

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032825.D
 Acq On : 15 Nov 2022 16:12
 Operator : JC/MD
 Sample : N5587-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140B-20221110

Quant Time: Nov 16 03:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

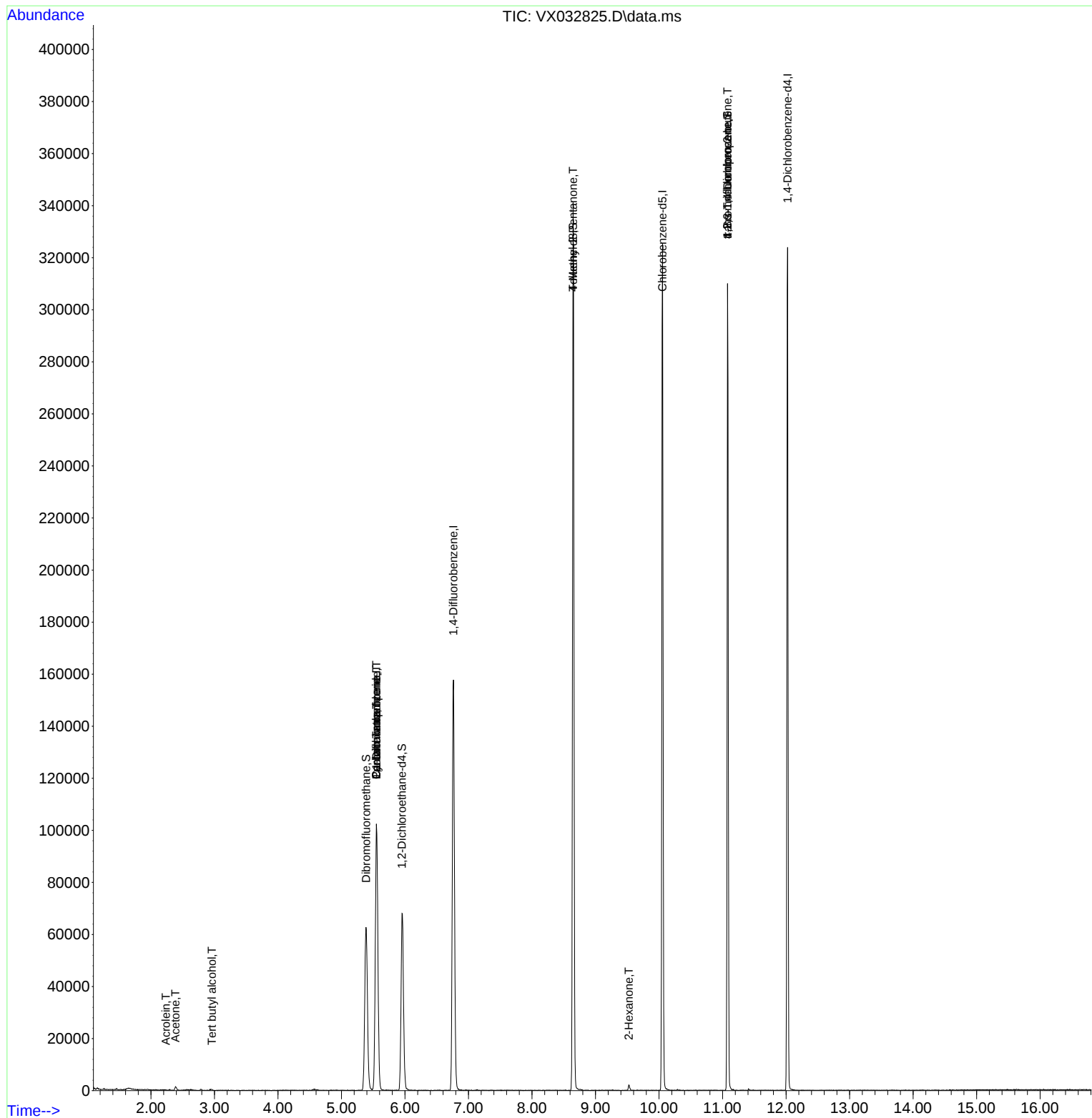
Internal Standards						
1) Pentafluorobenzene	5.550	168	97159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68850	51.000	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.000%			
35) Dibromofluoromethane	5.385	113	55095	47.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.360%			
50) Toluene-d8	8.647	98	199074	49.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.079	95	75849	48.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.640%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	249	1.267	ug/l #	72
13) Acrolein	2.233	56	52	0.265	ug/l #	81
16) Acetone	2.386	43	1715	3.495	ug/l	97
31) Cyclohexane	5.550	56	2094	1.279	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7424	4.613	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10113	5.666	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	904	0.558	ug/l #	1
59) 2-Hexanone	9.525	43	426	0.354	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	41781	27.748	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41781	88.294	ug/l #	6

