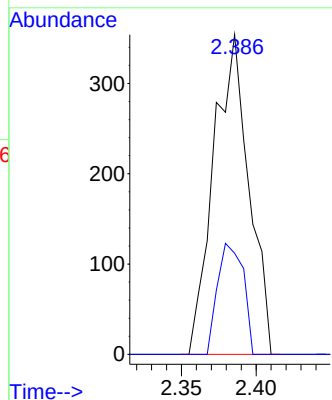
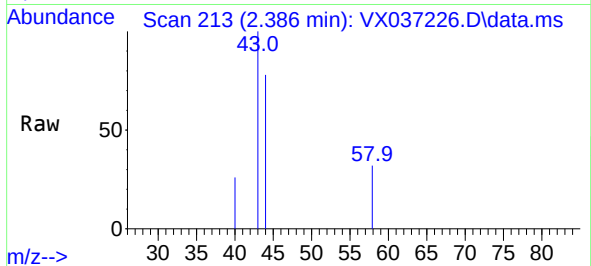




#16
Acetone
Concen: 0.697 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

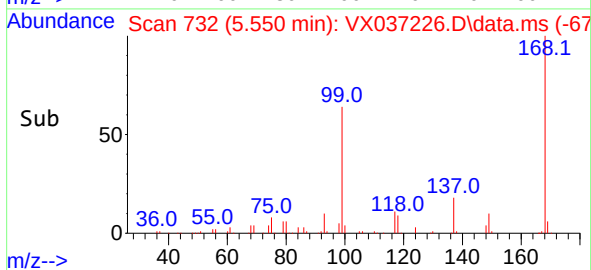
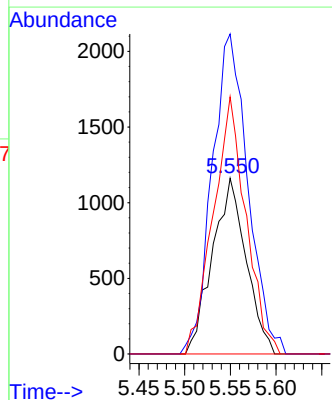
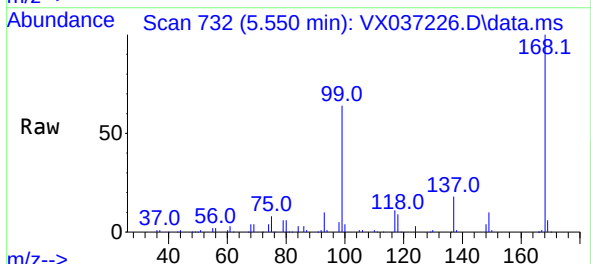
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230816

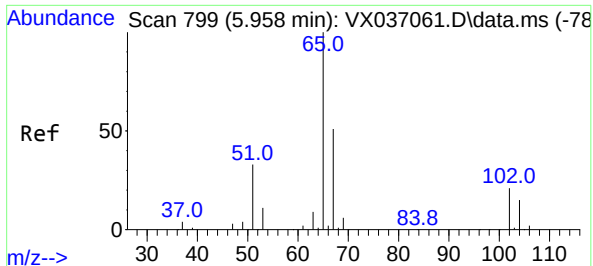
Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

Tgt Ion: 56 Resp: 2981
Ion Ratio Lower Upper
56 100
69 182.2 23.4 35.2#
84 146.3 65.9 98.9#

