

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031010.D
 Acq On : 01 Sep 2022 04:50
 Operator : JC/MD
 Sample : N4454-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13B-45-50-083022

Quant Time: Sep 06 02:32:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

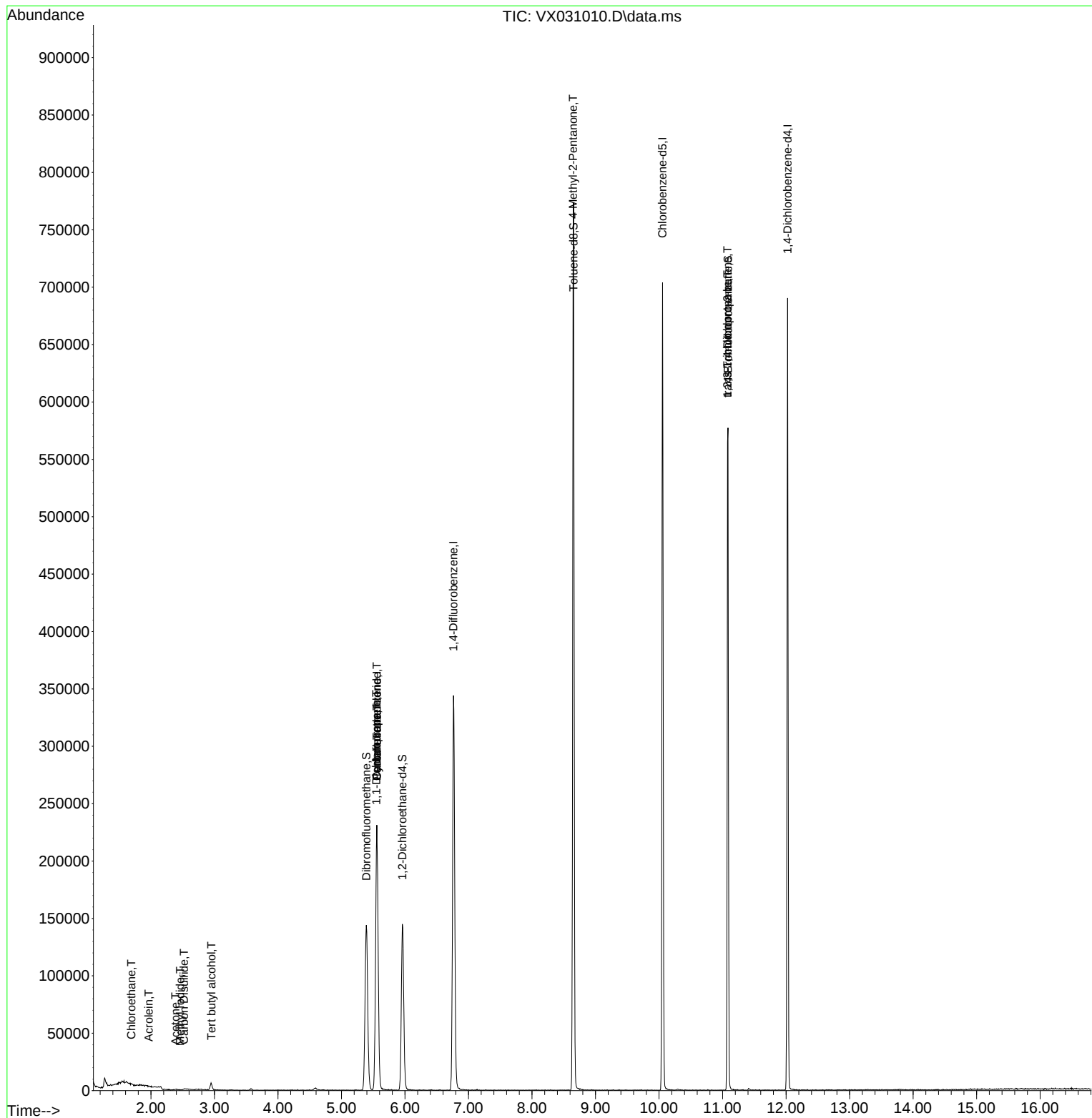
Internal Standards						
1) Pentafluorobenzene	5.556	168	224640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	375066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137435	42.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.320%		
35) Dibromofluoromethane	5.391	113	131578	47.591	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.653	98	487766	47.638	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.280%		
62) 4-Bromofluorobenzene	11.085	95	166127	45.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.120%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	380	Below Cal	#	55
6) Chloroethane	1.691	64	2243	1.318	ug/l #	49
10) Methyl Iodide	2.459	142	252	4.466	ug/l #	45
11) Tert butyl alcohol	2.953	59	3208	4.203	ug/l #	74
13) Acrolein	1.965	56	43	7.382	ug/l #	79
16) Acetone	2.386	43	867	0.596	ug/l #	71
17) Carbon Disulfide	2.520	76	2864	0.397	ug/l #	91
31) Cyclohexane	5.556	56	3983	0.835	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15644	3.807	ug/l #	44
38) Carbon Tetrachloride	5.556	117	22389	5.723	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1600	0.362	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76748	21.153	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	76748	62.892	ug/l #	13

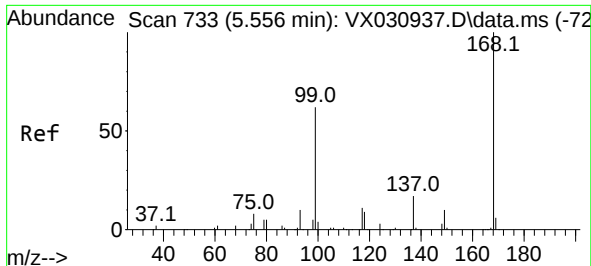
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-13B-45-50-083022

