

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038778.D
 Acq On : 13 Nov 2023 13:59
 Operator : JC/MD
 Sample : 05350-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20231107DL

Quant Time: Nov 14 05:31:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

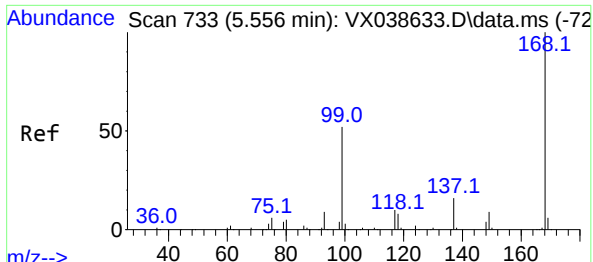
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	280974	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	467046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	495505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	294022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157723	45.089	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.180%		
35) Dibromofluoromethane	5.385	113	149924	44.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.140%		
50) Toluene-d8	8.647	98	562689	46.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.500%		
62) 4-Bromofluorobenzene	11.079	95	246567	52.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.660%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	5315	1.942	ug/l	90
11) Tert butyl alcohol	2.940	59	4881	6.826	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	2318	0.884	ug/l #	70
16) Acetone	2.380	43	526	0.357	ug/l #	77
20) Methylene Chloride	2.788	84	1116	0.376	ug/l #	76
30) Chloroform	5.099	83	1194	0.217	ug/l	86
31) Cyclohexane	5.544	56	4270	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17714	4.239	ug/l #	51
38) Carbon Tetrachloride	5.672	117	1257	0.269	ug/l #	66
44) Trichloroethene	7.129	130	119960	32.035	ug/l	91
49) 1,4-Dioxane	7.677	88	78	1.084	ug/l #	90
51) 4-Methyl-2-Pentanone	8.647	43	1687	0.395	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	115353	19.810	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	115353	60.607	ug/l #	5

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

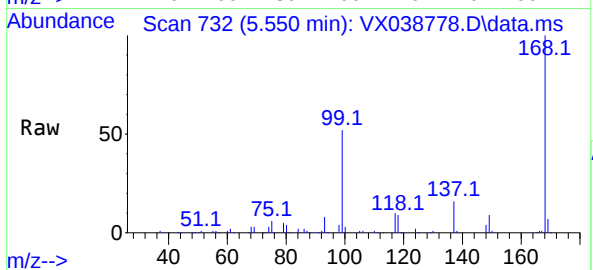
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration



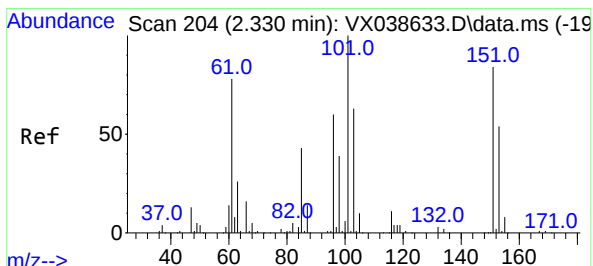
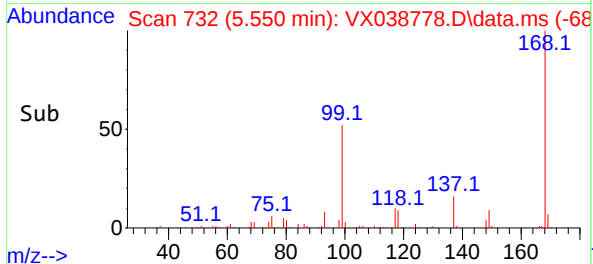
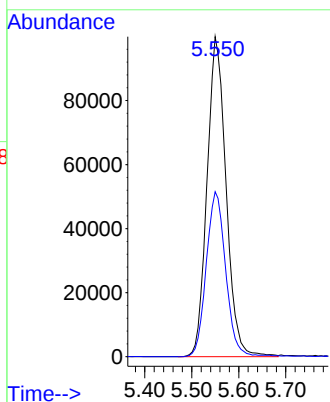


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107DL

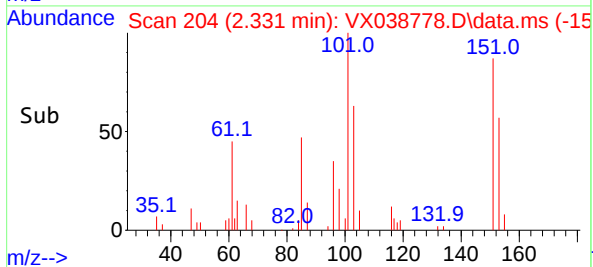
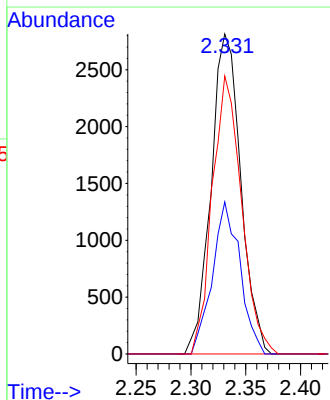
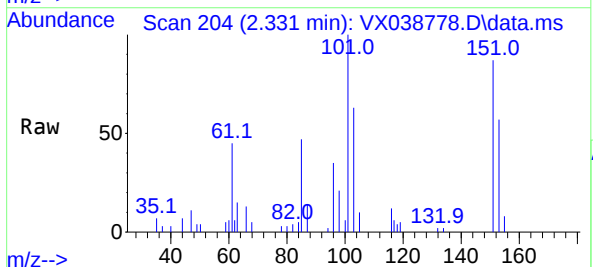


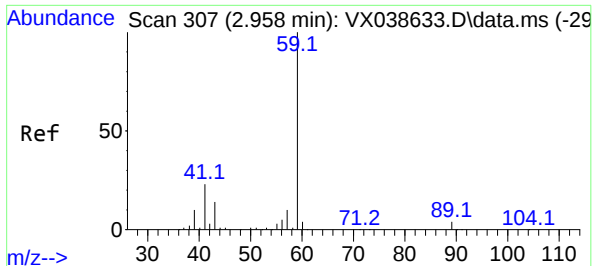
Tgt Ion:168 Resp: 280974
Ion Ratio Lower Upper
168 100
99 51.5 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.942 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Tgt Ion:101 Resp: 5315
Ion Ratio Lower Upper
101 100
85 44.0 37.0 55.6
151 85.2 58.6 87.8