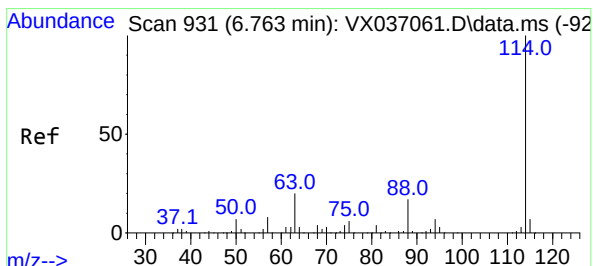
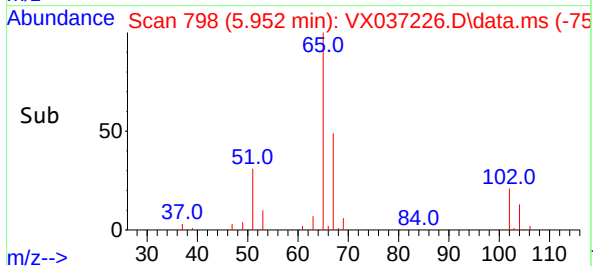
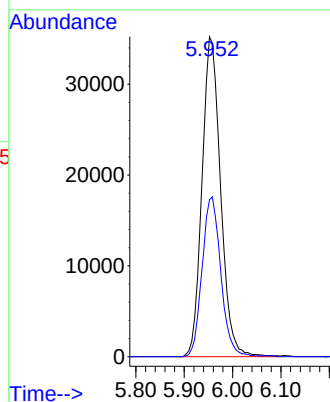
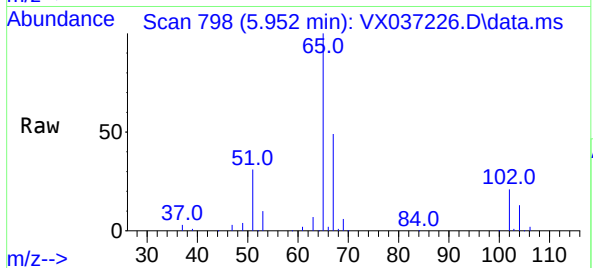




#33
1,2-Dichloroethane-d4
Concen: 44.137 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

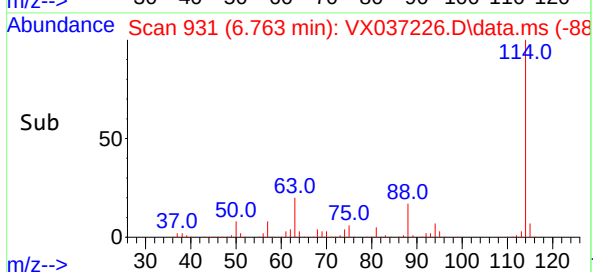
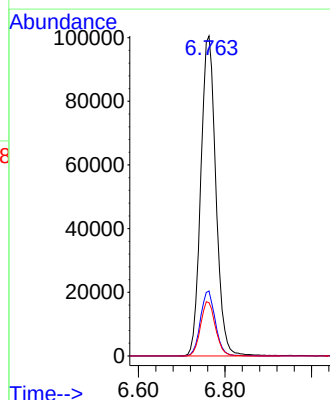
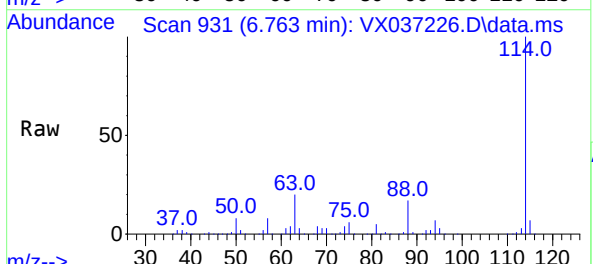
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230816

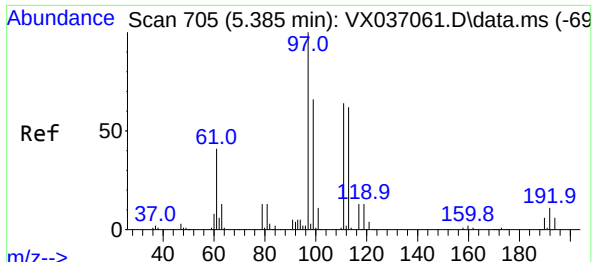
Tgt Ion: 65 Resp: 94085
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

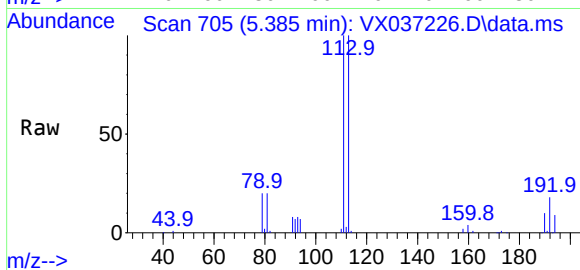
Tgt Ion:114 Resp: 243177
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.7 0.0 36.6