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

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MH-140B-20221110

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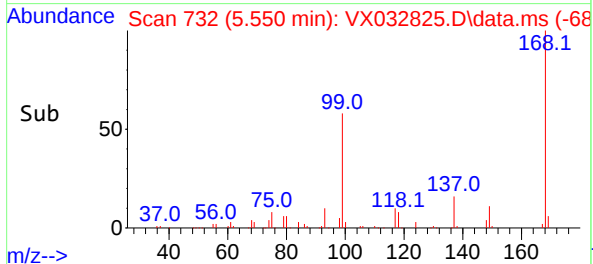
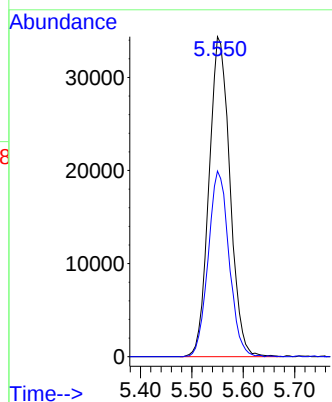
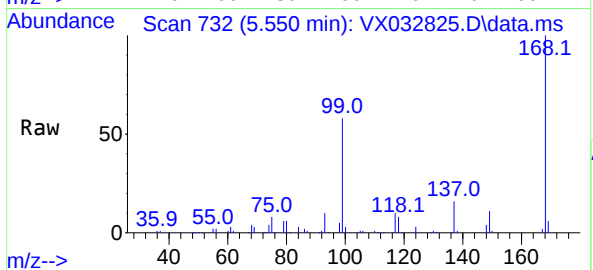




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

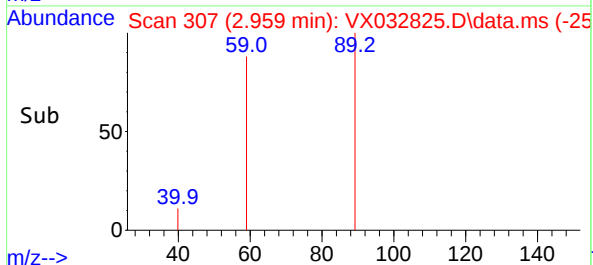
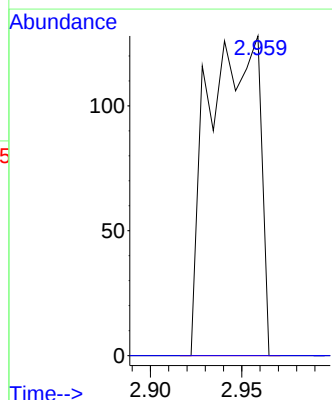
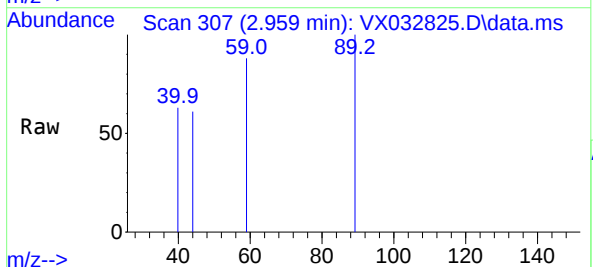
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20221110

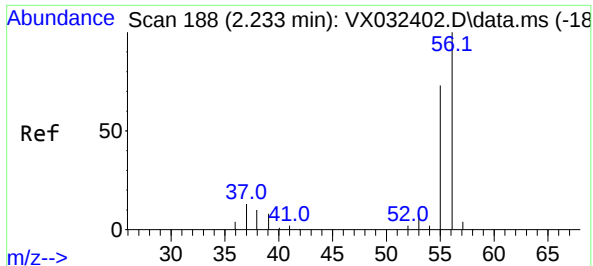
Tgt Ion:168 Resp: 97159
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 1.267 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

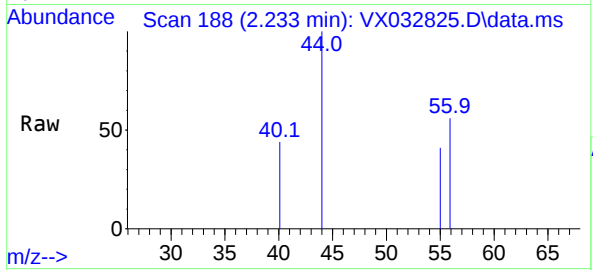
Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



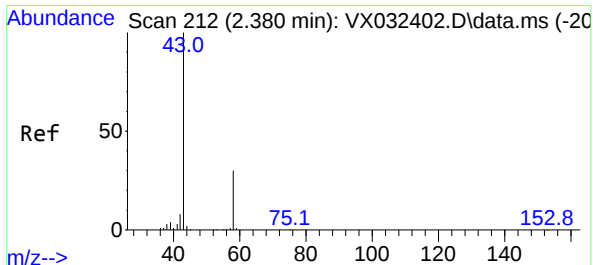
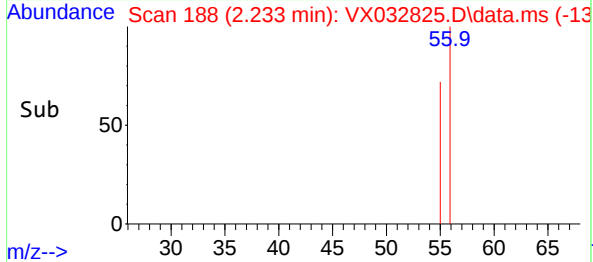
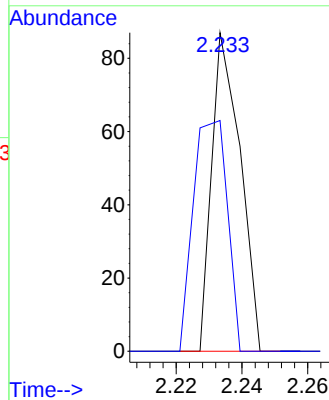