#11

Tert butyl alcohol

Concen: 6.826 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX038778.D

Acq: 13 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

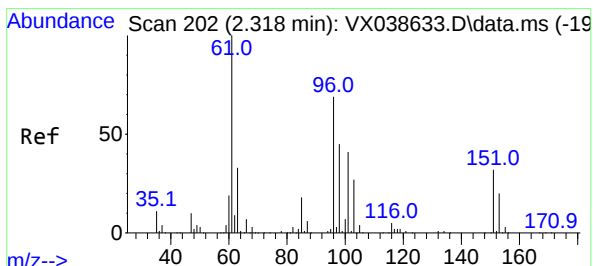
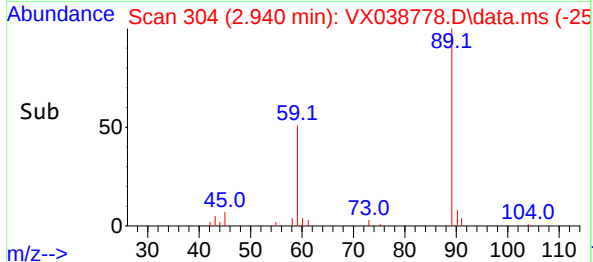
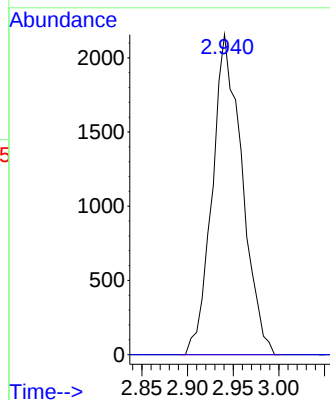
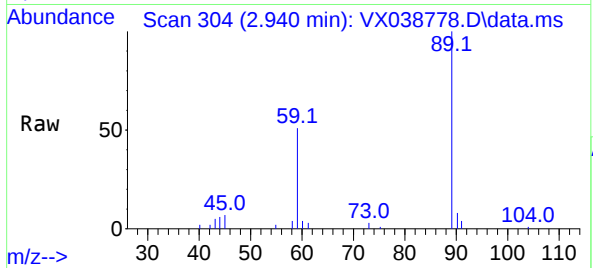
RE115D1-20231107DL

Tgt Ion: 59 Resp: 4881

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.884 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038778.D

Acq: 13 Nov 2023 13:59

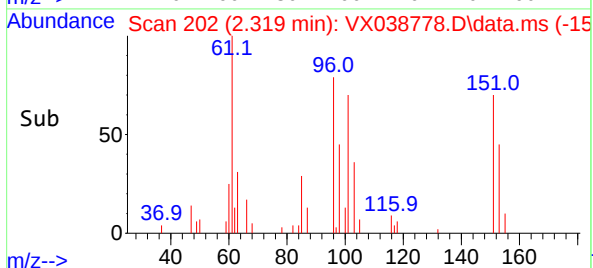
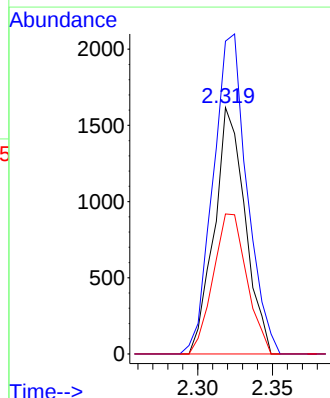
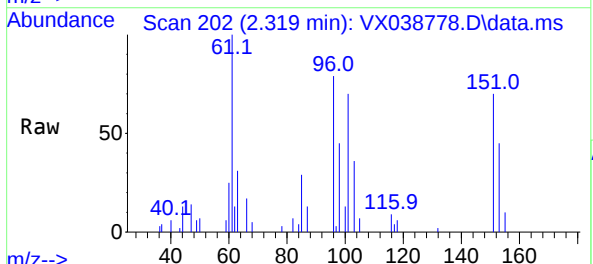
Tgt Ion: 96 Resp: 2318

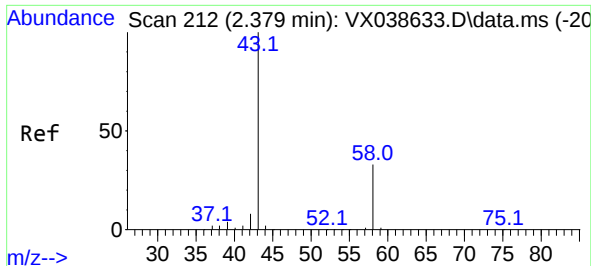
Ion Ratio Lower Upper

96 100

61 127.0 144.6 216.8#

98 56.8 50.4 75.6

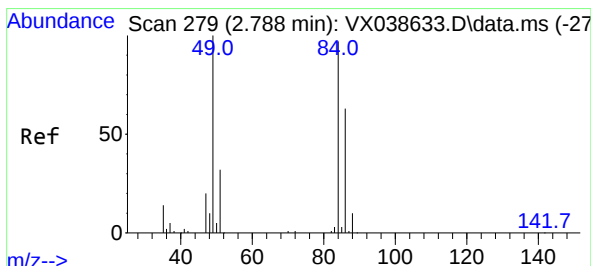
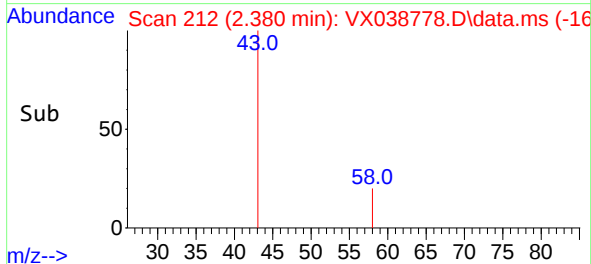
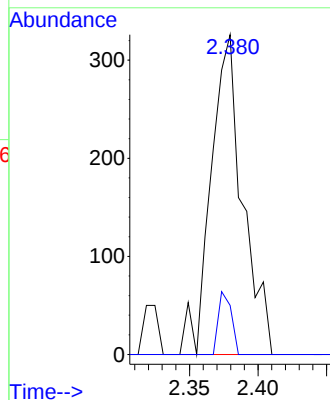
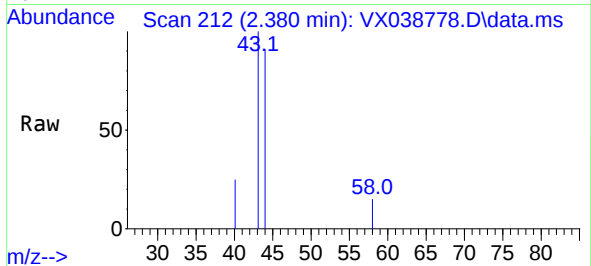