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Quant Title : SW846 8260
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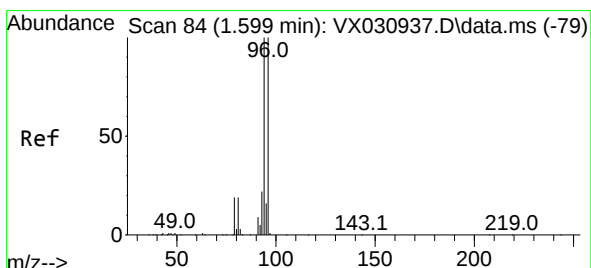
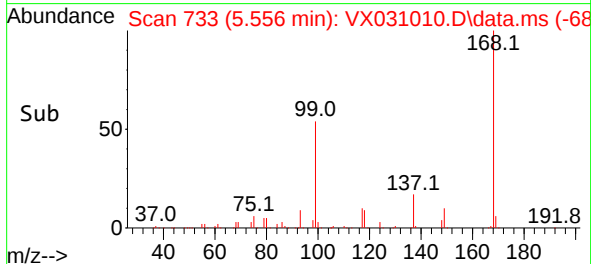
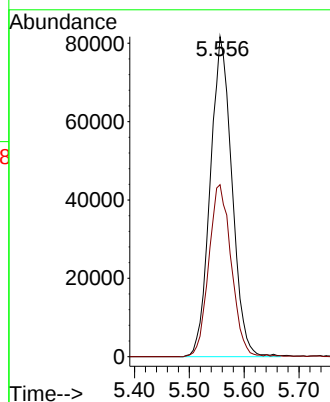
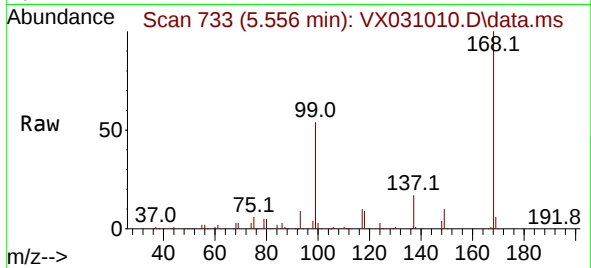




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

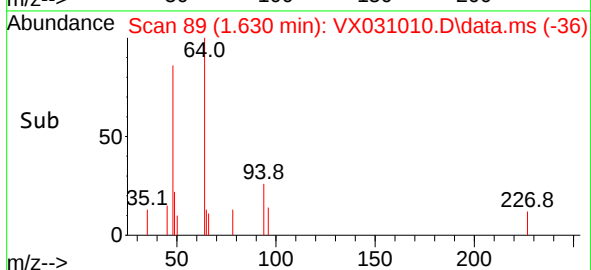
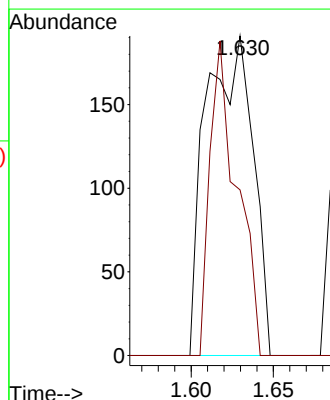
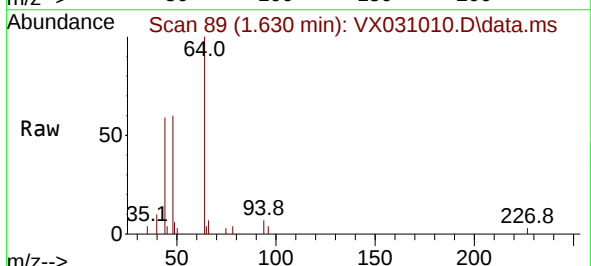
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-45-50-083022

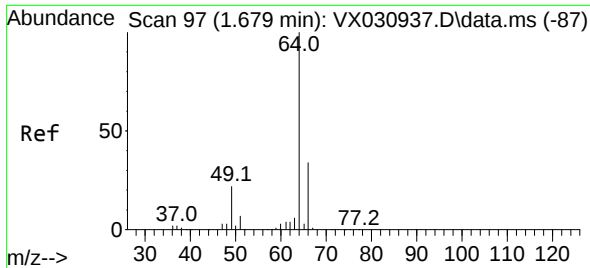
Tgt Ion:168 Resp: 224640
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.025 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 51.8 76.9 115.3#

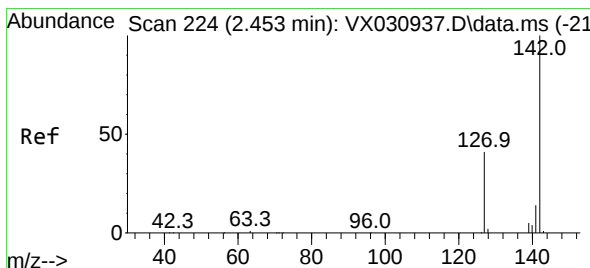
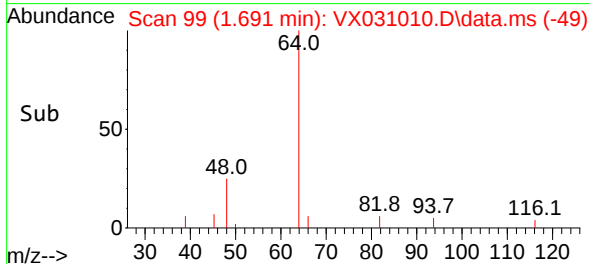
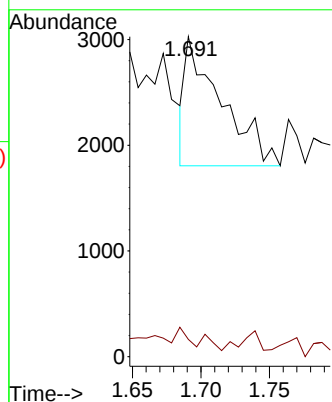
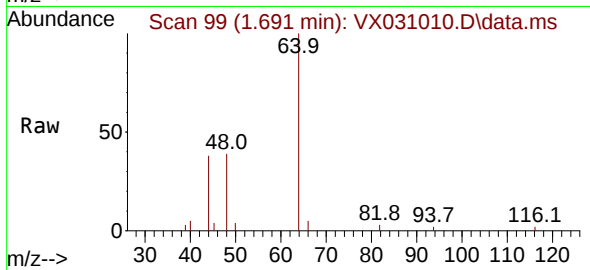




#6
Chloroethane
Concen: 1.318 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