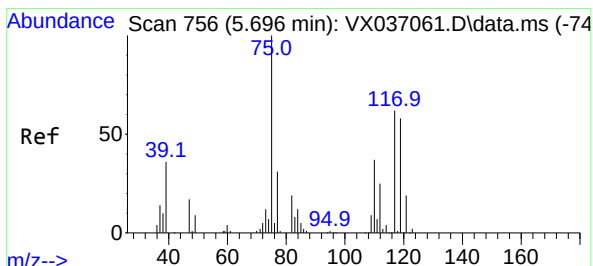
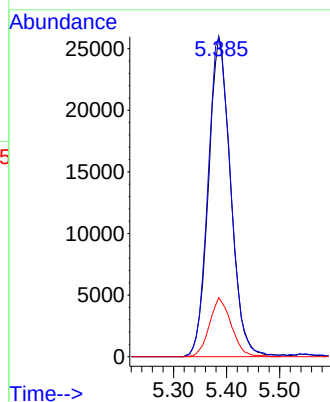
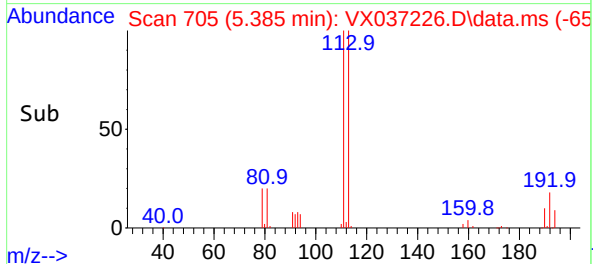


#35
Dibromofluoromethane
Concen: 46.738 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

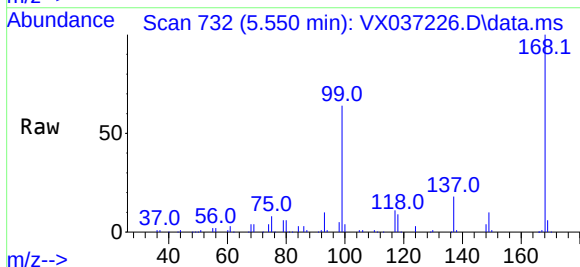
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230816



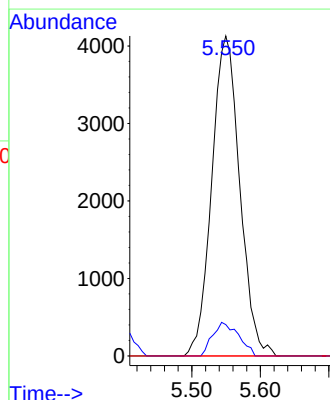
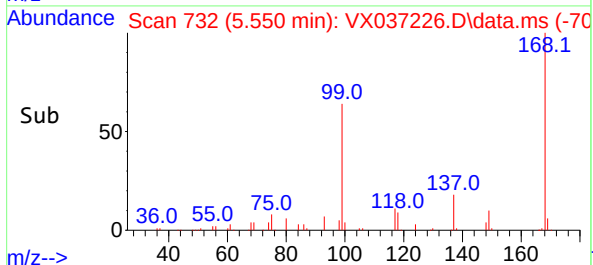
Tgt Ion:113 Resp: 75271
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.2 13.3 19.9