#16
Acetone
Concen: 0.357 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

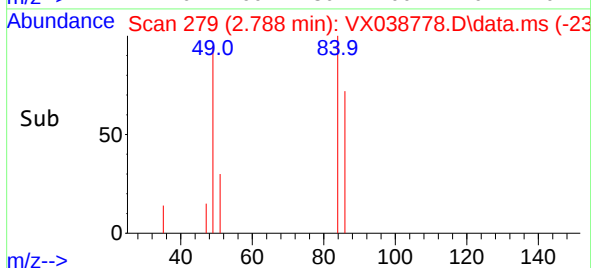
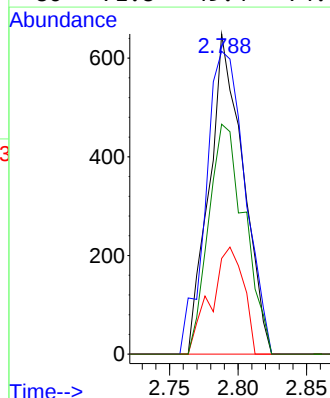
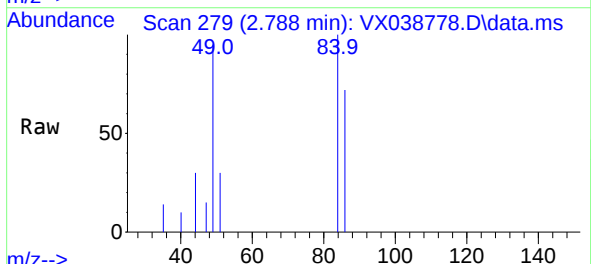
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107DL

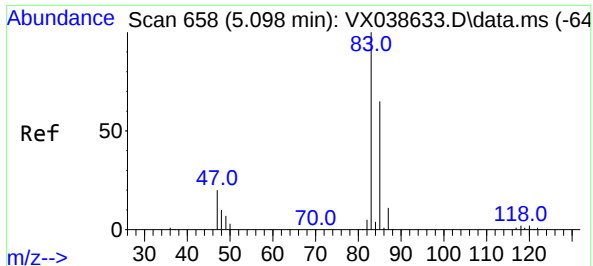
Tgt Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
58 15.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.376 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Tgt Ion: 84 Resp: 1116
Ion Ratio Lower Upper
84 100
49 94.6 103.6 155.4#
51 29.9 33.8 50.6#
86 71.8 49.4 74.0





#30

Chloroform

Concen: 0.217 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX038778.D

Acq: 13 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

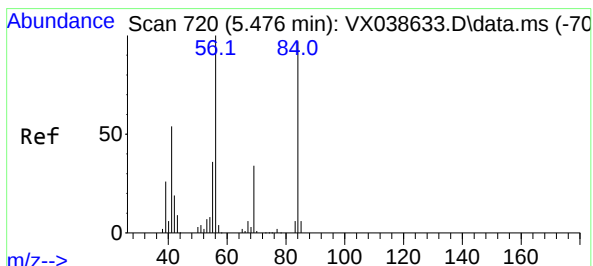
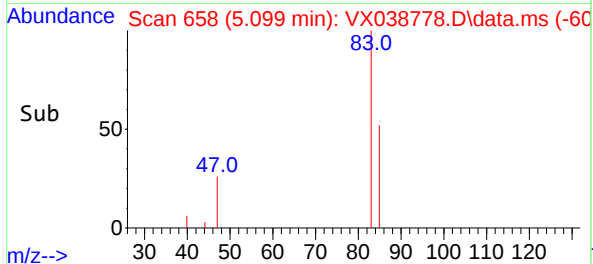
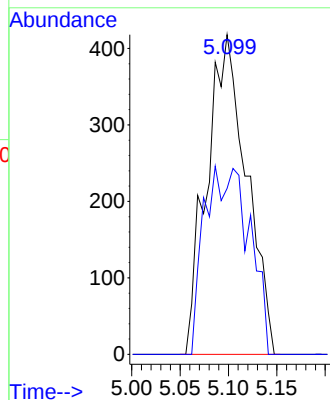
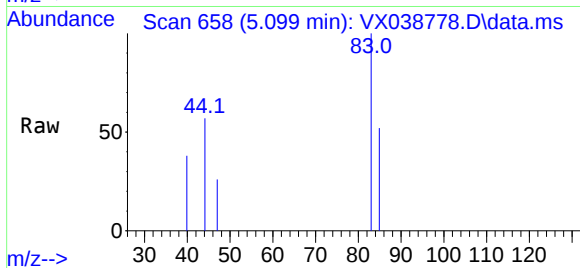
RE115D1-20231107DL

Tgt Ion: 83 Resp: 1194

Ion Ratio Lower Upper

83 100

85 51.9 50.3 75.5



#31

Cyclohexane

Concen: 1.103 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX038778.D

Acq: 13 Nov 2023 13:59

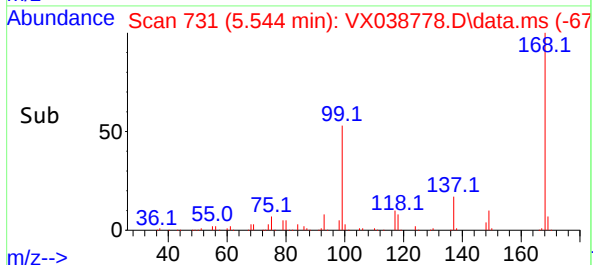
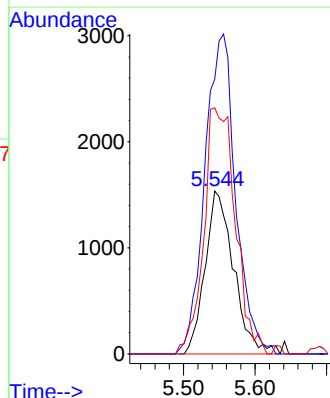
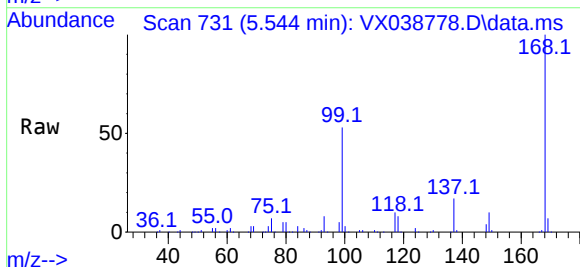
Tgt Ion: 56 Resp: 4270