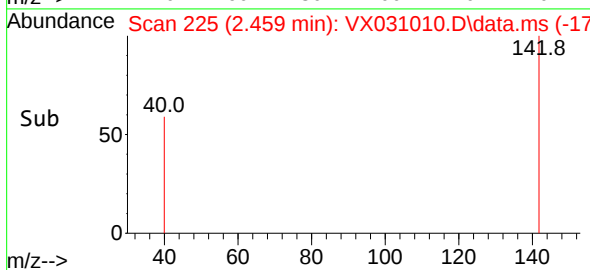
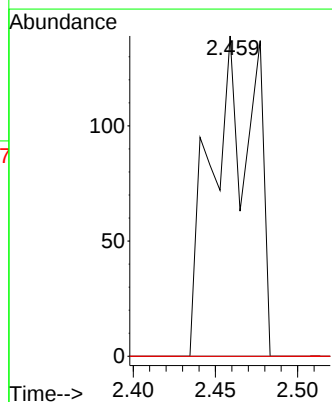
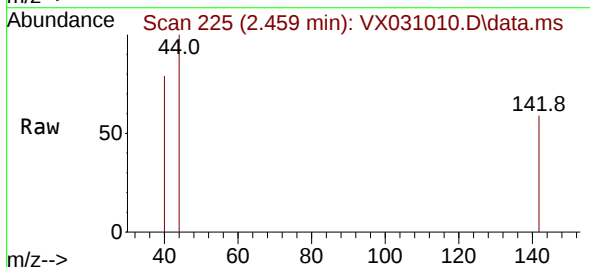
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-45-50-083022

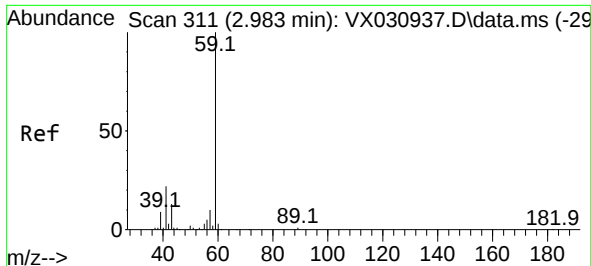
Tgt Ion: 64 Resp: 2243
Ion Ratio Lower Upper
64 100
66 4.5 27.2 40.8#



#10
Methyl Iodide
Concen: 4.466 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 142 Resp: 252
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

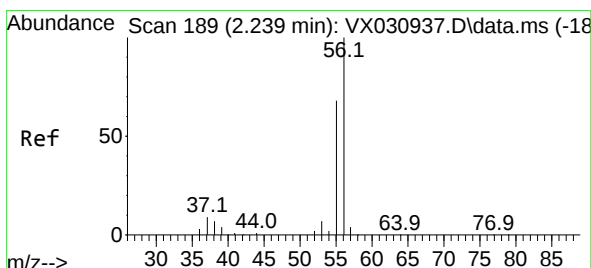
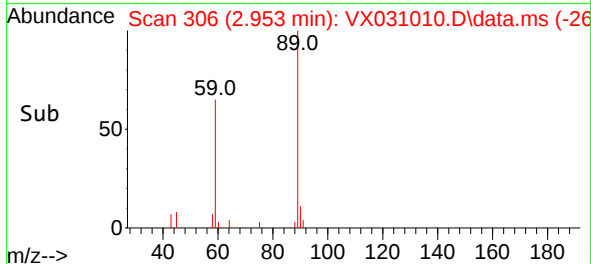
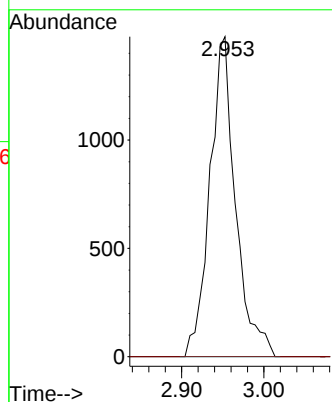
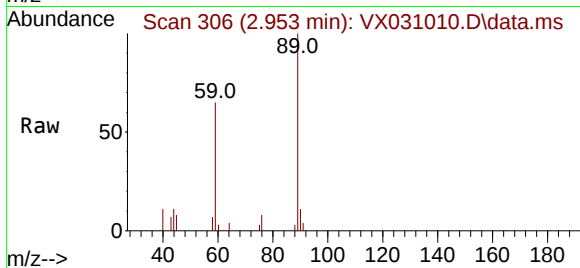




#11
Tert butyl alcohol
Concen: 4.203 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

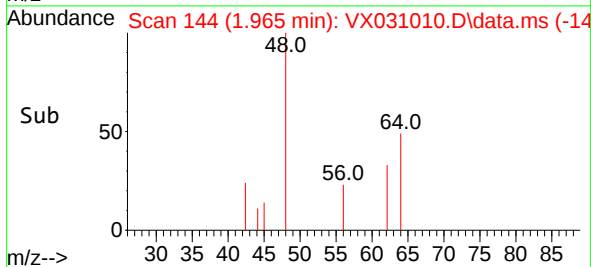
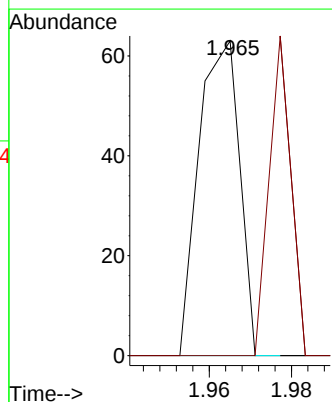
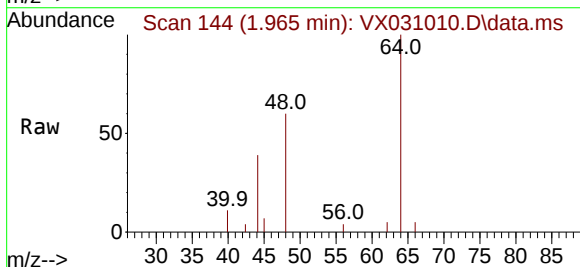
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-45-50-083022

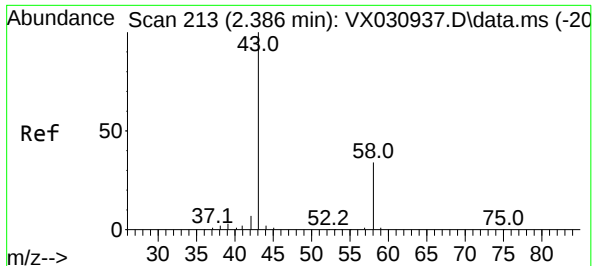
Tgt Ion: 59 Resp: 3208
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 7.382 ug/l
RT: 1.965 min Scan# 144
Delta R.T. -0.274 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 53.5 56.6 84.8#