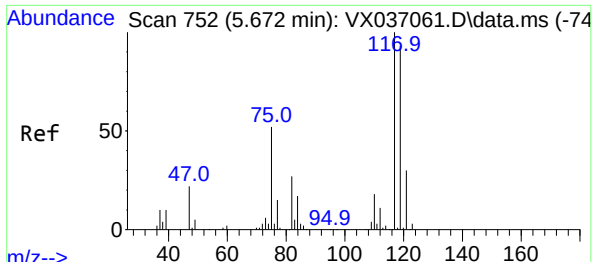


#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07



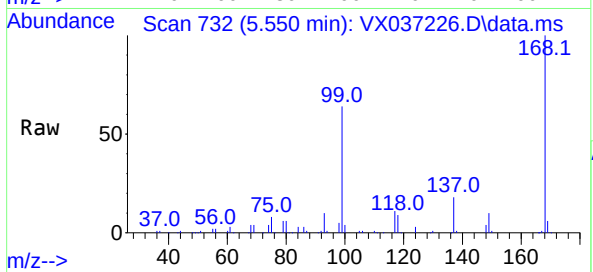
Tgt Ion: 75 Resp: 11706
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



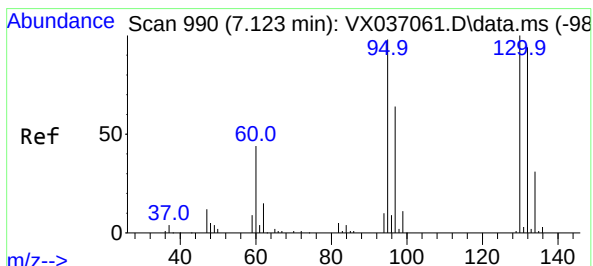
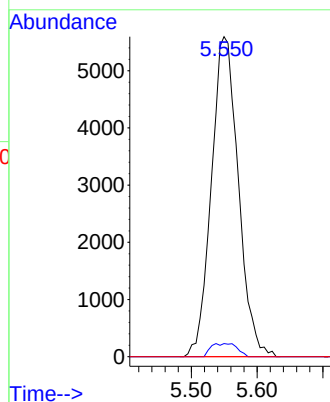
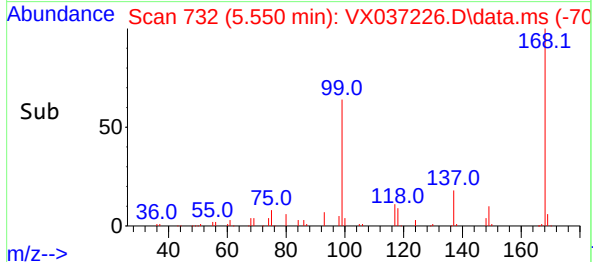


#38
Carbon Tetrachloride
Concen: 6.428 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

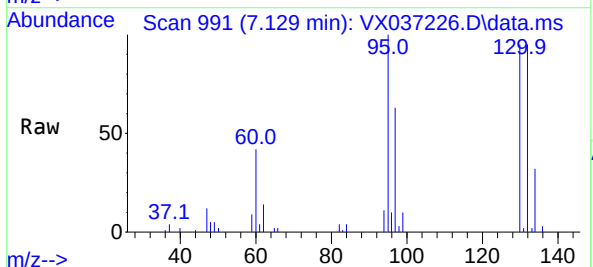
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RE120D3-20230816



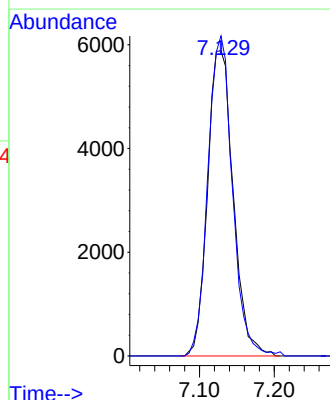
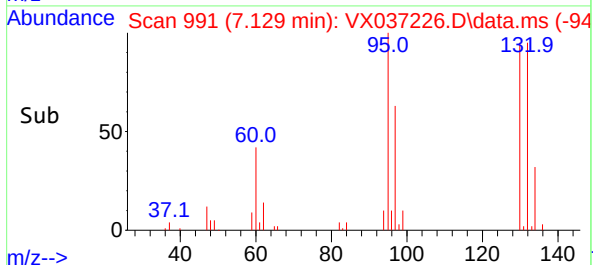
Tgt Ion:117 Resp: 15976
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