#13
Acrolein
Concen: 0.265 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20221110

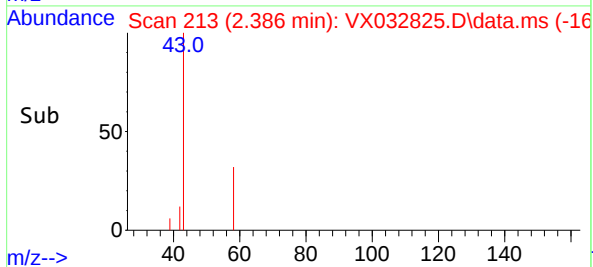
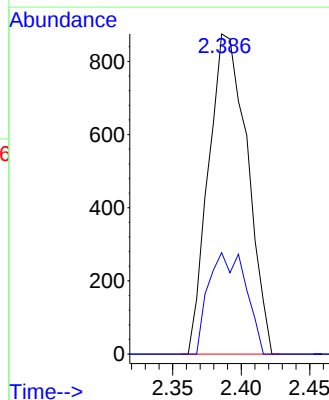
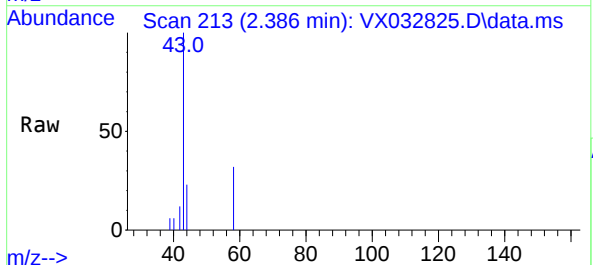


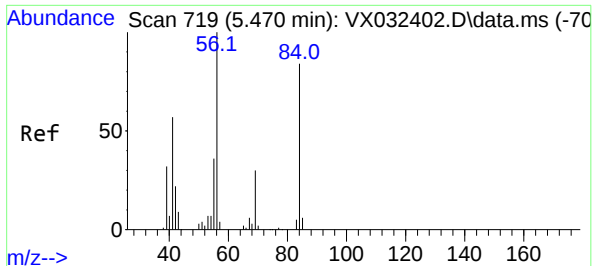
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 86.5 56.9 85.3#



#16
Acetone
Concen: 3.495 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

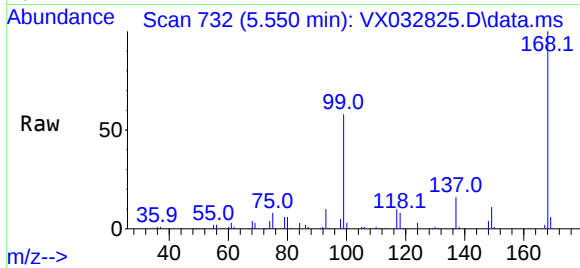
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.8



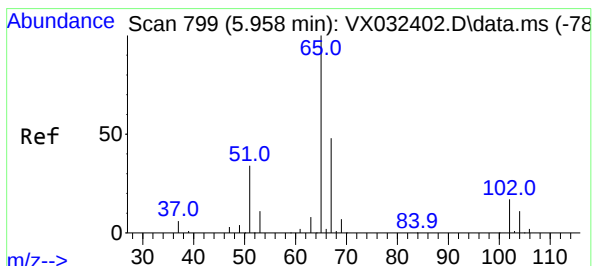
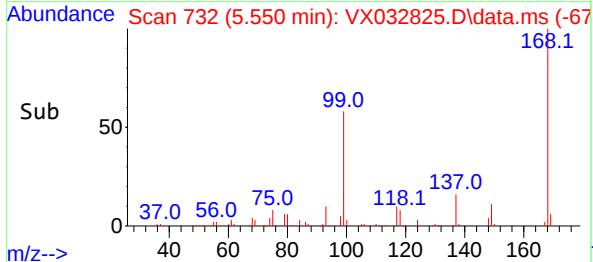
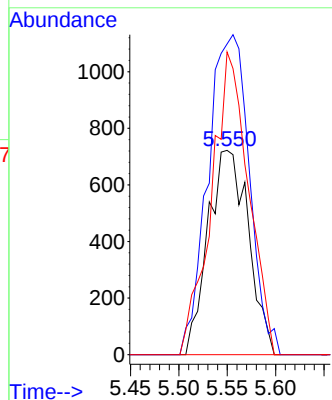


