

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038889.D
 Acq On : 17 Nov 2023 18:34
 Operator : JC/MD
 Sample : 05404-33 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20231110

Quant Time: Nov 17 22:54:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

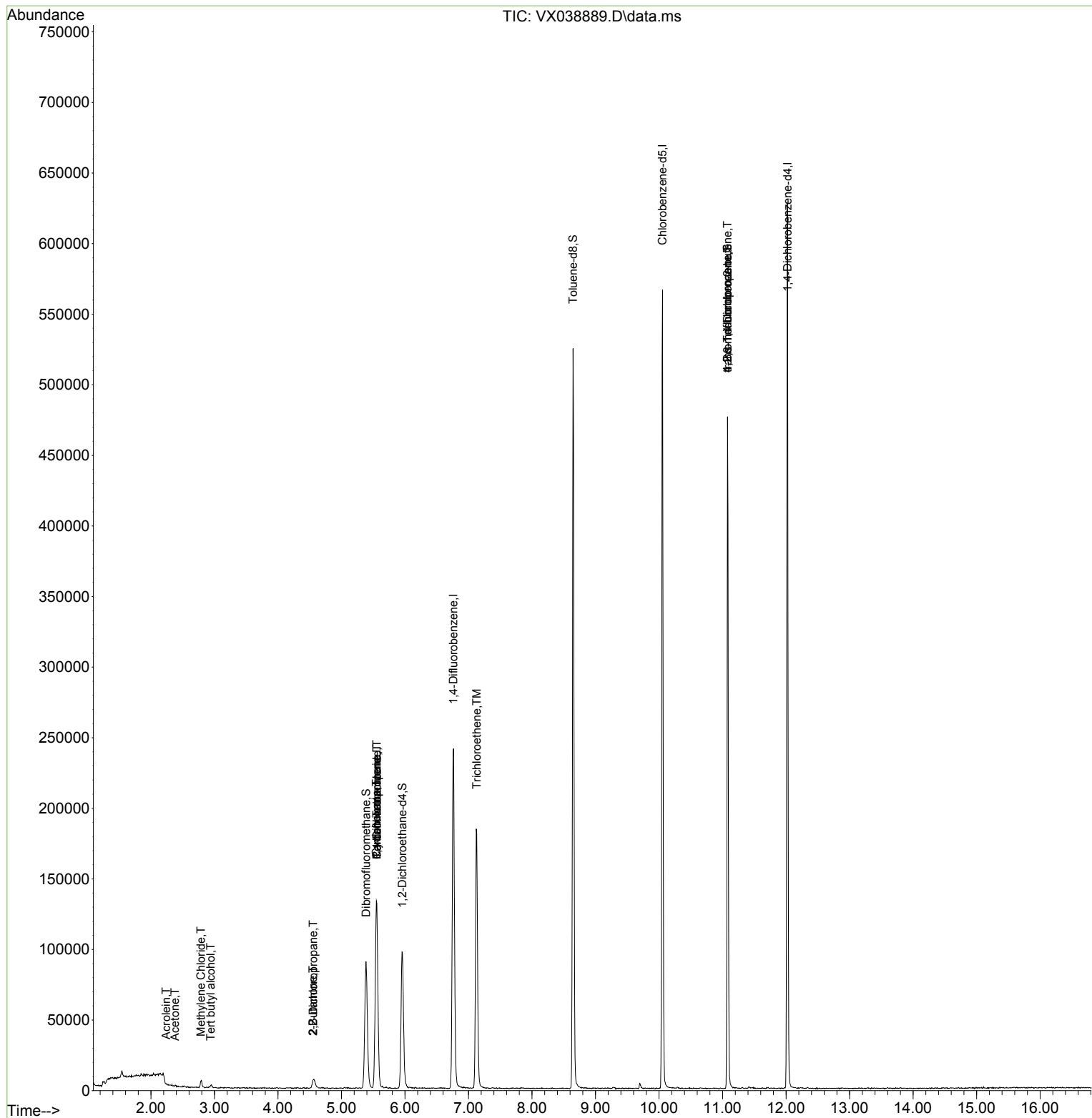
Internal Standards						
1) Pentafluorobenzene	5.556	168	122432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91780	46.523	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.040%		
35) Dibromofluoromethane	5.385	113	79031	44.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.800%		
50) Toluene-d8	8.647	98	310489	45.595	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.180%#		
62) 4-Bromofluorobenzene	11.079	95	130987	48.051	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.100%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1143	2.083	ug/l #	79
13) Acrolein	2.239	56	119	0.410	ug/l #	70
16) Acetone	2.380	43	651	0.620	ug/l #	68
20) Methylene Chloride	2.788	84	2442	1.290	ug/l	87
25) 2-Butanone	4.550	43	431	0.253	ug/l #	51
26) 2,2-Dichloropropane	4.556	77	734	0.270	ug/l #	54
31) Cyclohexane	5.550	56	3357	1.192	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11074	4.341	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13322	5.651	ug/l #	16
44) Trichloroethene	7.129	130	68917	37.527	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	68229	21.570	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68229	47.843	ug/l #	5