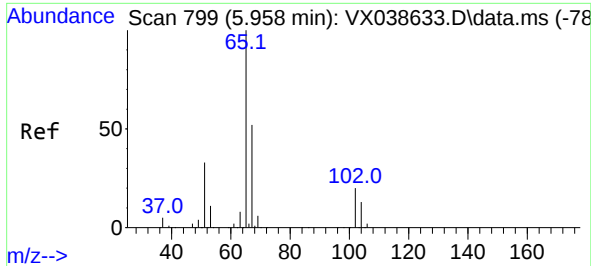
Ion Ratio Lower Upper

56 100

69 168.8 23.4 35.2#

84 146.4 65.9 98.9#

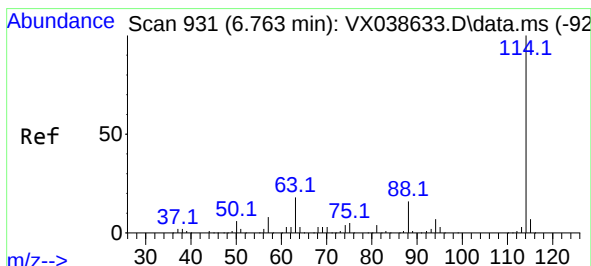
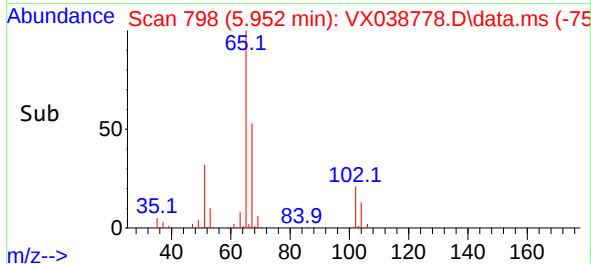
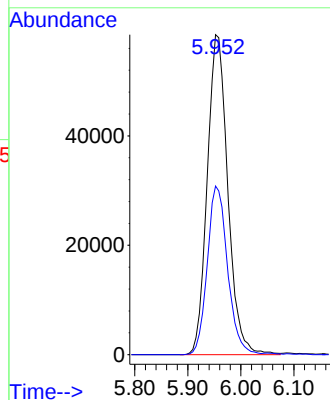
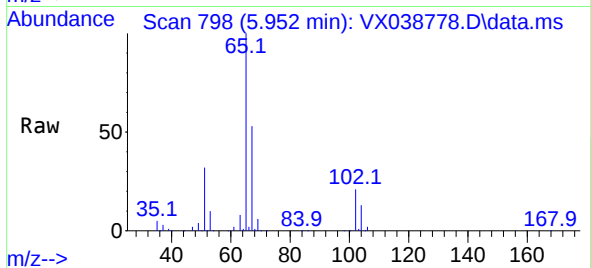




#33
1,2-Dichloroethane-d4
Concen: 45.089 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

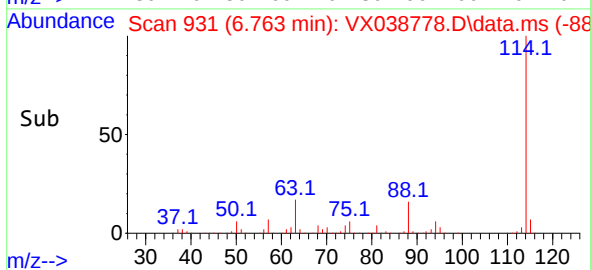
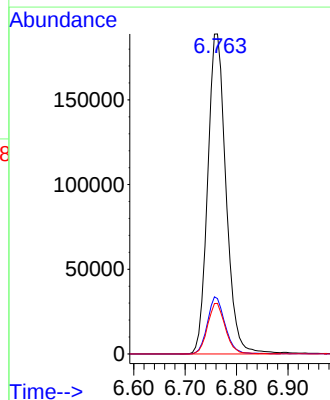
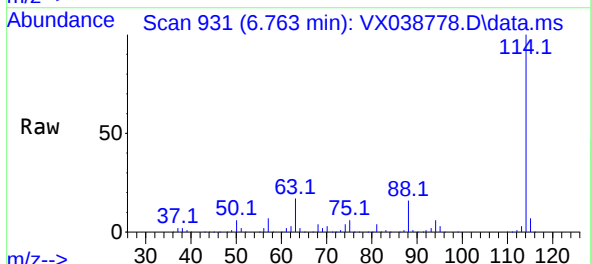
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107DL

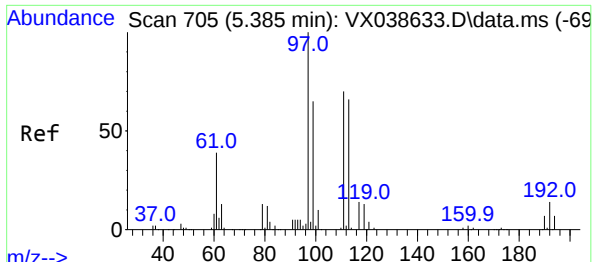
Tgt Ion: 65 Resp: 157723
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

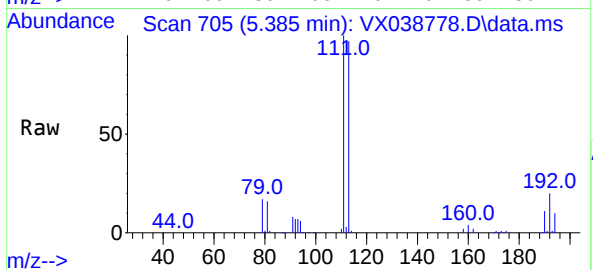
Tgt Ion: 114 Resp: 467046
Ion Ratio Lower Upper
114 100
63 17.3 0.0 45.0
88 15.8 0.0 36.6