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20221110

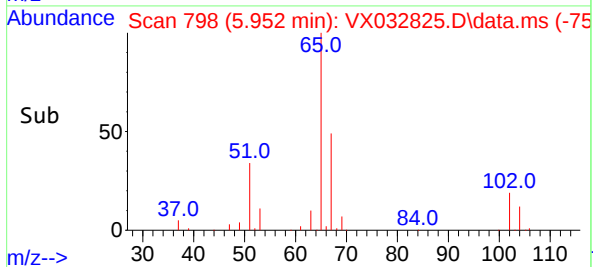
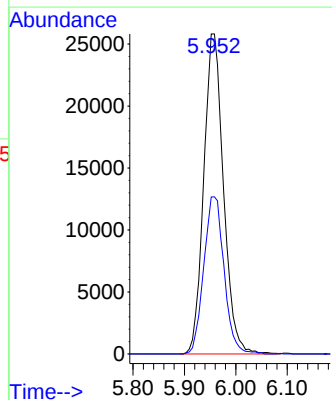
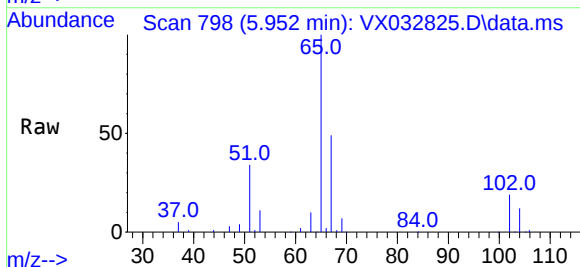


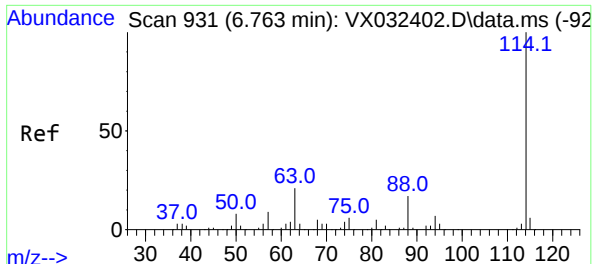
Tgt Ion: 56 Resp: 2094
Ion Ratio Lower Upper
56 100
69 152.1 24.1 36.1#
84 148.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.000 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Tgt Ion: 65 Resp: 68850
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

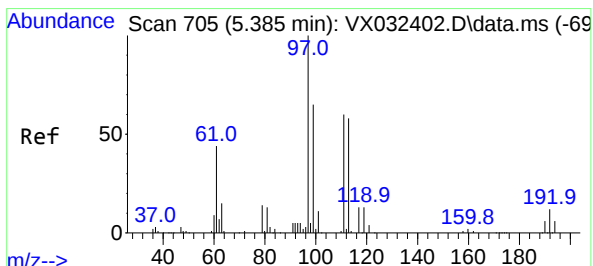
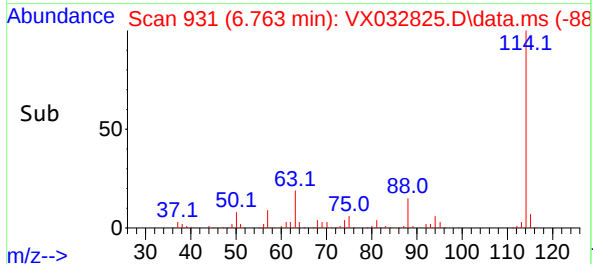
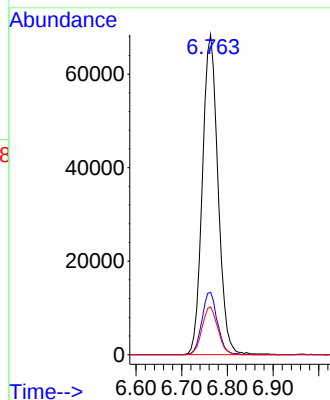
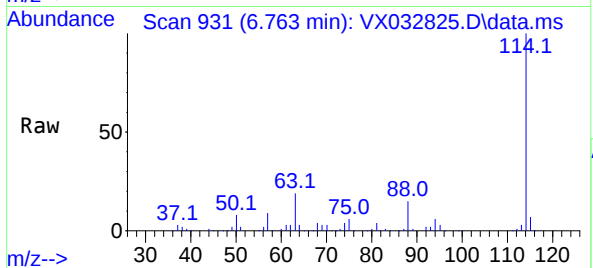




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

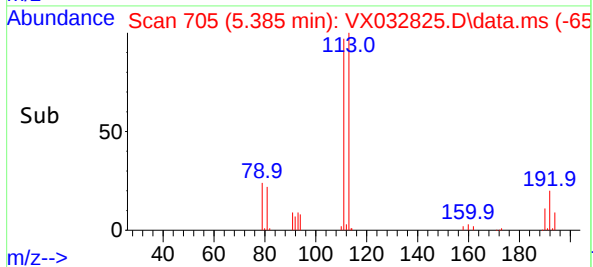
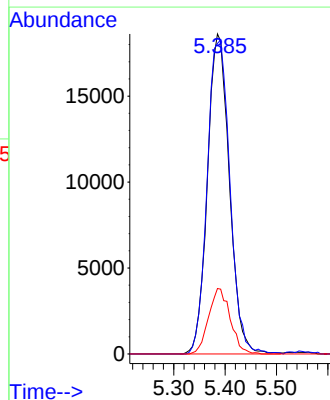
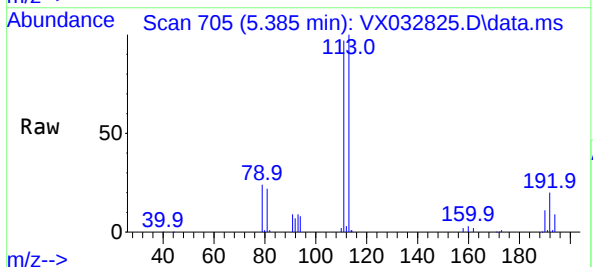
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20221110