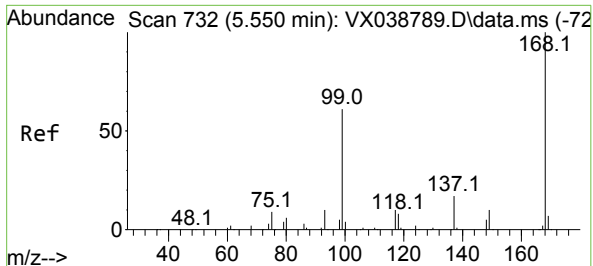
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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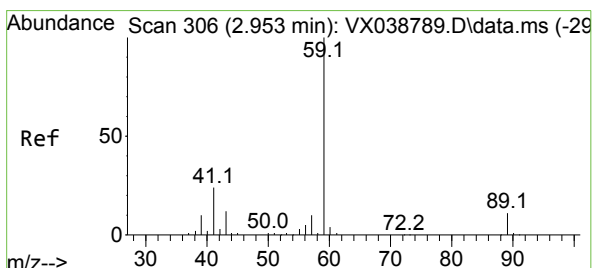
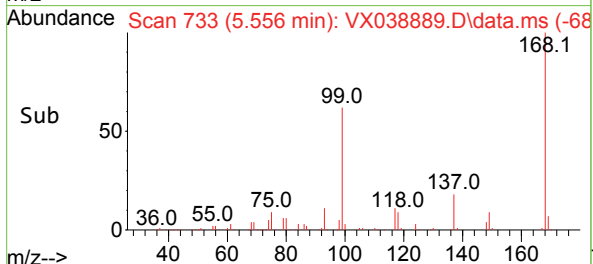
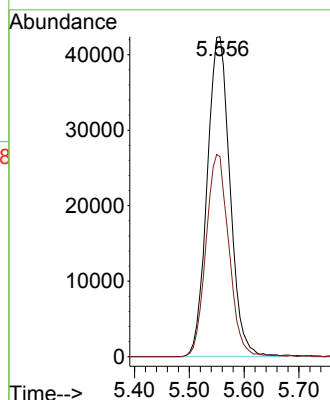
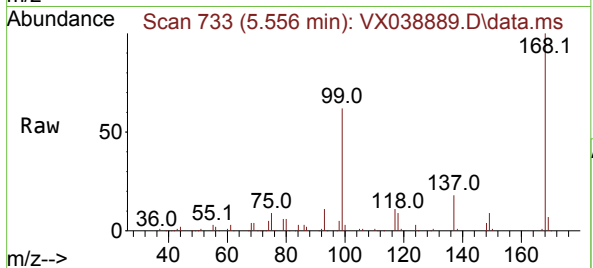




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

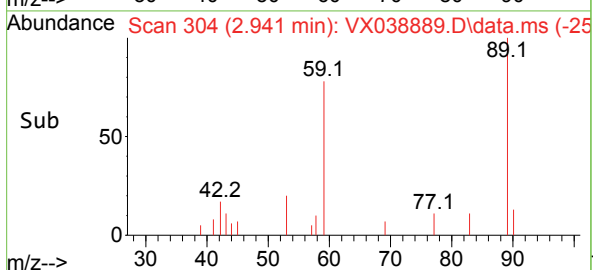
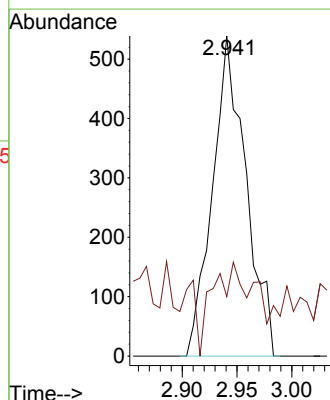
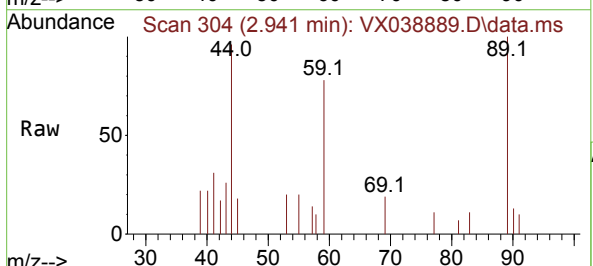
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20231110

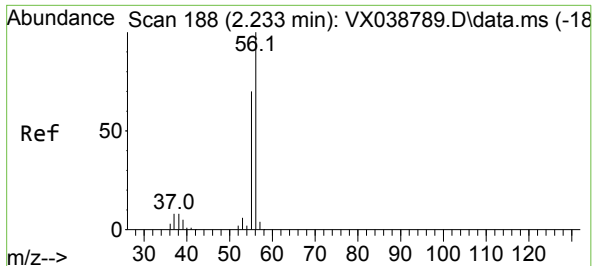
Tgt Ion:168 Resp: 122432
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.083 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

Tgt Ion: 59 Resp: 1143
Ion Ratio Lower Upper
59 100
57 14.8 6.0 9.0#

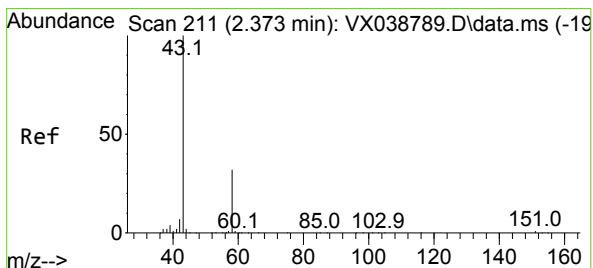
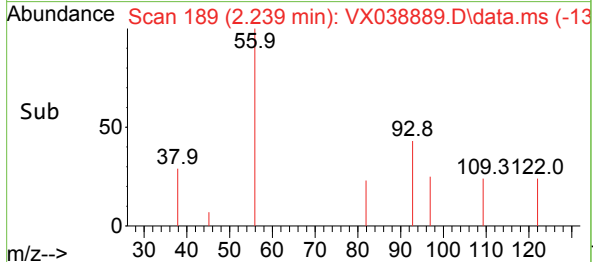
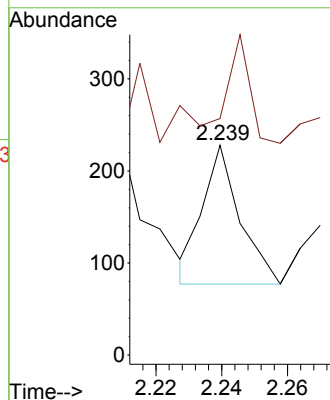
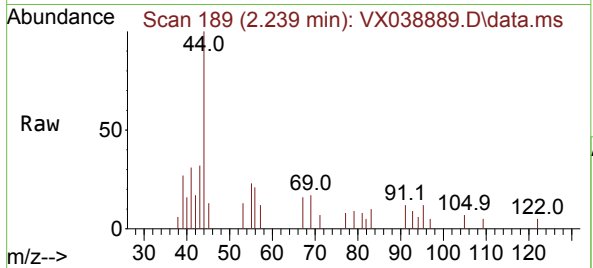