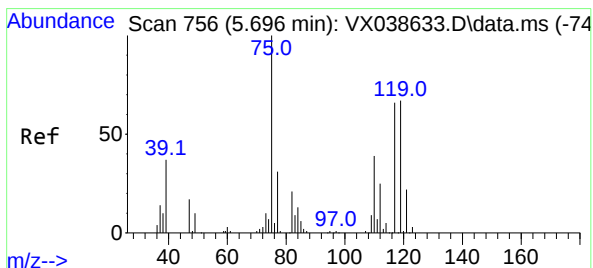
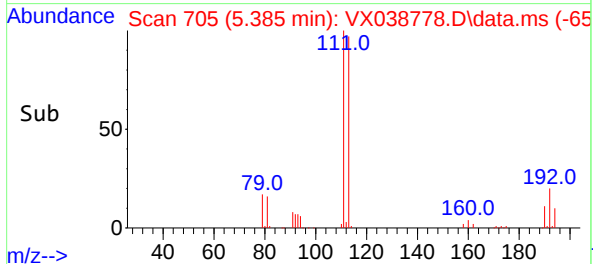
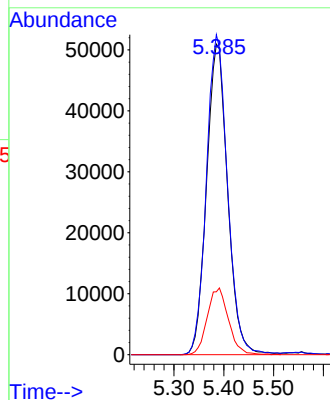


#35
Dibromofluoromethane
Concen: 44.570 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107DL

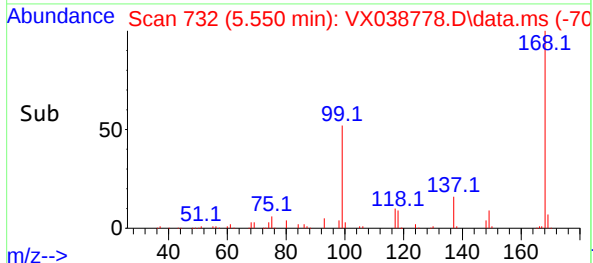
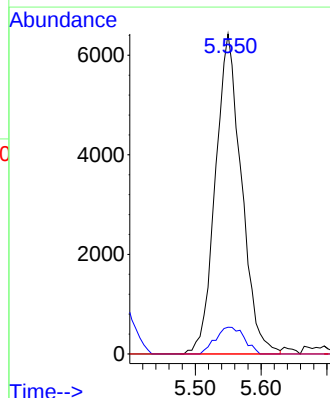
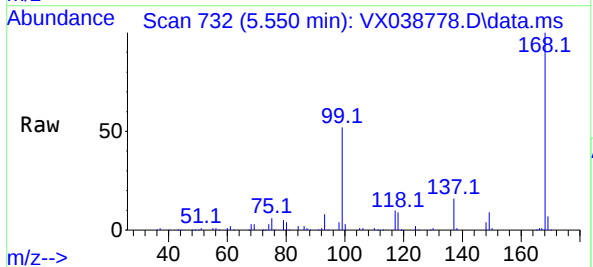


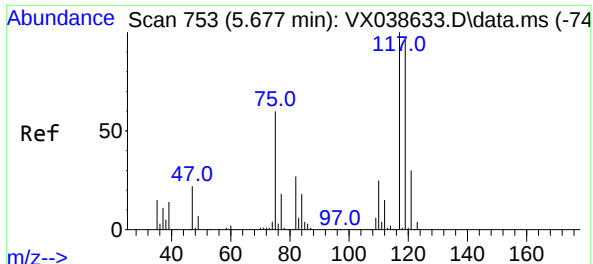
Tgt Ion:113 Resp: 149924
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 21.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.239 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

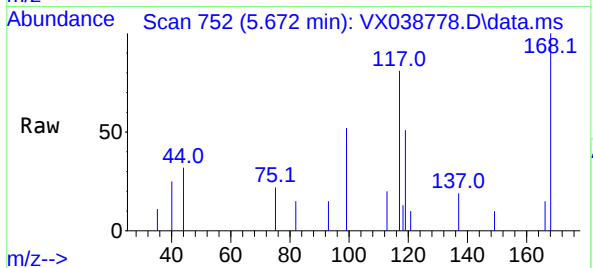
Tgt Ion: 75 Resp: 17714
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



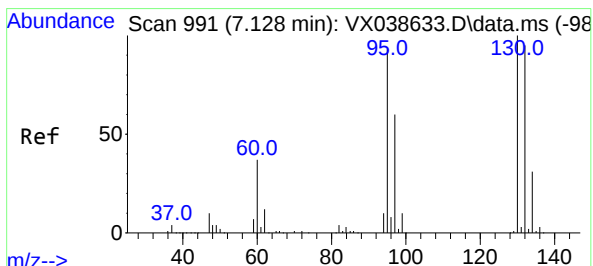
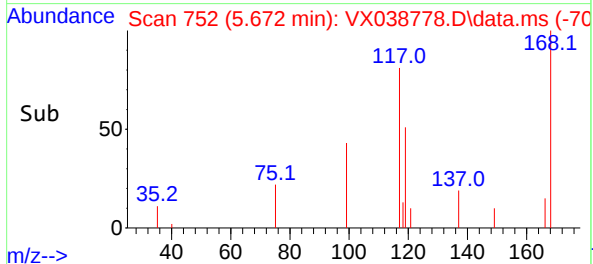
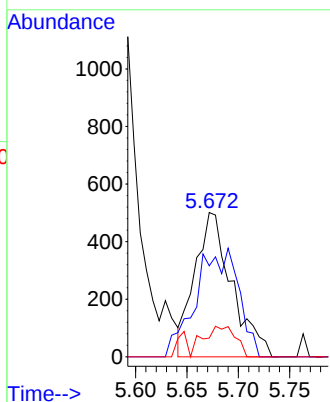