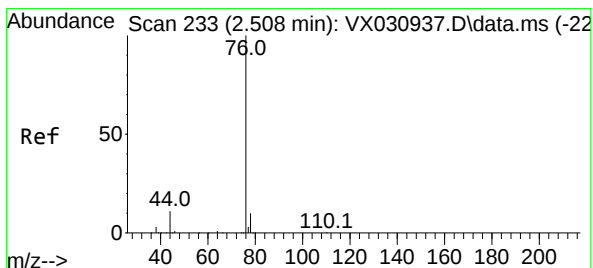
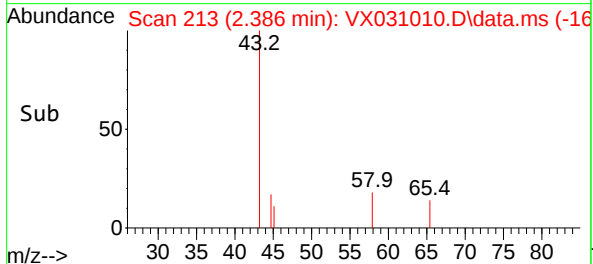
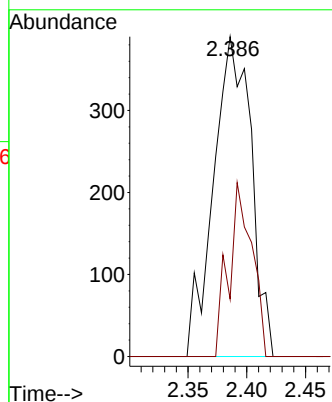
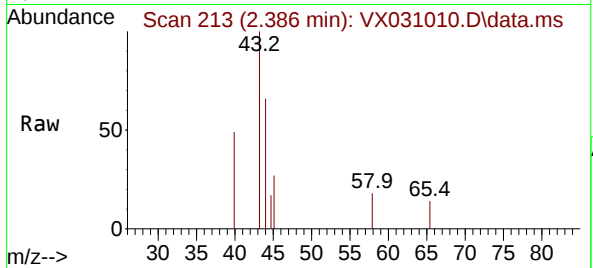




#16
Acetone
Concen: 0.596 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

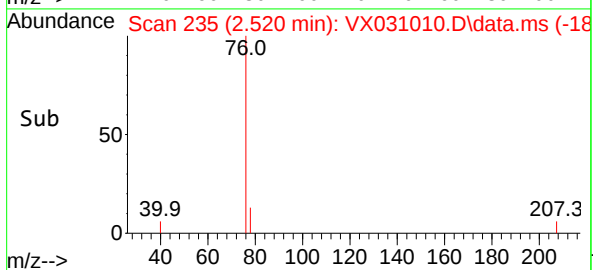
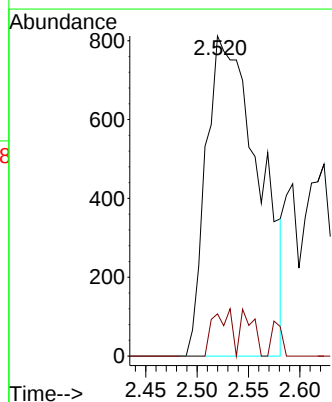
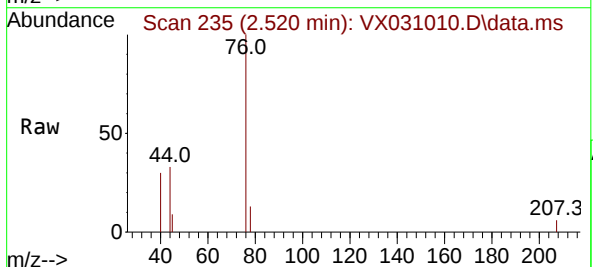
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-45-50-083022

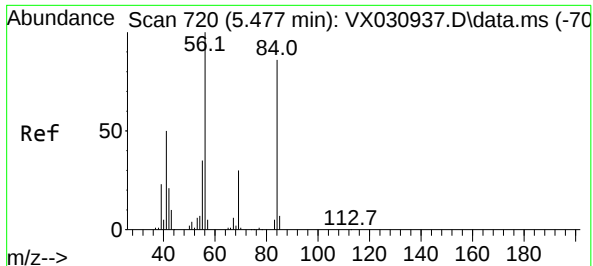
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 17.9 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.397 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 76 Resp: 2864
Ion Ratio Lower Upper
76 100
78 13.2 7.8 11.6#

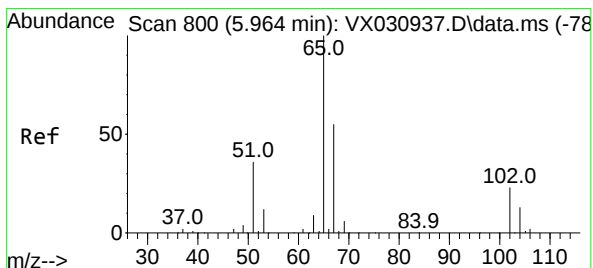
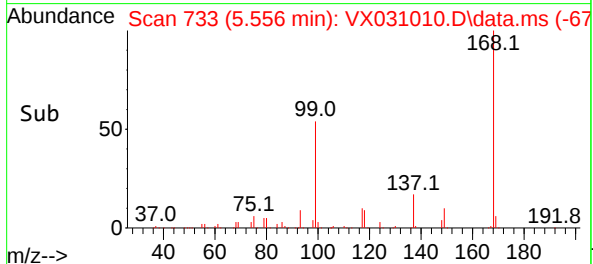
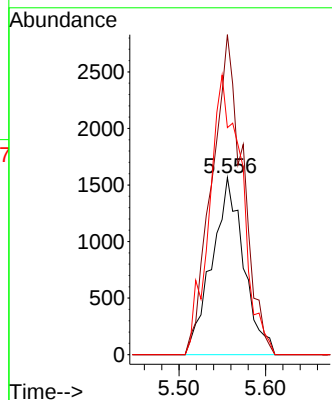
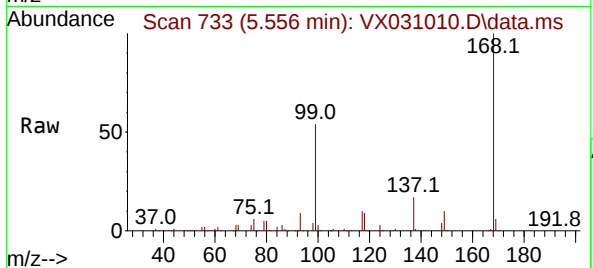