#13
Acrolein
Concen: 0.410 ug/l
RT: 2.239 min Scan# 119
Delta R.T. 0.006 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

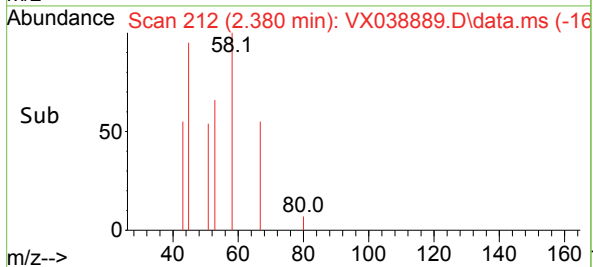
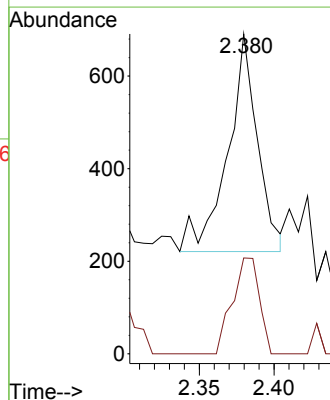
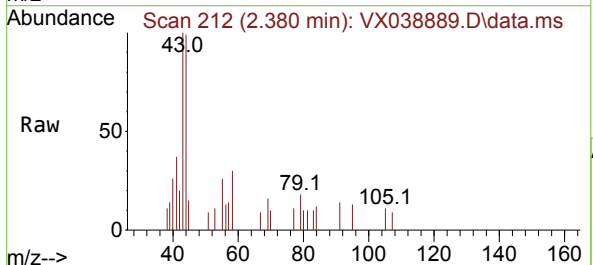
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20231110

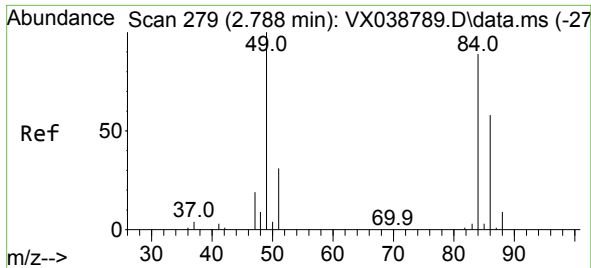
Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 46.2 57.1 85.7#



#16
Acetone
Concen: 0.620 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

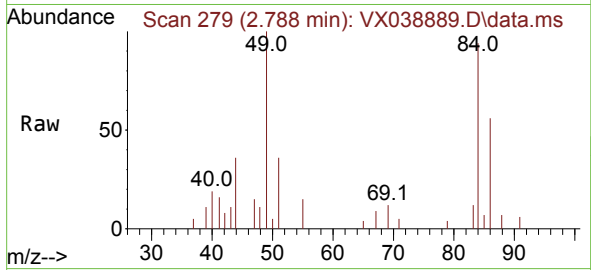
Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 44.0 21.9 32.9#





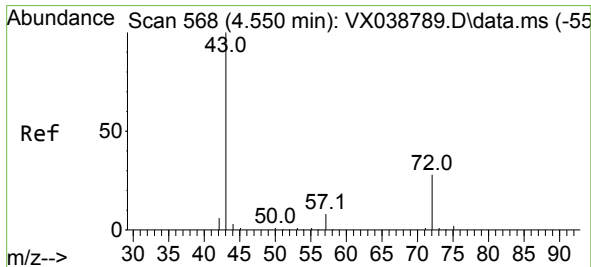
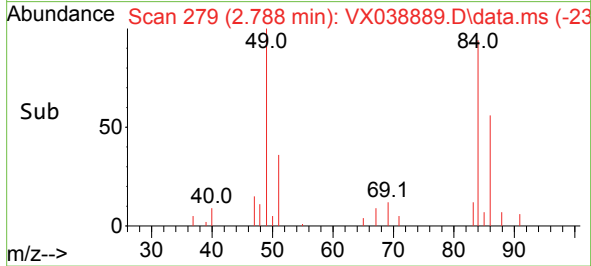
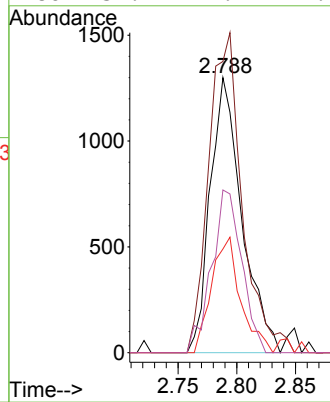
#20
Methylene Chloride
Concen: 1.290 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20231110



Tgt Ion: 84 Resp: 2442

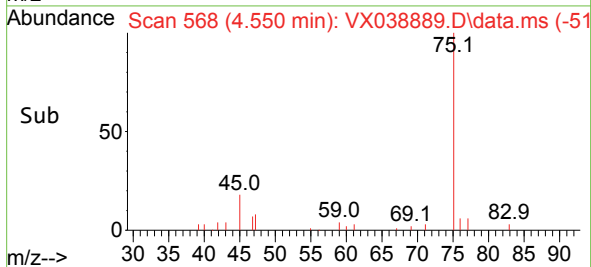
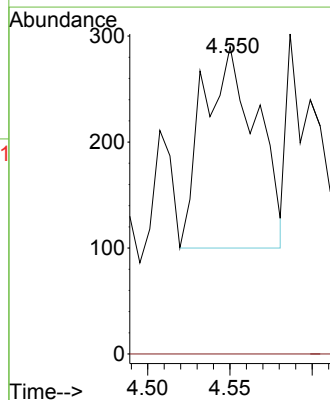
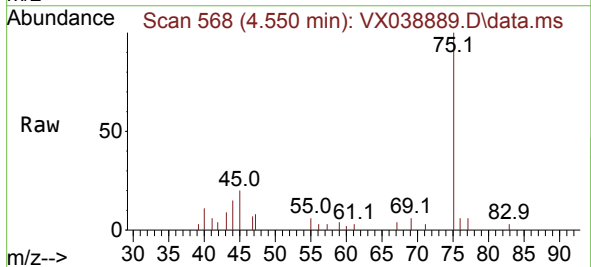
Ion	Ratio	Lower	Upper
84	100		
49	105.8	103.6	155.4
51	37.7	33.8	50.6
86	59.2	49.4	74.0