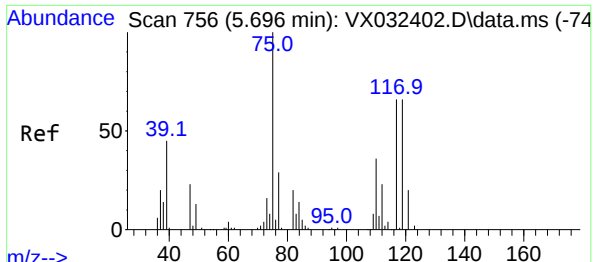
Tgt Ion:114 Resp: 162002
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.678 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Tgt Ion:113 Resp: 55095
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 20.2 15.4 23.2

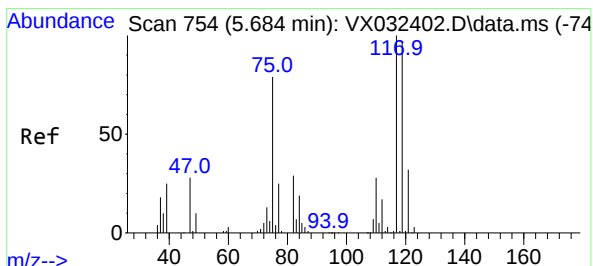
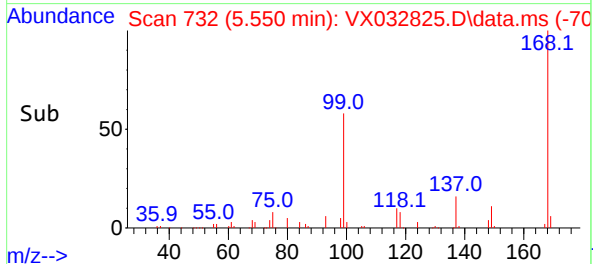
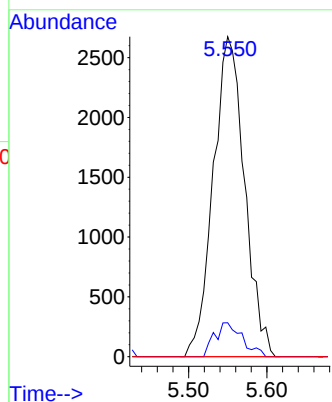
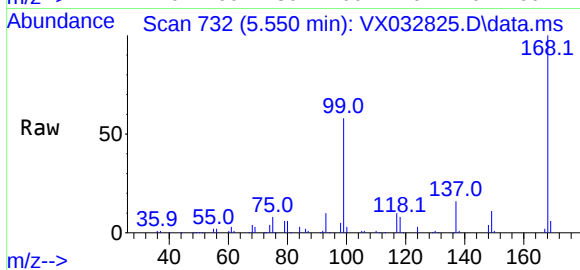




#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

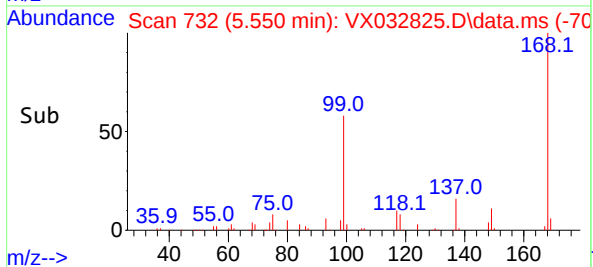
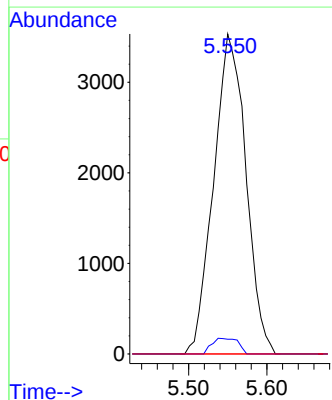
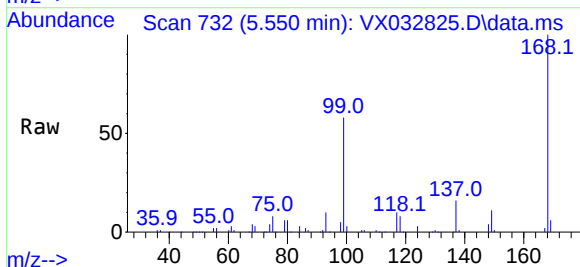
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20221110

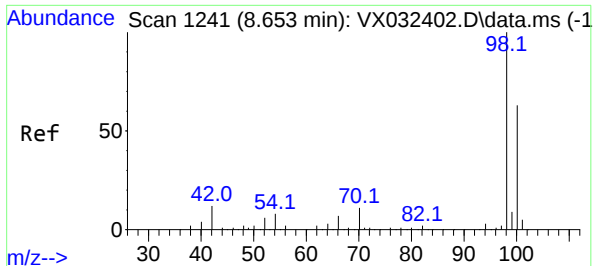
Tgt Ion: 75 Resp: 7424
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.666 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Tgt Ion: 117 Resp: 10113
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#