#31
Cyclohexane
Concen: 0.835 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

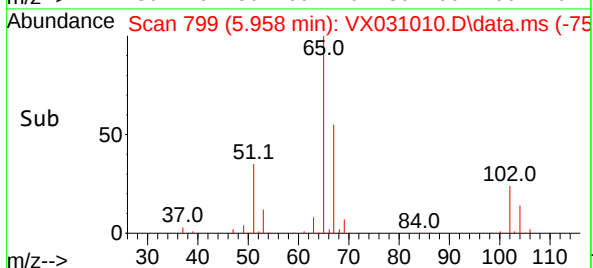
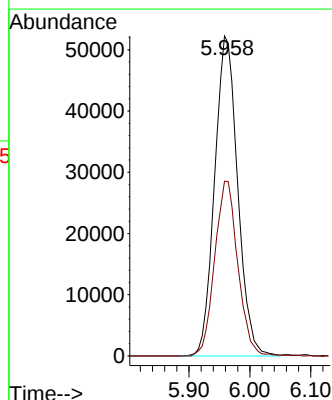
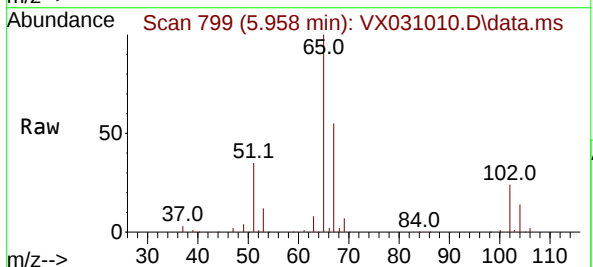
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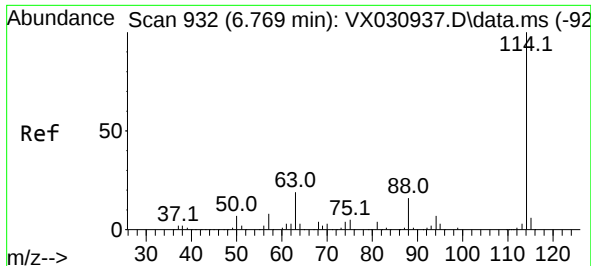
Tgt Ion: 56 Resp: 3983
Ion Ratio Lower Upper
56 100
69 180.7 25.4 38.0#
84 128.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 42.655 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 65 Resp: 137435
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

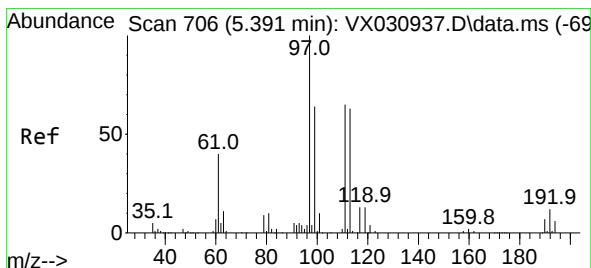
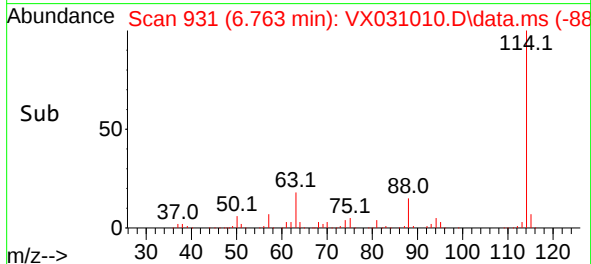
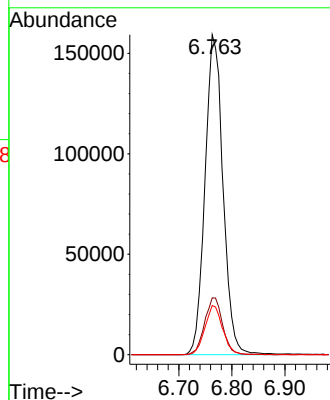
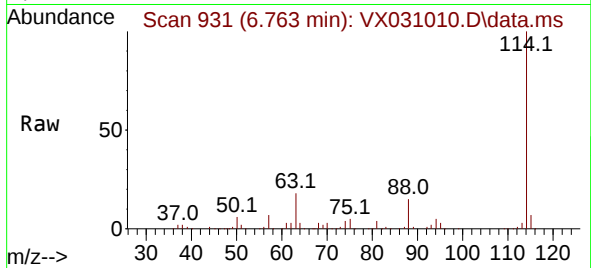




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

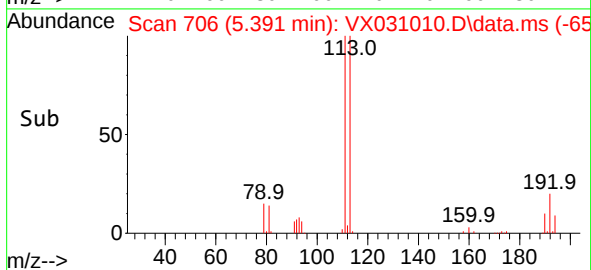
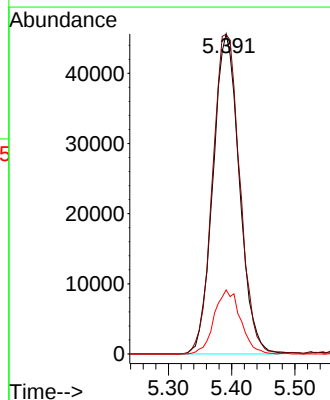
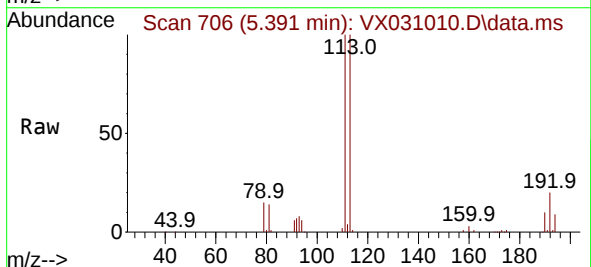
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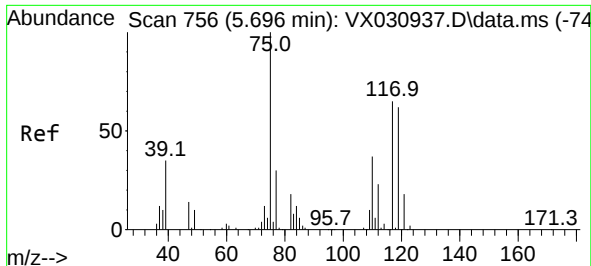
Tgt Ion:114 Resp: 375066
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.591 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion:113 Resp: 131578
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 20.0 14.8 22.2