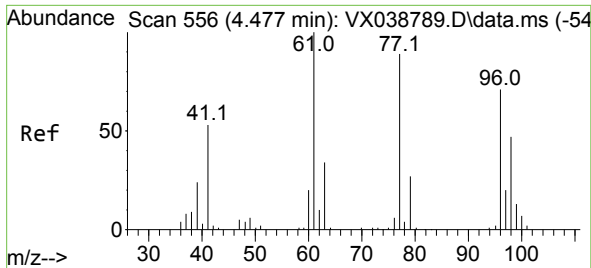


#25
2-Butanone
Concen: 0.253 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

Tgt Ion: 43 Resp: 431

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

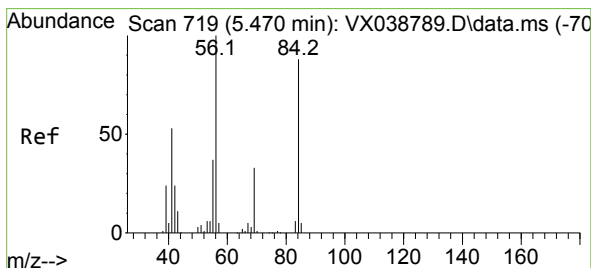
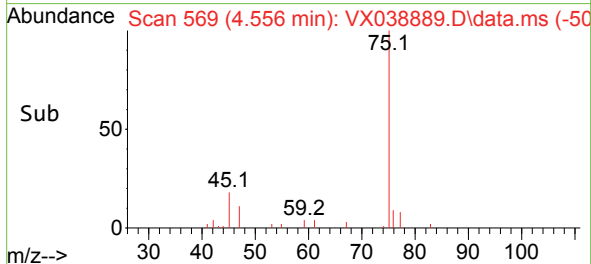
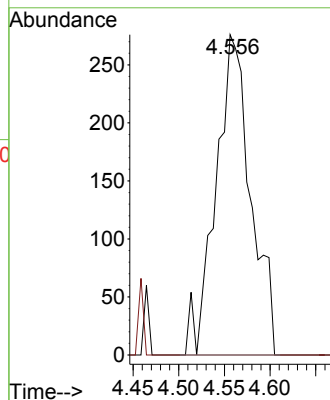
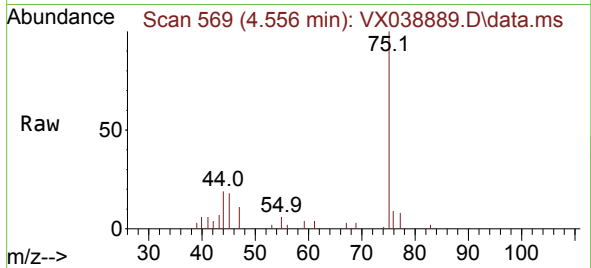




#26
2,2-Dichloropropane
Concen: 0.270 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.079 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

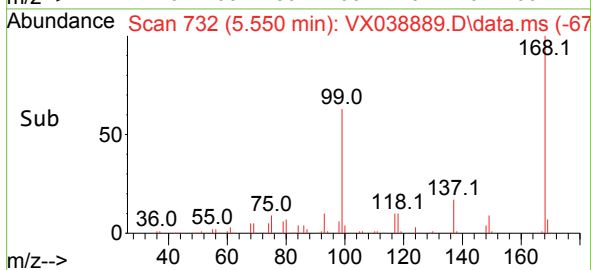
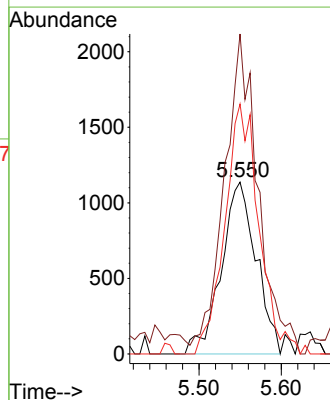
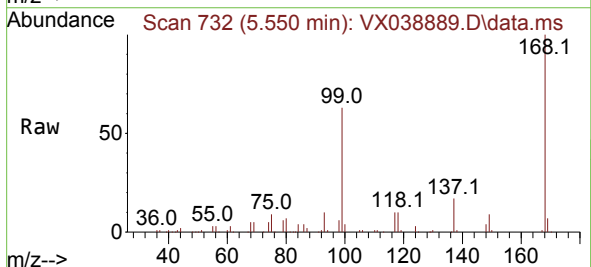
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20231110

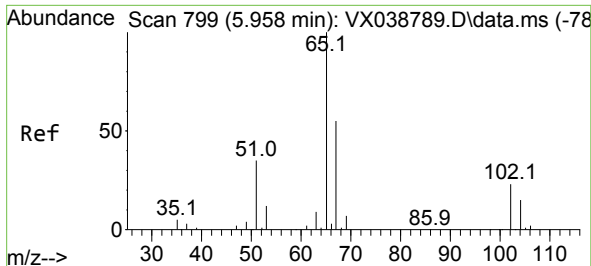
Tgt Ion: 77 Resp: 734
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.192 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

Tgt Ion: 56 Resp: 3357
Ion Ratio Lower Upper
56 100
69 175.3 23.4 35.2#
84 145.5 65.9 98.9#