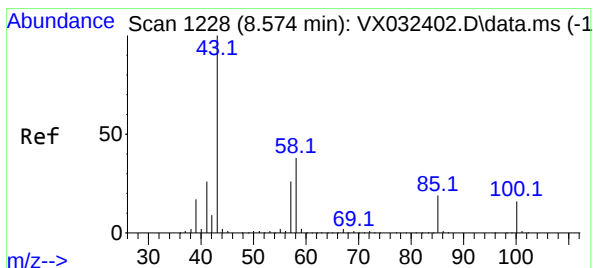
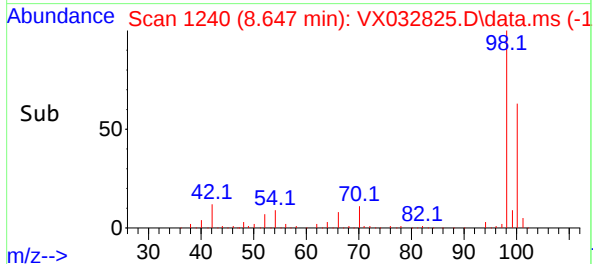
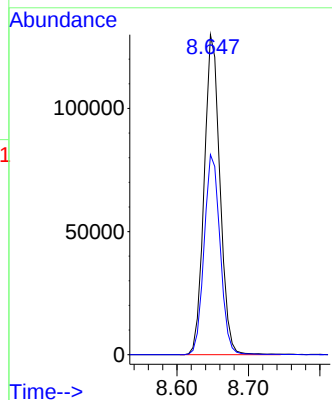
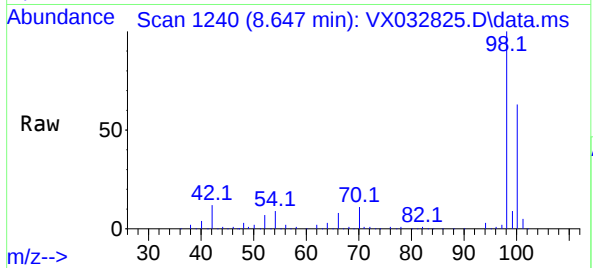




#50
Toluene-d8
Concen: 49.543 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

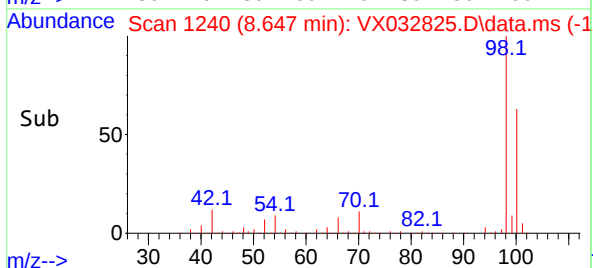
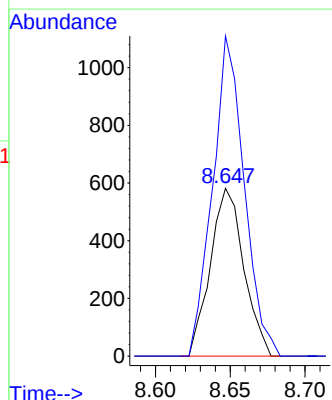
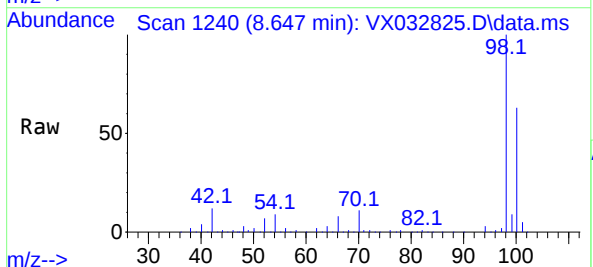
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MH-140B-20221110

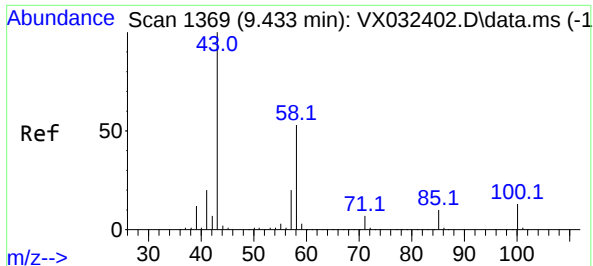
Tgt Ion: 98 Resp: 199074
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
58 180.8 30.9 46.3#





#59

2-Hexanone

Concen: 0.354 ug/l

RT: 9.525 min Scan# 11

Delta R.T. 0.091 min

Lab File: VX032825.D

Acq: 15 Nov 2022 16:12

Instrument :

MSVOA_X

ClientSampleId :