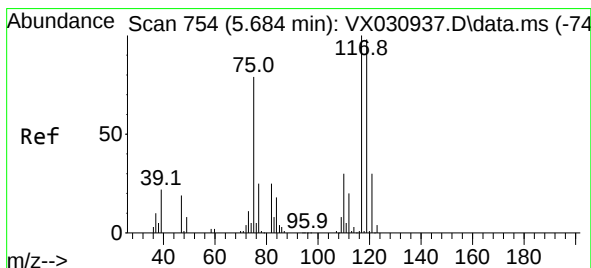
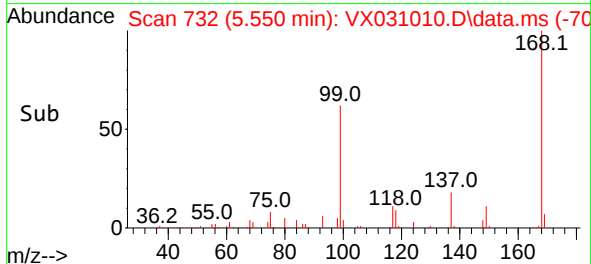
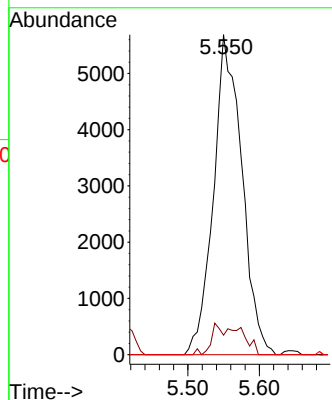
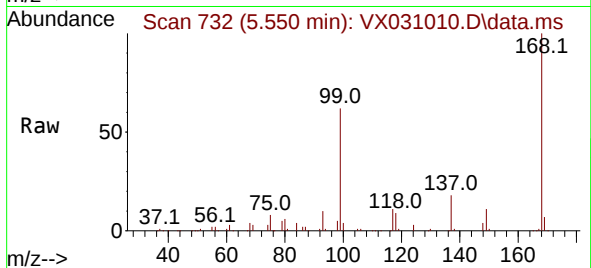




#36
1,1-Dichloropropene
Concen: 3.807 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

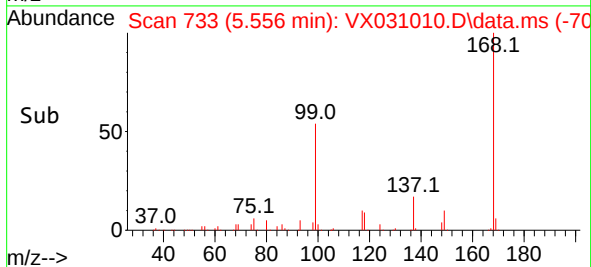
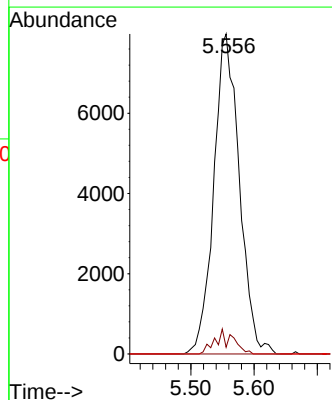
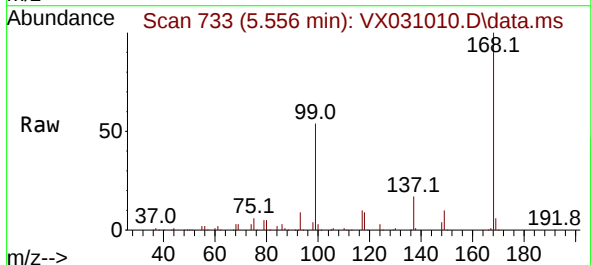
Instrument :
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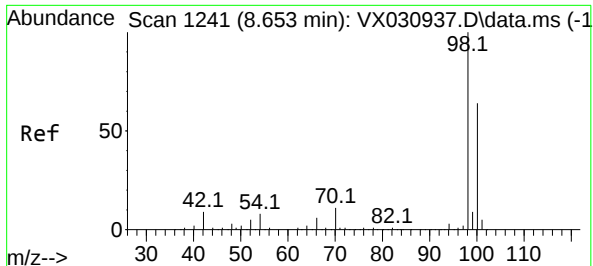
Tgt Ion: 75 Resp: 15644
Ion Ratio Lower Upper
75 100
110 4.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 117 Resp: 22389
Ion Ratio Lower Upper
117 100
119 2.1 74.1 111.1#
121 0.0 25.8 38.8#