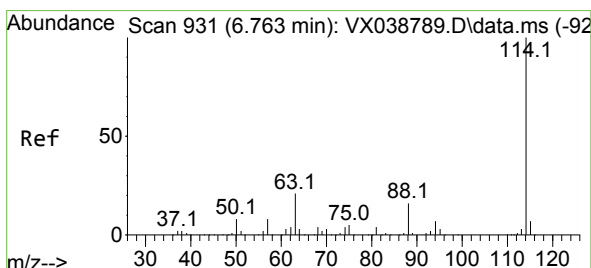
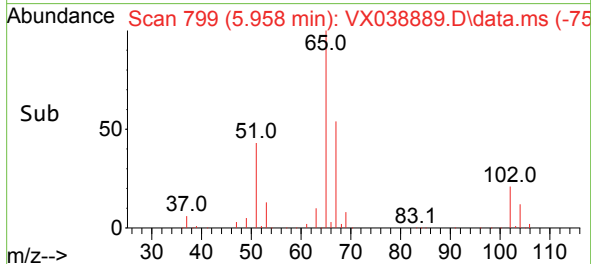
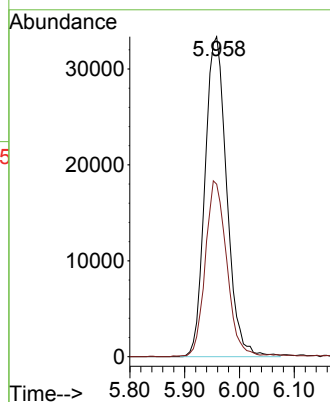
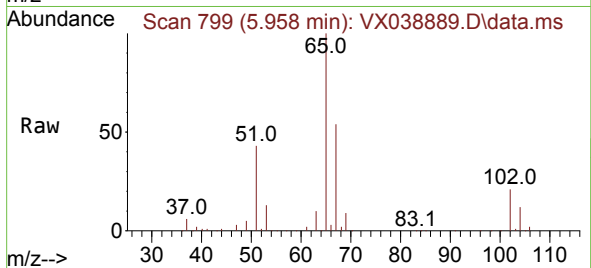




#33
 1,2-Dichloroethane-d4
 Concen: 46.523 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038889.D
 Acq: 17 Nov 2023 18:34

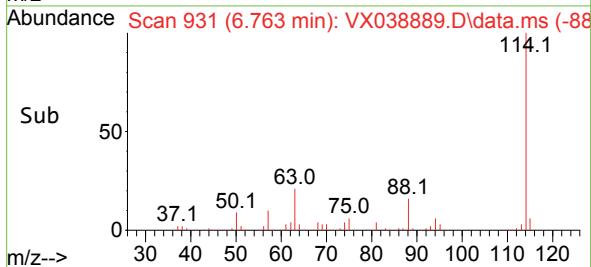
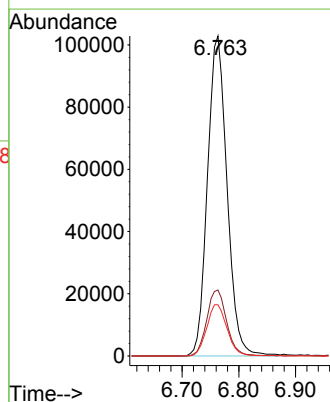
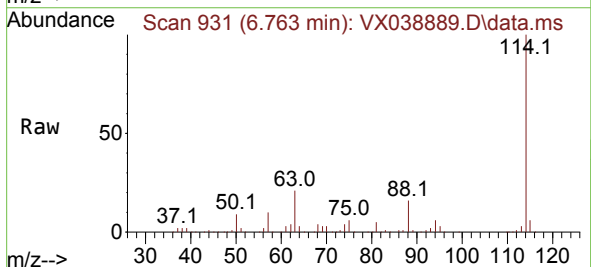
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20231110

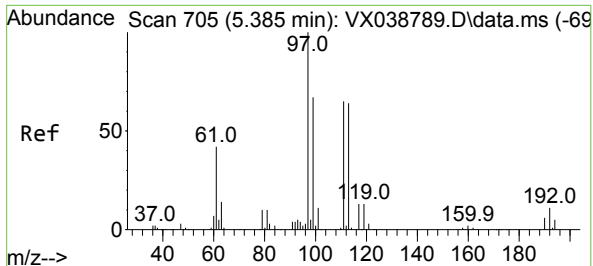
Tgt Ion: 65 Resp: 91780
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038889.D
 Acq: 17 Nov 2023 18:34

Tgt Ion:114 Resp: 246439
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.0
 88 16.0 0.0 36.6

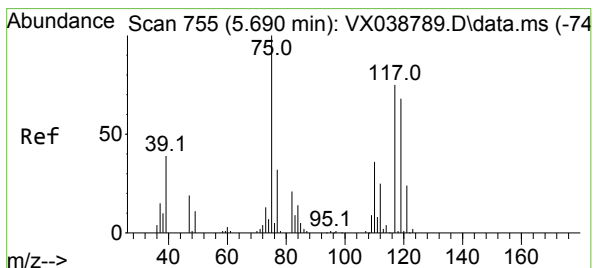
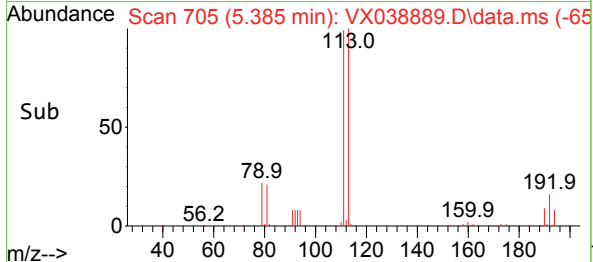
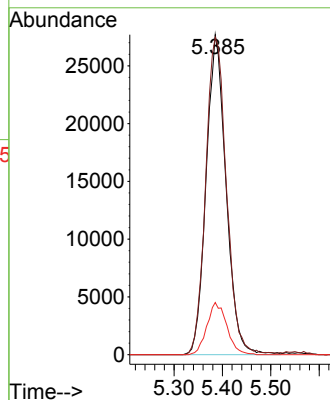
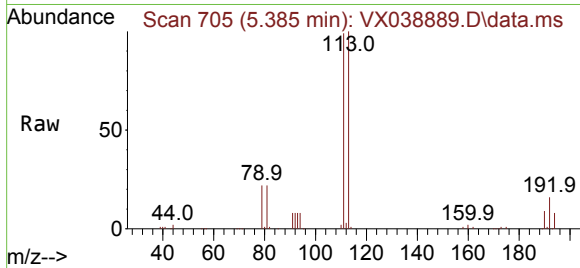




#35
Dibromofluoromethane
Concen: 44.403 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