#38
Carbon Tetrachloride
Concen: 0.269 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Instrument : MSVOA_X
ClientSampleId : RE115D1-20231107DL

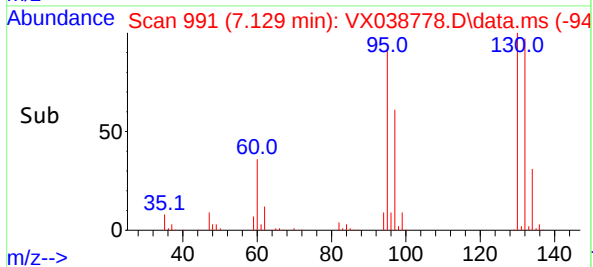
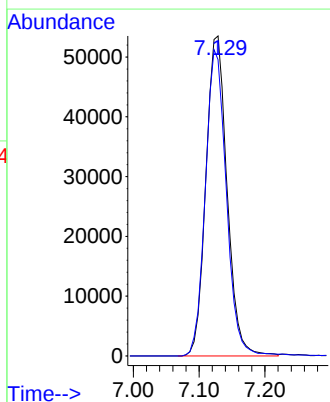
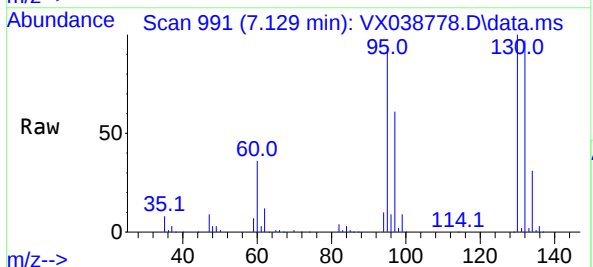


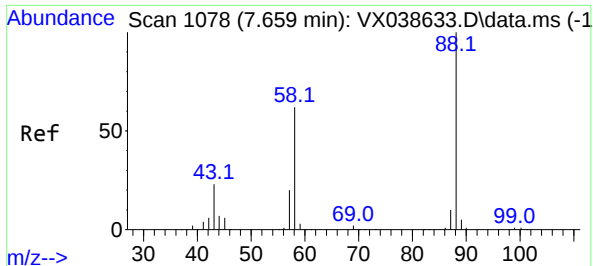
Tgt Ion:117 Resp: 1257
Ion Ratio Lower Upper
117 100
119 63.1 78.2 117.2#
121 13.0 24.4 36.6#



#44
Trichloroethene
Concen: 32.035 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Tgt Ion:130 Resp: 119960
Ion Ratio Lower Upper
130 100
95 92.6 0.0 204.4

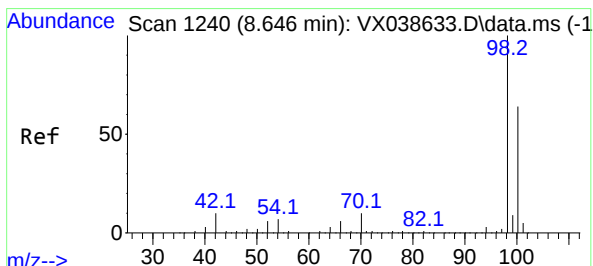
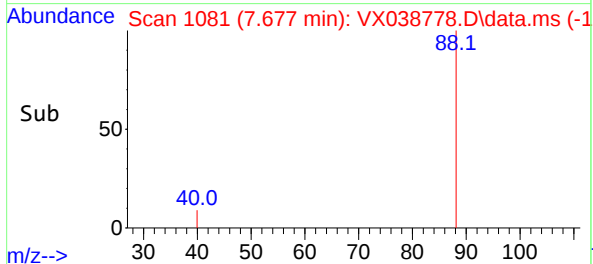
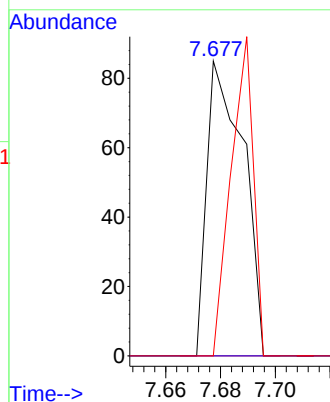
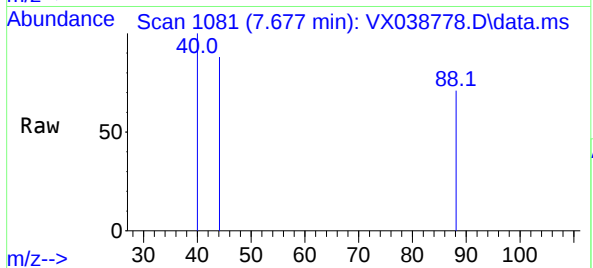




#49
1,4-Dioxane
Concen: 1.084 ug/l
RT: 7.677 min Scan# 1078
Delta R.T. 0.019 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

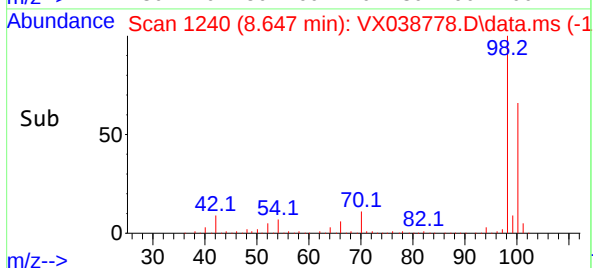
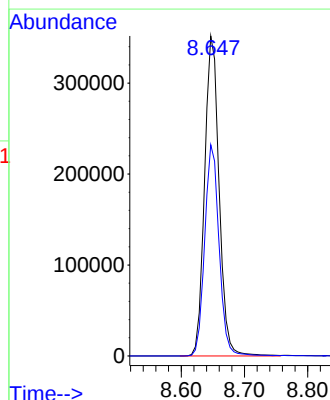
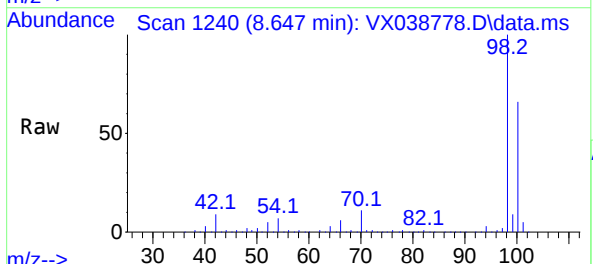
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107DL