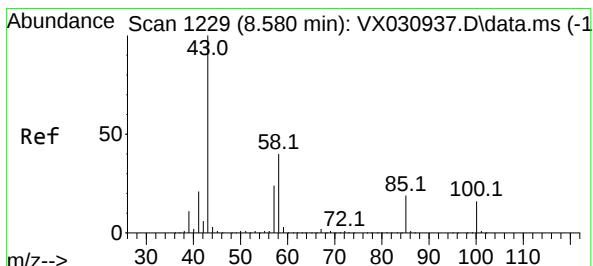
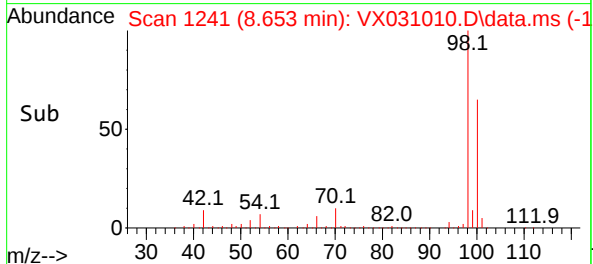
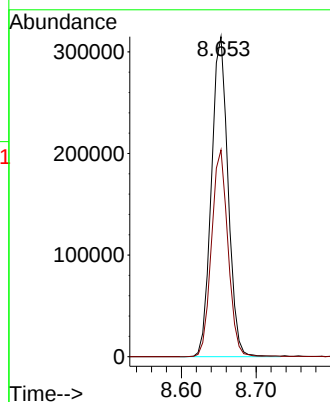
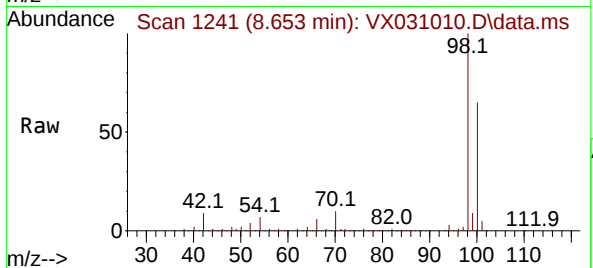




#50
Toluene-d8
Concen: 47.638 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

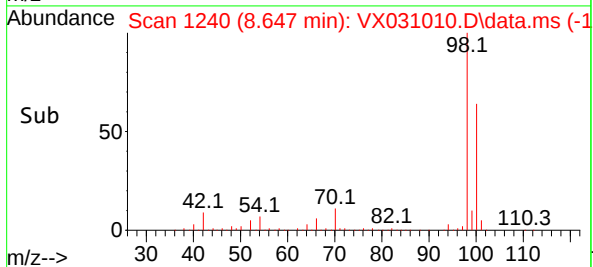
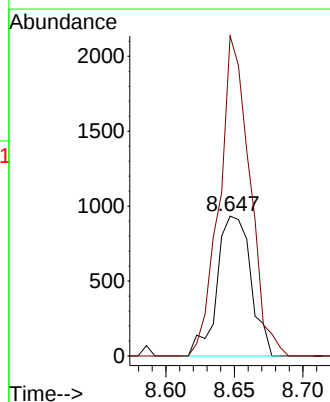
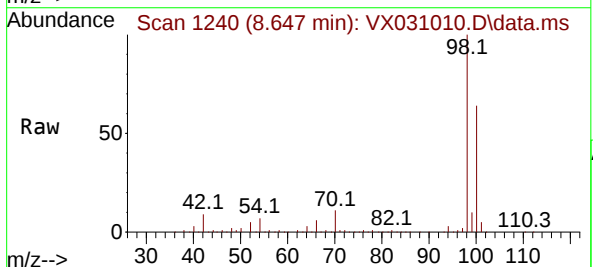
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-45-50-083022

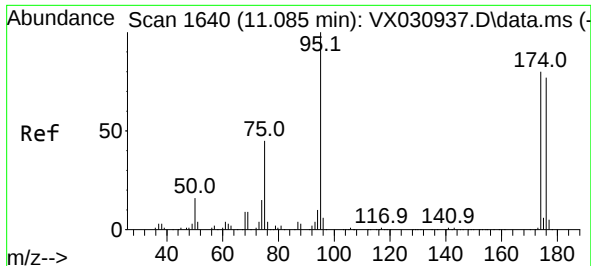
Tgt Ion: 98 Resp: 487766
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.362 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 205.9 31.4 47.2#

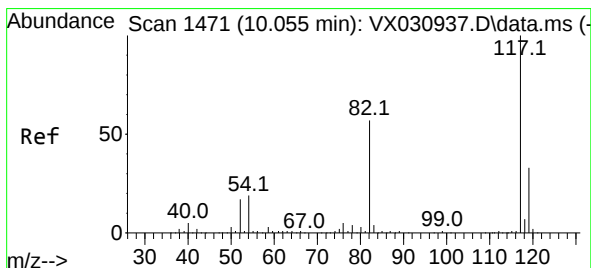
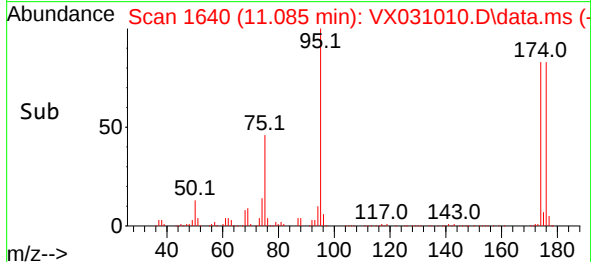
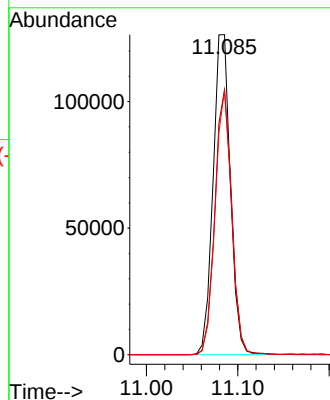
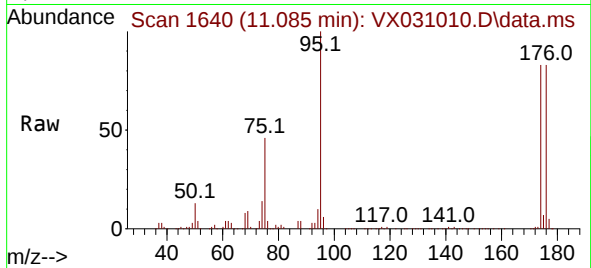




#62
4-Bromofluorobenzene
Concen: 45.562 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