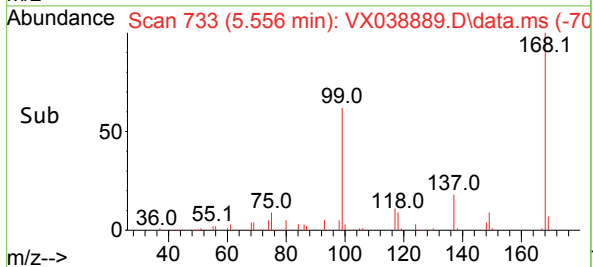
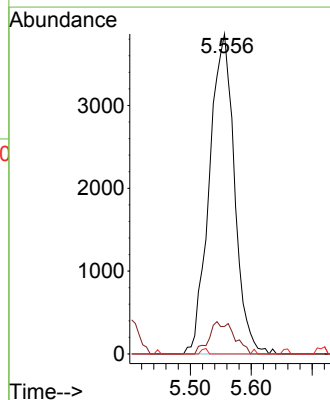
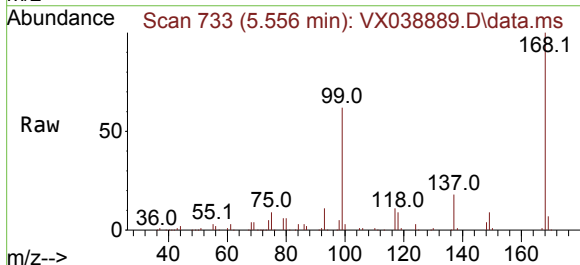
Instrument :
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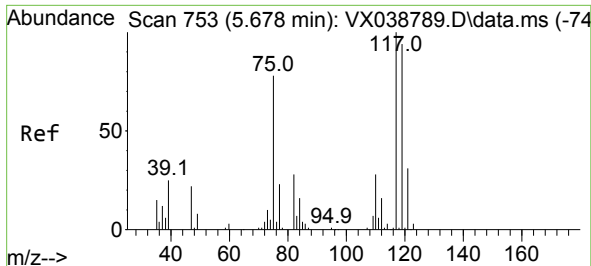
Tgt Ion:	113	Resp:	79031
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	16.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.341 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

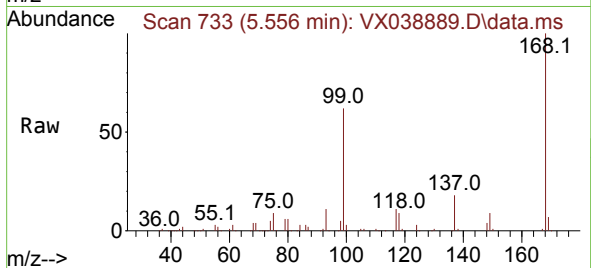
Tgt Ion:	75	Resp:	11074
Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.0	50.9#
77	0.0	24.7	37.1#



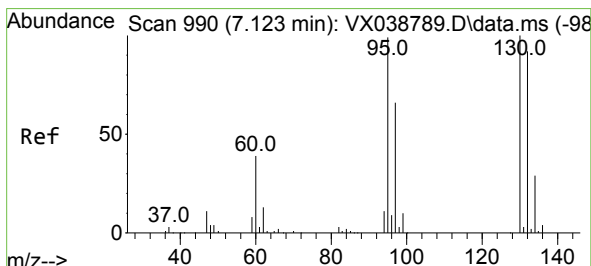
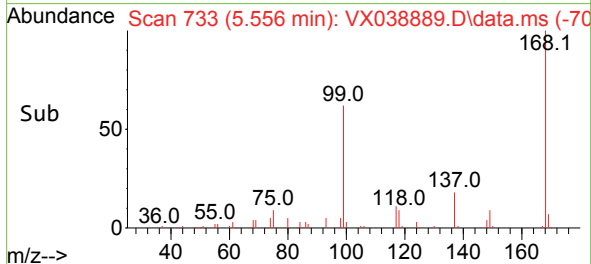
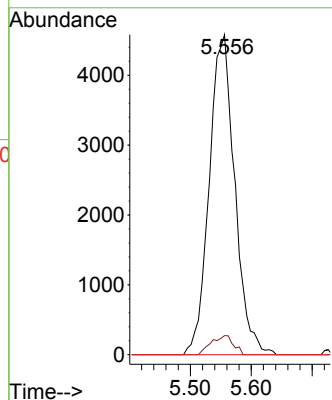


#38
Carbon Tetrachloride
Concen: 5.651 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20231110

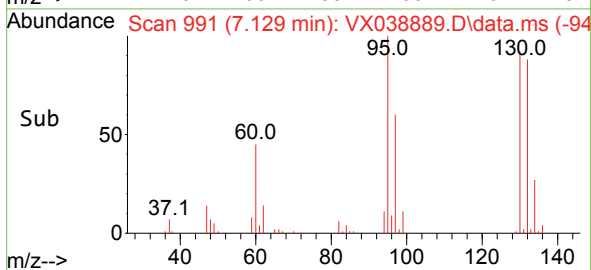
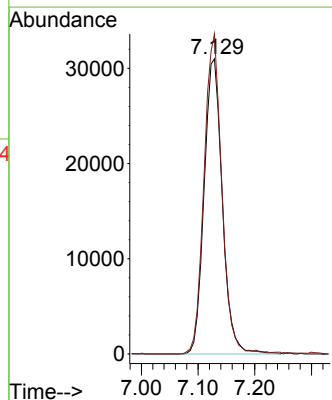
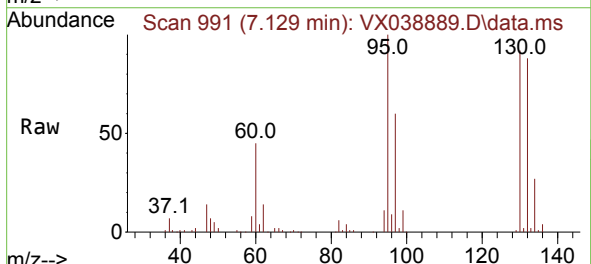