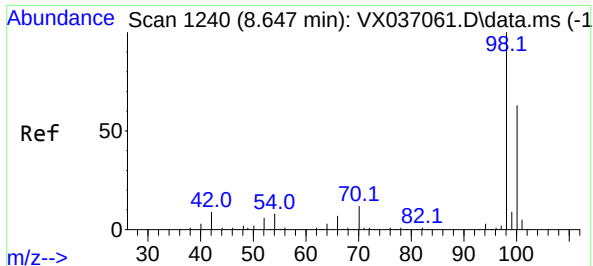


#44
Trichloroethene
Concen: 7.563 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07



Tgt Ion:130 Resp: 14073
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.4

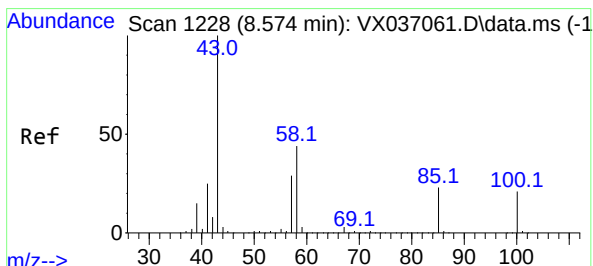
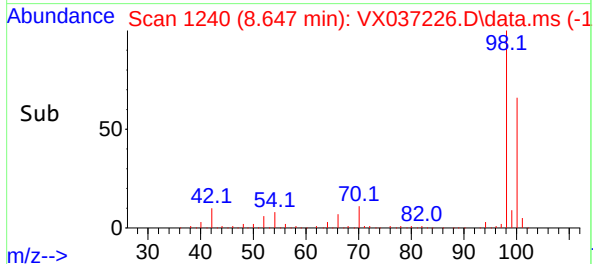
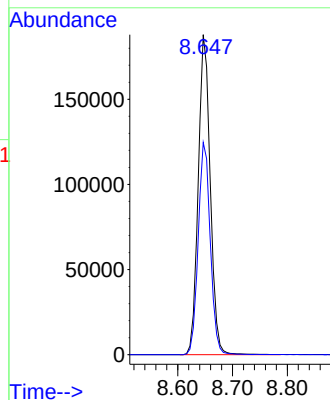
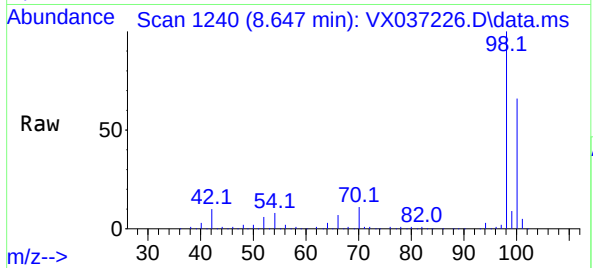




#50
Toluene-d8
Concen: 49.112 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

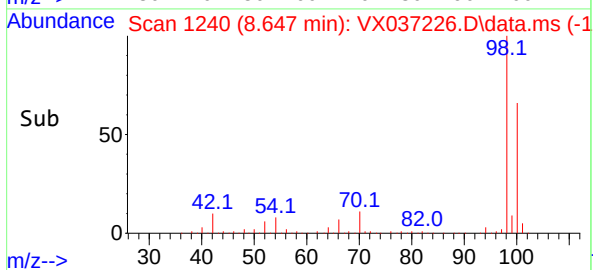
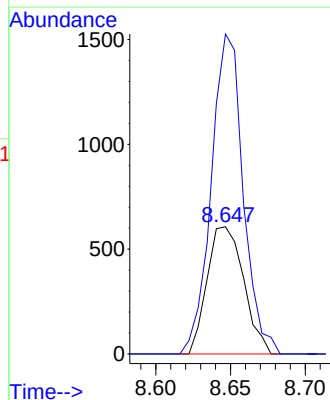
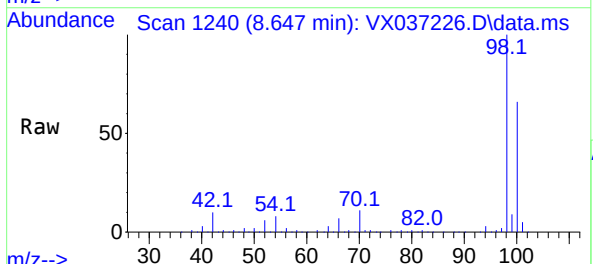
Instrument :
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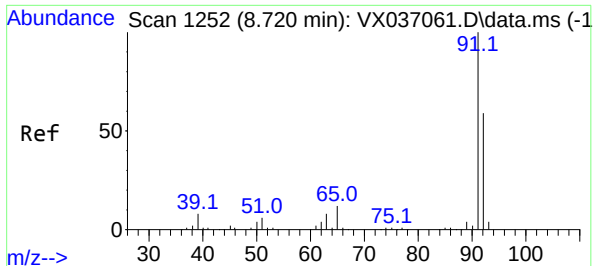
Tgt Ion: 98 Resp: 286905
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.457 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
58 220.1 30.4 45.6#