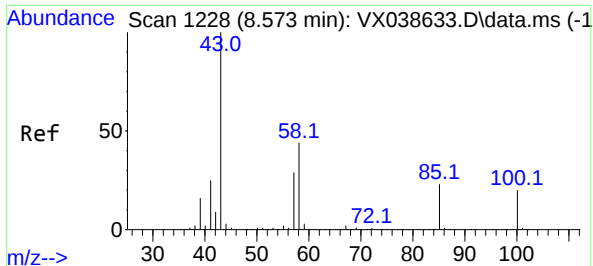
Tgt Ion: 88	Resp: 78
Ion Ratio	Lower Upper
88	100
43	0.0 0.0 0.0
58	66.7 60.1 90.1



#50
Toluene-d8
Concen: 46.747 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Tgt Ion: 98	Resp: 562689
Ion Ratio	Lower Upper
98	100
100	65.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.395 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX038778.D

Acq: 13 Nov 2023 13:59

Instrument :

MSVOA_X

ClientSampleId :

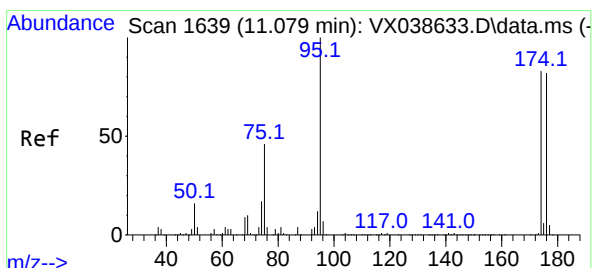
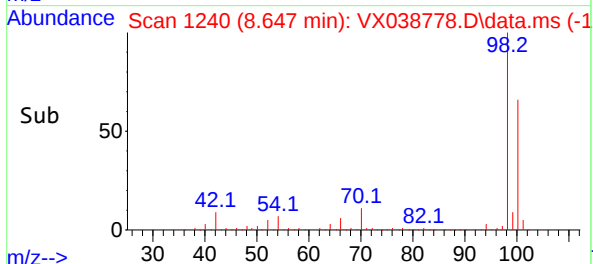
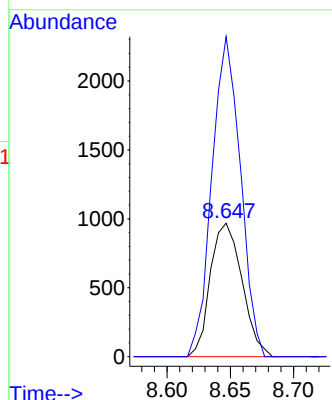
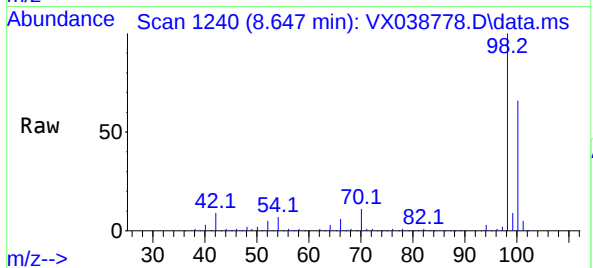
RE115D1-20231107DL

Tgt Ion: 43 Resp: 1687

Ion Ratio Lower Upper

43 100

58 215.5 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 52.833 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038778.D

Acq: 13 Nov 2023 13:59

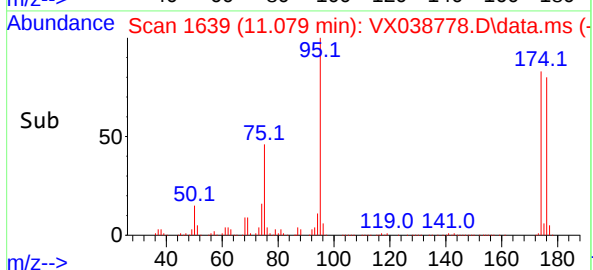
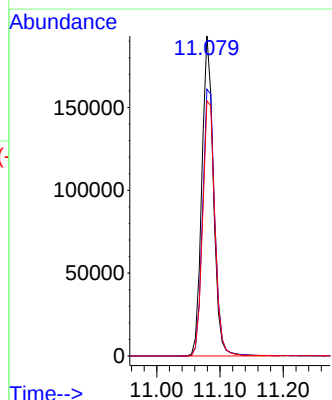
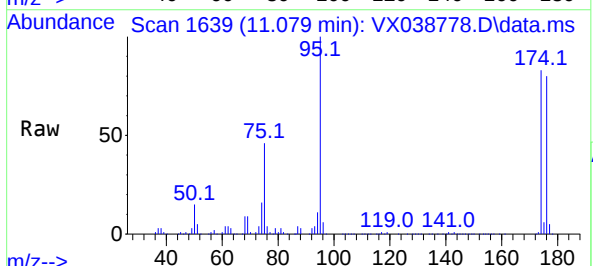
Tgt Ion: 95 Resp: 246567