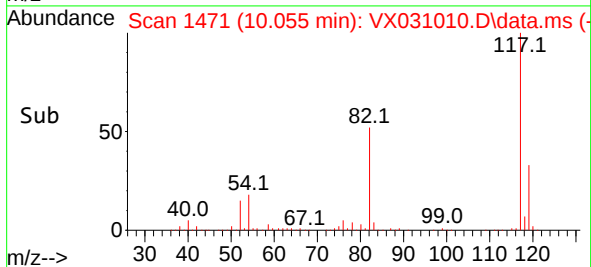
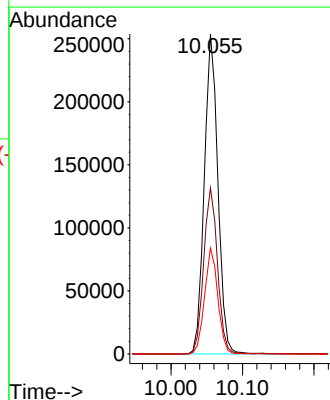
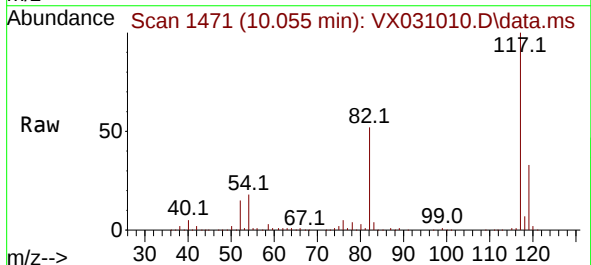
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-45-50-083022

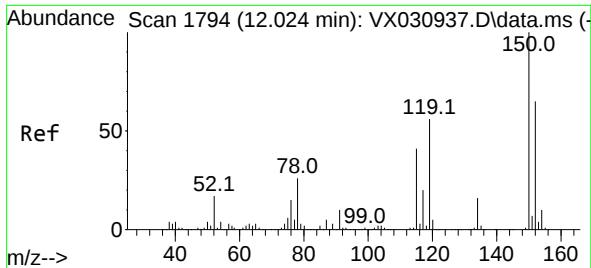
Tgt Ion: 95 Resp: 166127
Ion Ratio Lower Upper
95 100
174 80.7 0.0 149.0
176 78.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 117 Resp: 335453
Ion Ratio Lower Upper
117 100
82 51.9 42.7 64.1
119 33.1 25.4 38.2

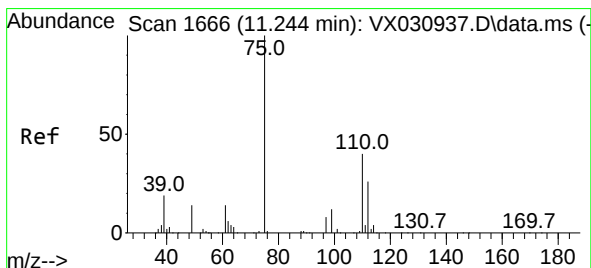
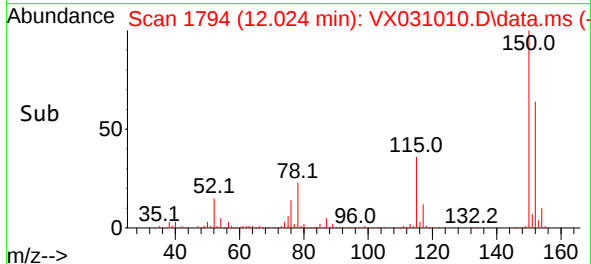
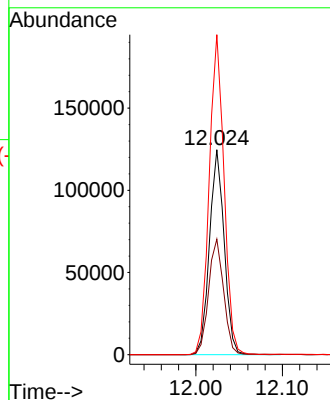
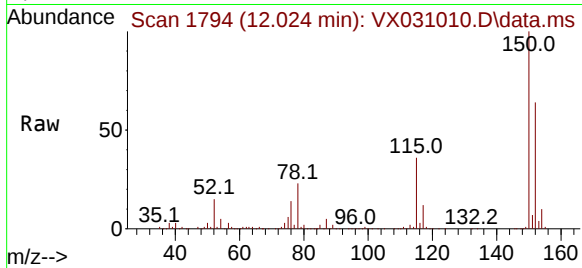




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

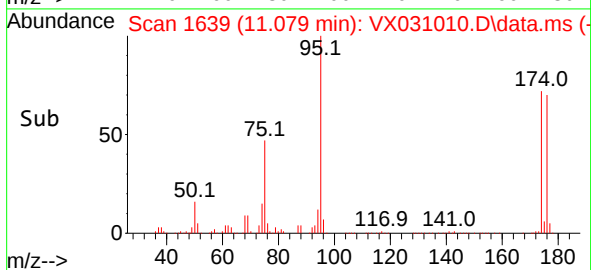
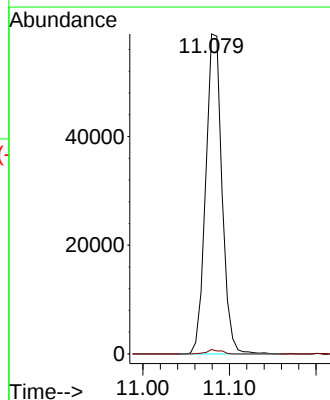
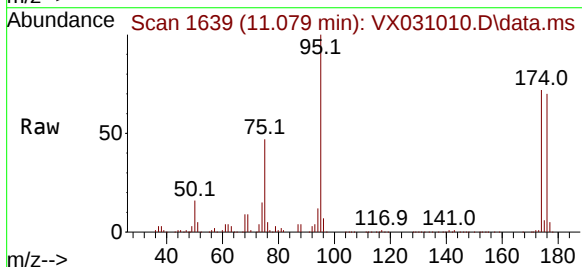
Instrument :
MSVOA_X
ClientSampleId :
MW-13B-45-50-083022

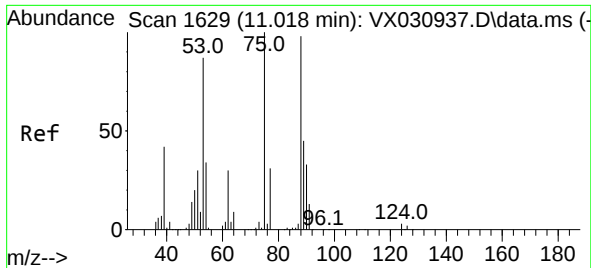
Tgt Ion:152 Resp: 147374
Ion Ratio Lower Upper
152 100
115 57.7 40.5 121.5
150 156.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031010.D
Acq: 01 Sep 2022 04:50

Tgt Ion: 75 Resp: 76748
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.892 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031010.D
 Acq: 01 Sep 2022 04:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13B-45-50-083022

Tgt Ion: 75 Resp: 76748
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