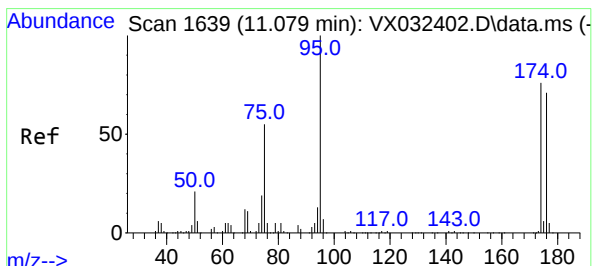
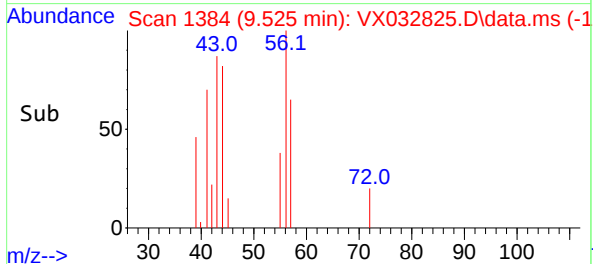
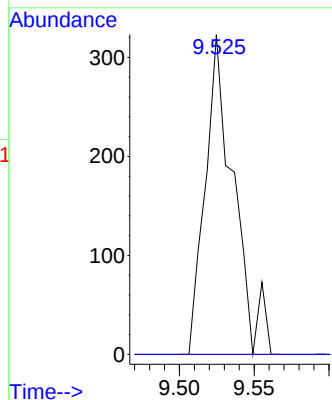
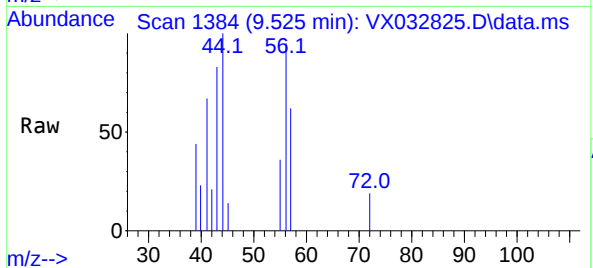
MH-140B-20221110

Tgt Ion: 43 Resp: 426

Ion Ratio Lower Upper

43 100

58 0.0 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 48.324 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032825.D

Acq: 15 Nov 2022 16:12

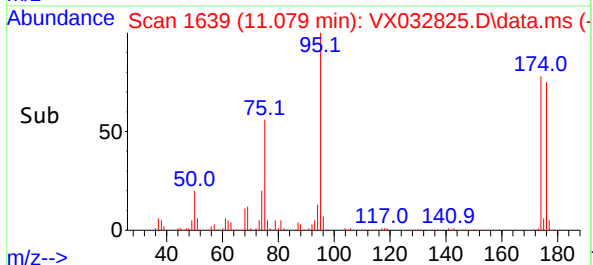
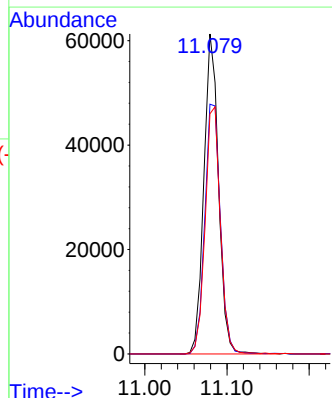
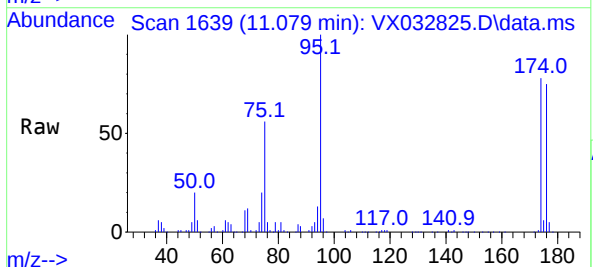
Tgt Ion: 95 Resp: 75849

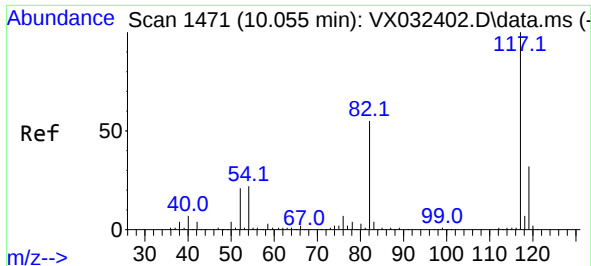
Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

176 80.2 0.0 154.4

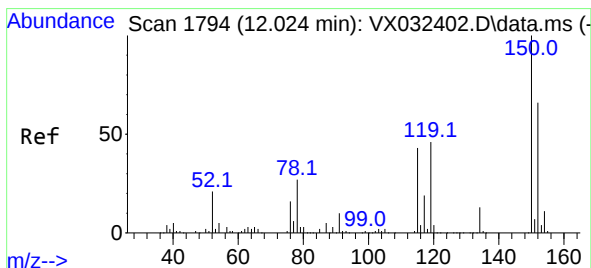
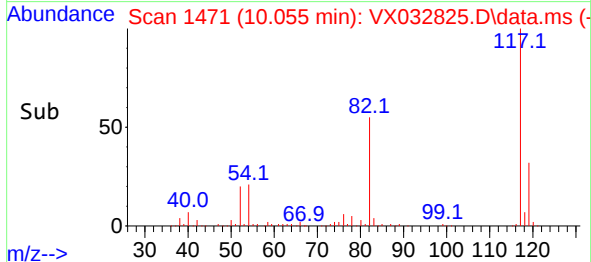
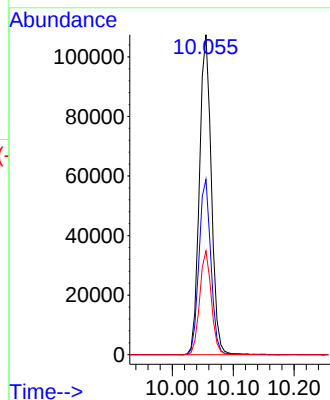
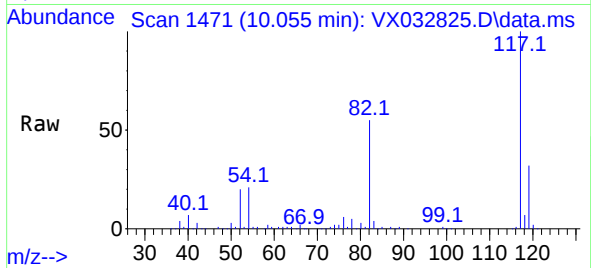