#52

Toluene

Concen: 0.374 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037226.D

Acq: 24 Aug 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

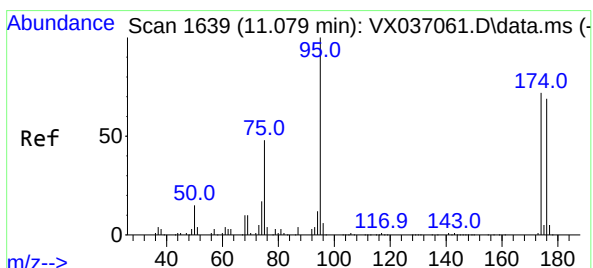
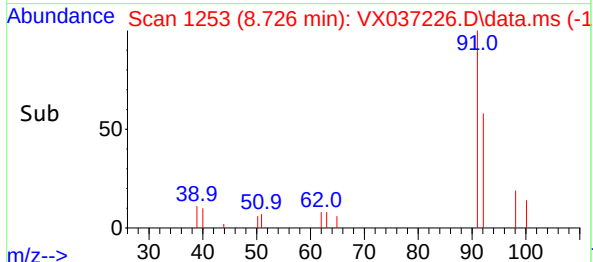
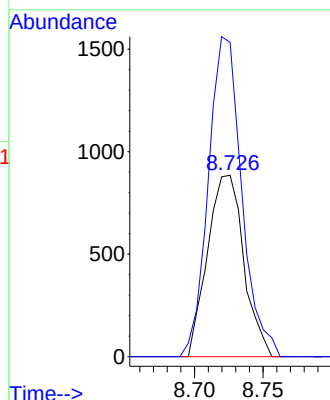
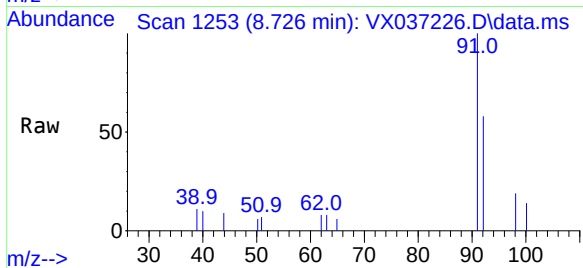
RE120D3-20230816

Tgt Ion: 92 Resp: 1623

Ion Ratio Lower Upper

92 100

91 162.8 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 47.878 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037226.D

Acq: 24 Aug 2023 19:07

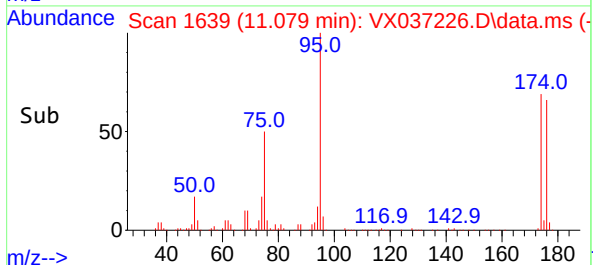
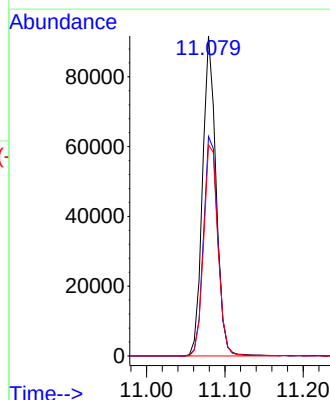
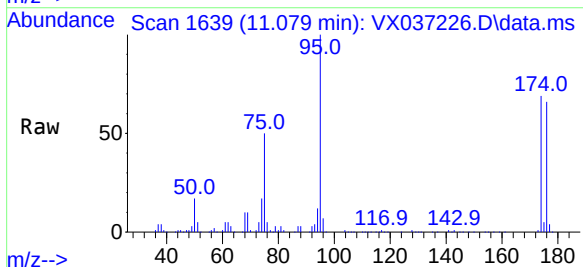
Tgt Ion: 95 Resp: 109918