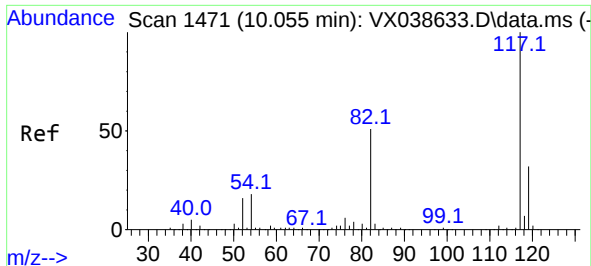
Ion Ratio Lower Upper

95 100

174 88.0 0.0 135.6

176 84.4 0.0 131.0

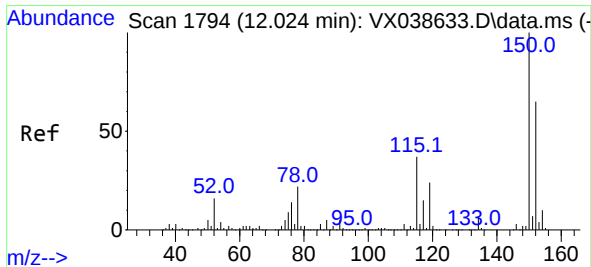
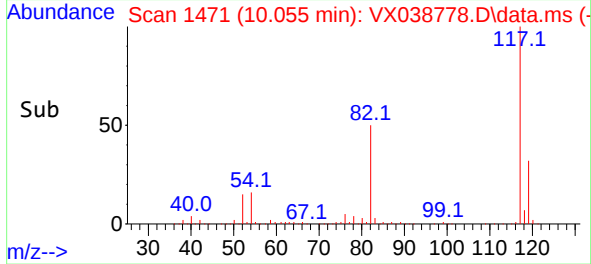
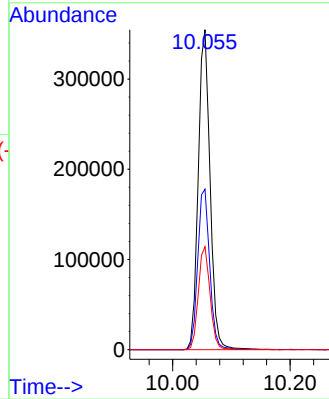
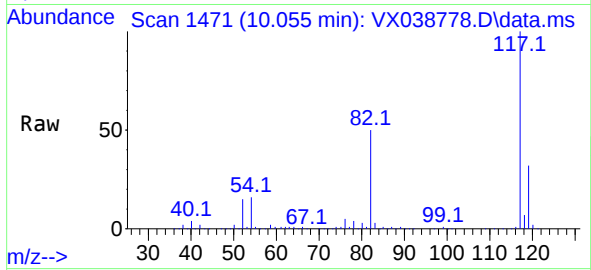




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

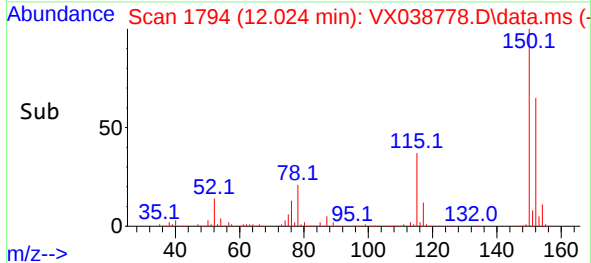
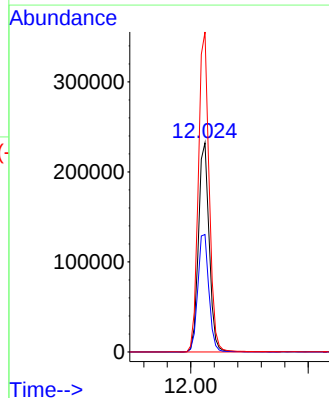
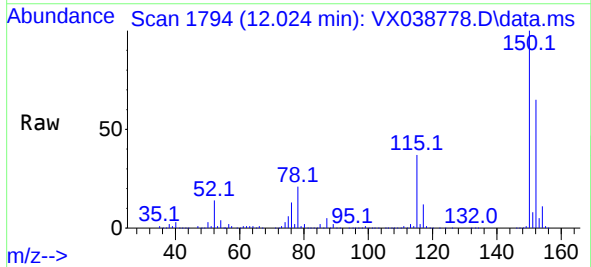
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107DL

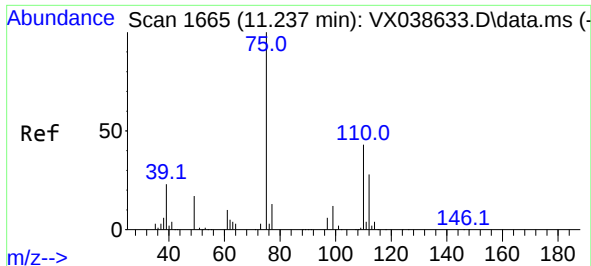
Tgt Ion:117 Resp: 495505
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Tgt Ion:152 Resp: 294022
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.9
150 153.9 0.0 345.0

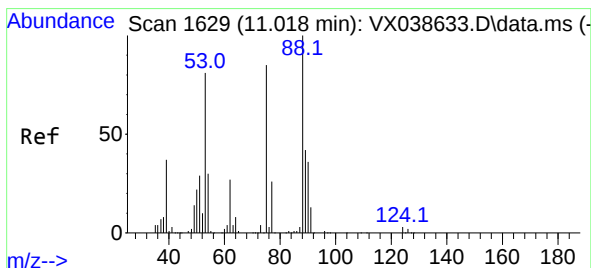
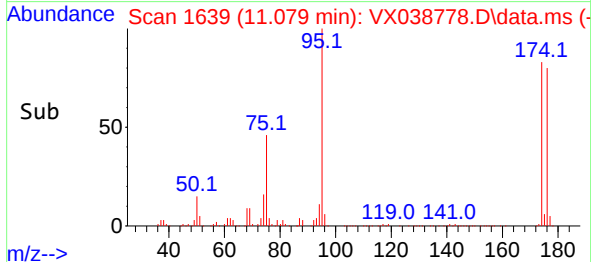
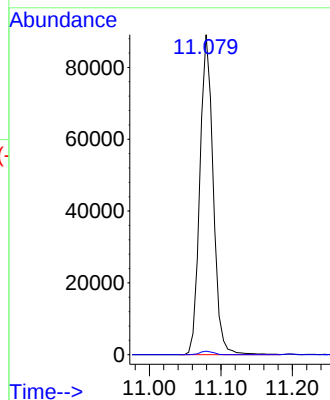
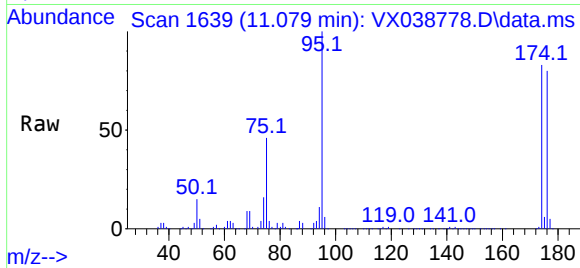




#76
1,2,3-Trichloropropane
Concen: 19.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20231107DL

Tgt Ion: 75 Resp: 115353
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038778.D
Acq: 13 Nov 2023 13:59

Tgt Ion: 75 Resp: 115353
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