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

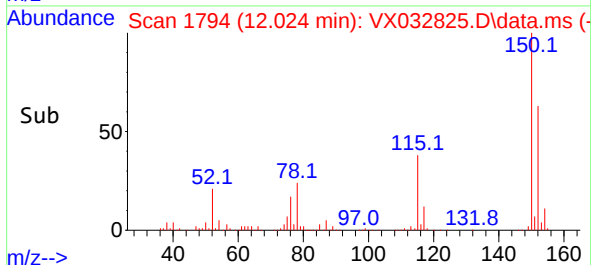
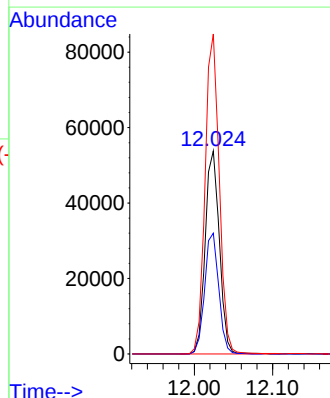
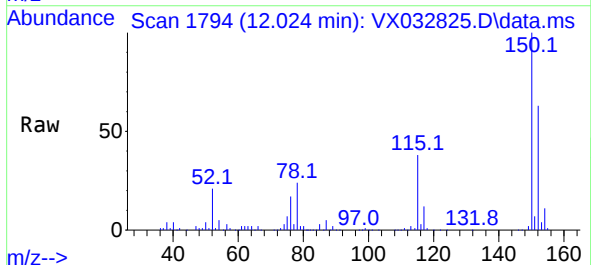
Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20221110

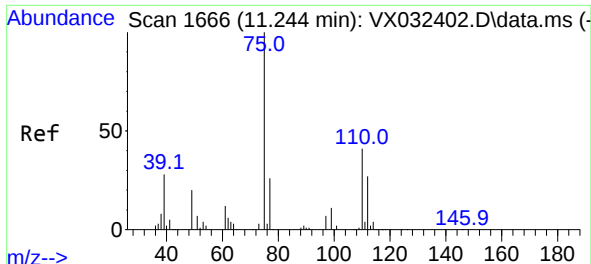
Tgt Ion:117 Resp: 145833
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Tgt Ion:152 Resp: 67681
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 156.8 0.0 351.8

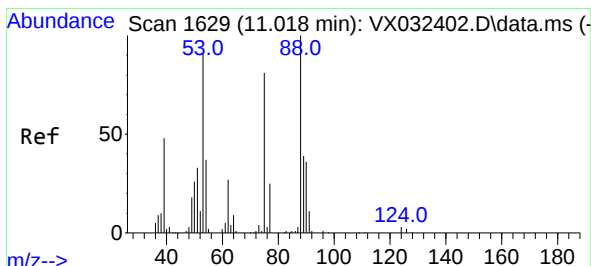
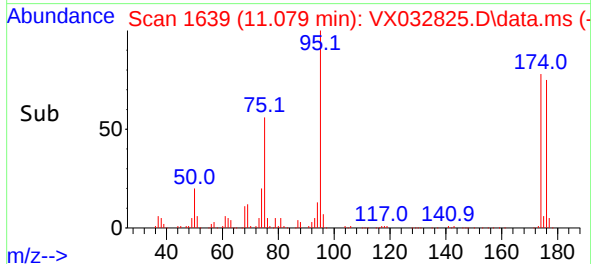
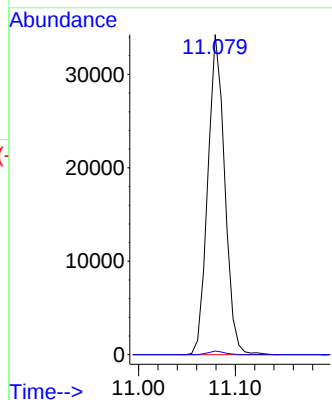
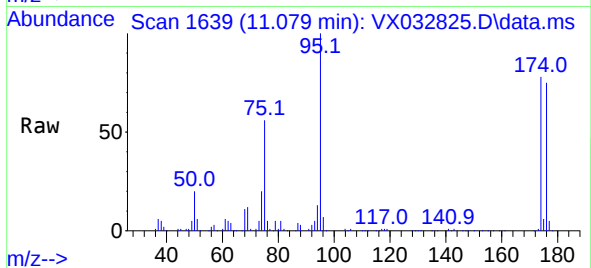




#76
1,2,3-Trichloropropane
Concen: 27.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Instrument :
MSVOA_X
ClientSampleId :
MH-140B-20221110

Tgt Ion: 75 Resp: 41781
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032825.D
Acq: 15 Nov 2022 16:12

Tgt Ion: 75 Resp: 41781
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