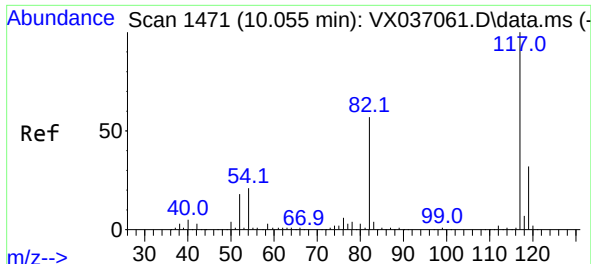
Ion Ratio Lower Upper

95 100

174 72.9 0.0 135.6

176 70.2 0.0 131.0

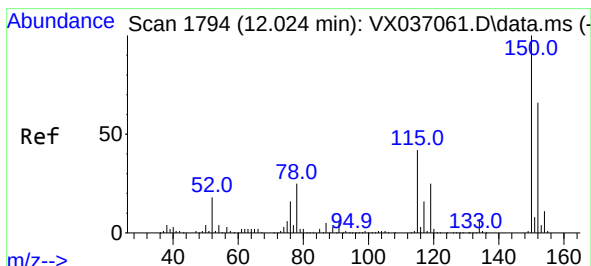
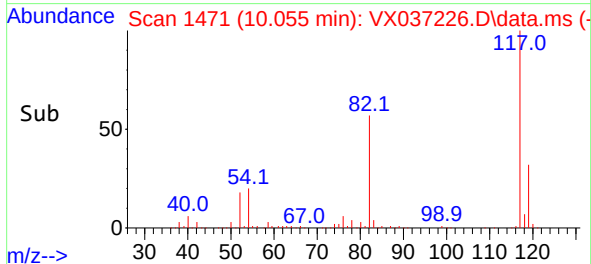
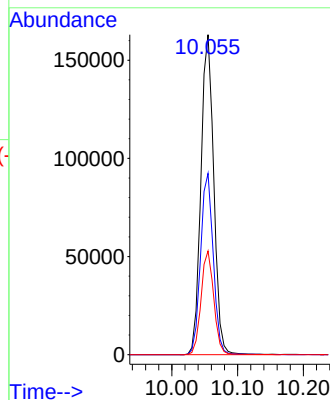
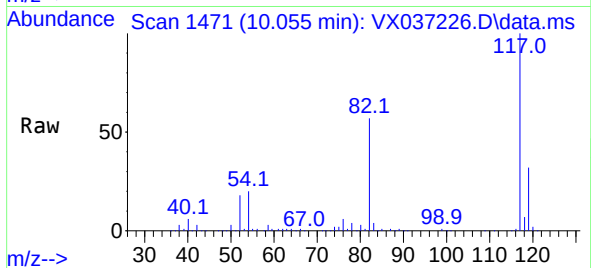