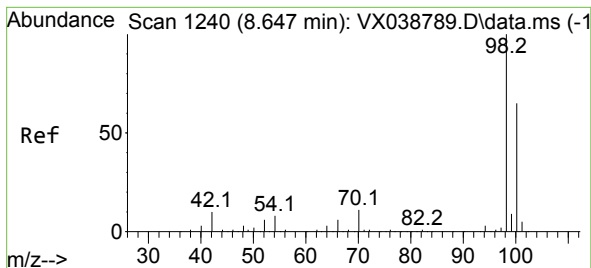
Tgt Ion:117 Resp: 13322
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 37.527 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

Tgt Ion:130 Resp: 68917
Ion Ratio Lower Upper
130 100
95 108.4 0.0 204.4





#50

Toluene-d8

Concen: 45.595 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038889.D

Acq: 17 Nov 2023 18:34

Instrument :

MSVOA_X

ClientSampleId :

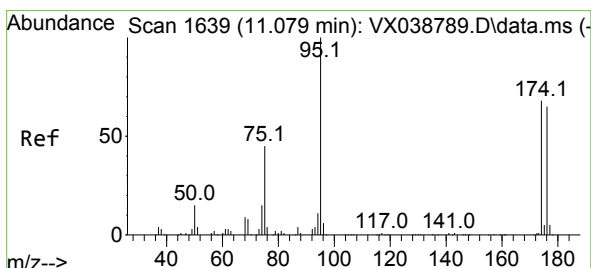
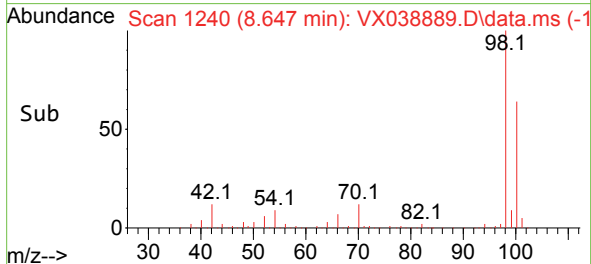
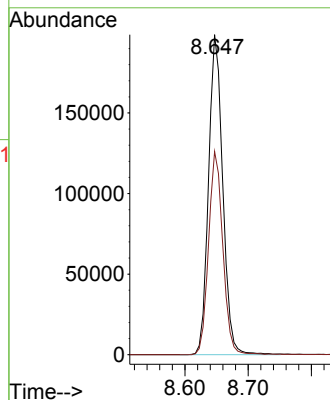
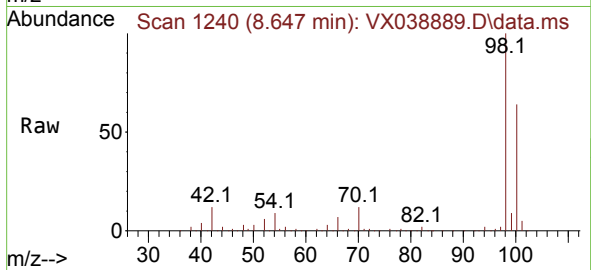
RE122D2-20231110

Tgt Ion: 98 Resp: 310489

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.051 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038889.D

Acq: 17 Nov 2023 18:34

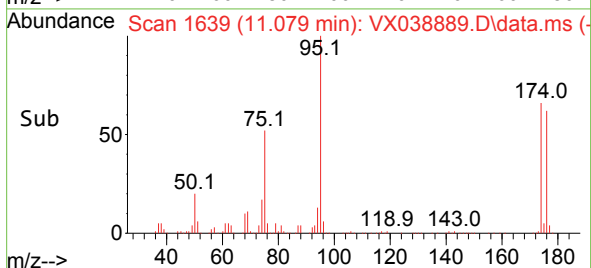
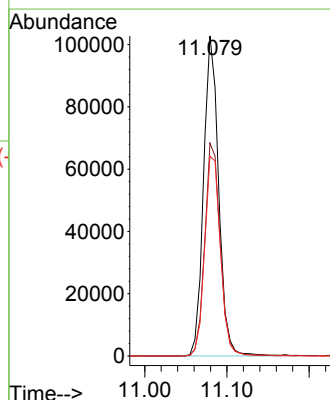
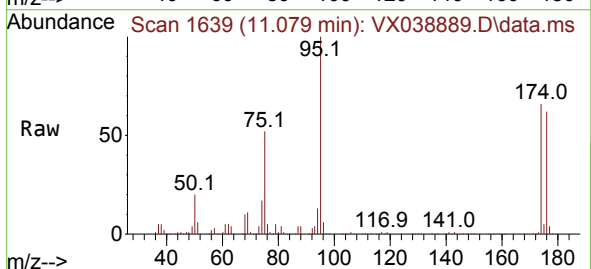
Tgt Ion: 95 Resp: 130987