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

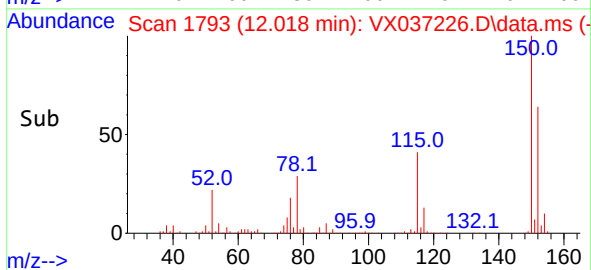
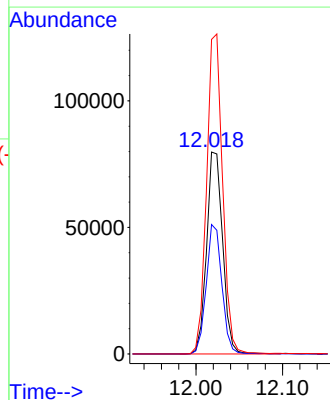
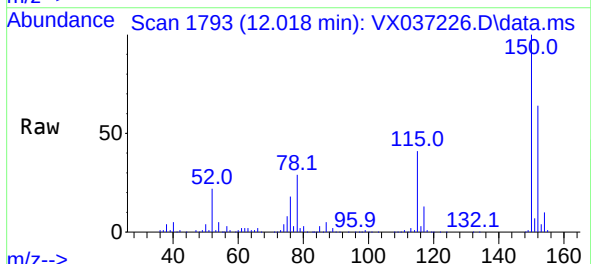
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230816

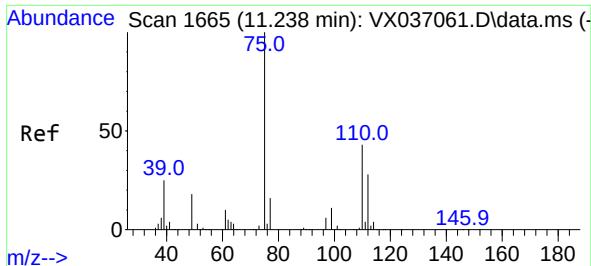
Tgt Ion:117 Resp: 221638
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

Tgt Ion:152 Resp: 102821
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 157.6 0.0 345.0

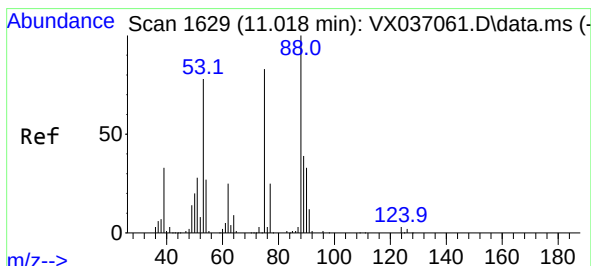
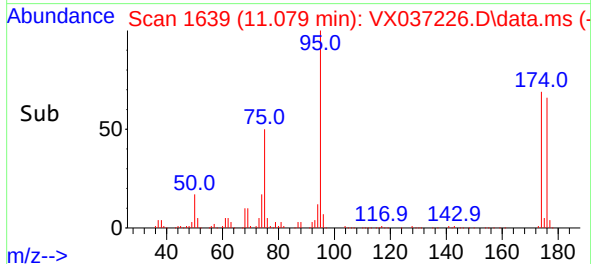
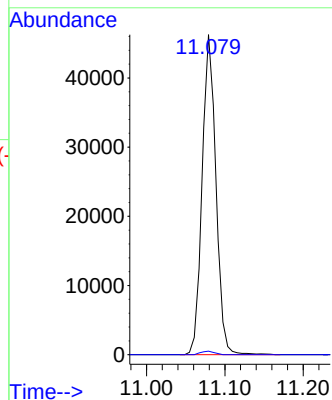
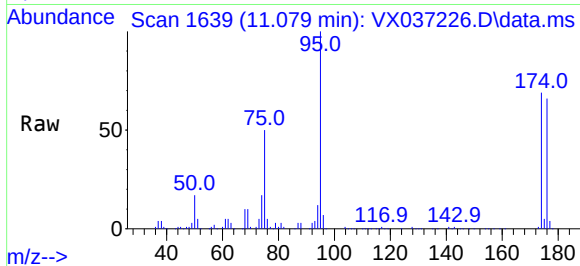




#76
1,2,3-Trichloropropane
Concen: 25.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20230816

Tgt Ion: 75 Resp: 56527
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037226.D
Acq: 24 Aug 2023 19:07

Tgt Ion: 75 Resp: 56527
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