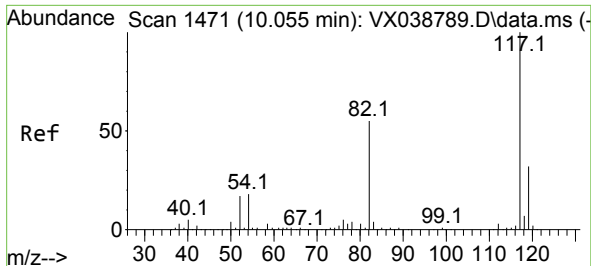
Ion Ratio Lower Upper

95 100

174 68.5 0.0 135.6

176 65.4 0.0 131.0

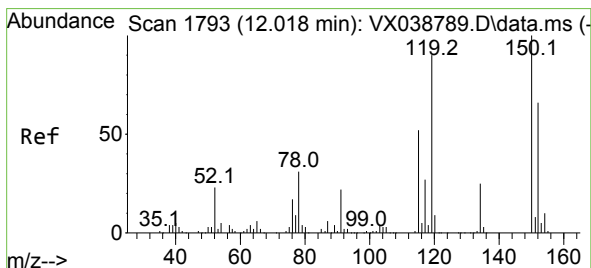
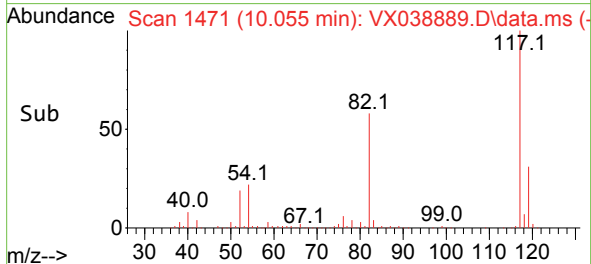
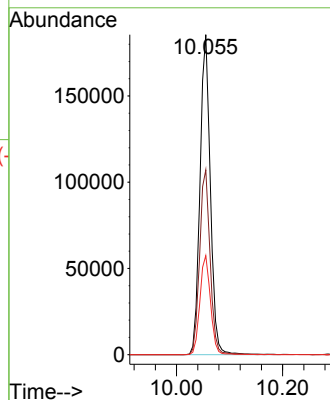
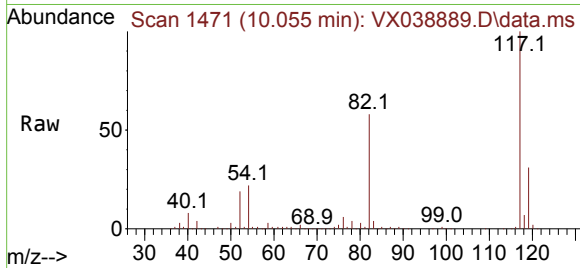




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

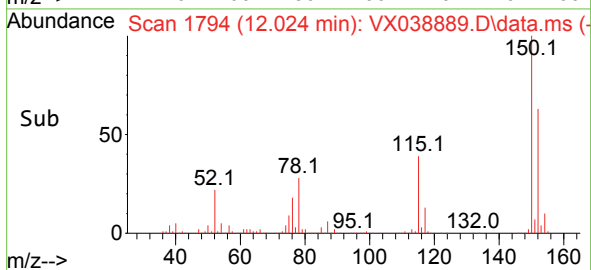
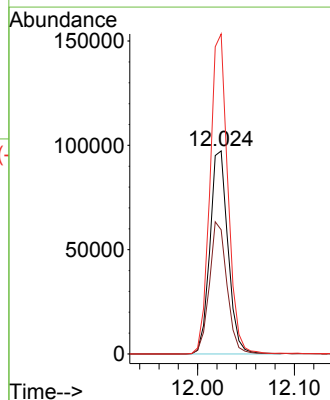
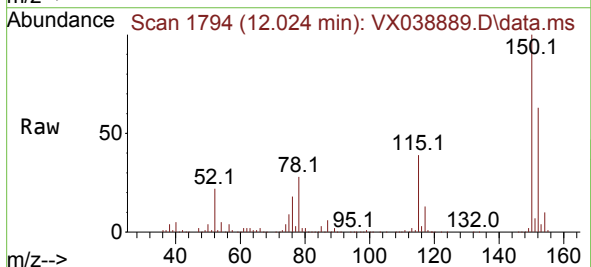
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20231110

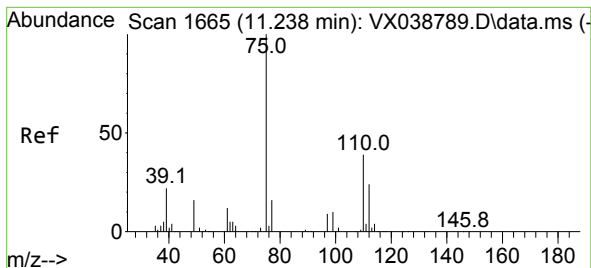
Tgt Ion:117 Resp: 251796
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038889.D
Acq: 17 Nov 2023 18:34

Tgt Ion:152 Resp: 126783
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 155.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.570 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038889.D

Acq: 17 Nov 2023 18:34

Instrument :

MSVOA_X

ClientSampleId :

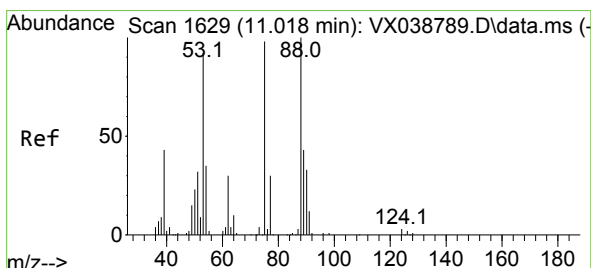
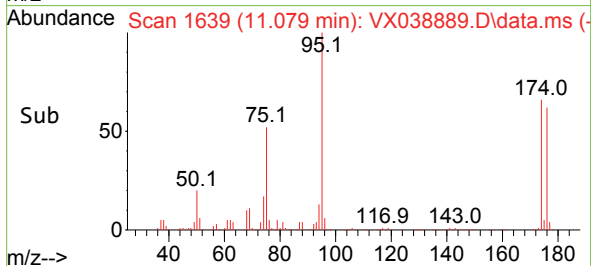
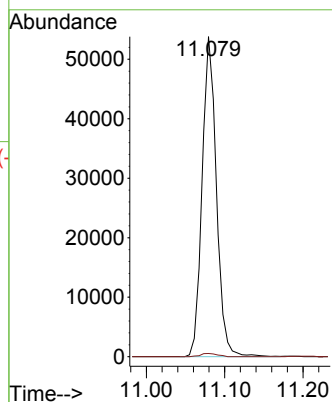
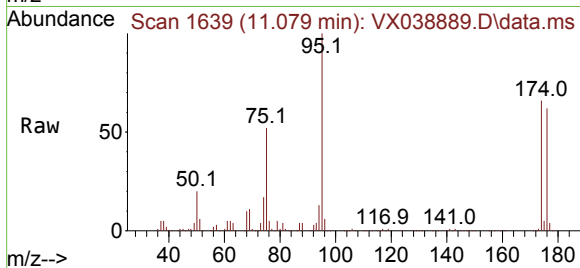
RE122D2-20231110

Tgt Ion: 75 Resp: 68229

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 47.843 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038889.D

Acq: 17 Nov 2023 18:34

Tgt Ion: 75 Resp: 68229

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

