

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031000.D
 Acq On : 01 Sep 2022 00:56
 Operator : JC/MD
 Sample : N4380-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Quant Time: Sep 06 02:28:19 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

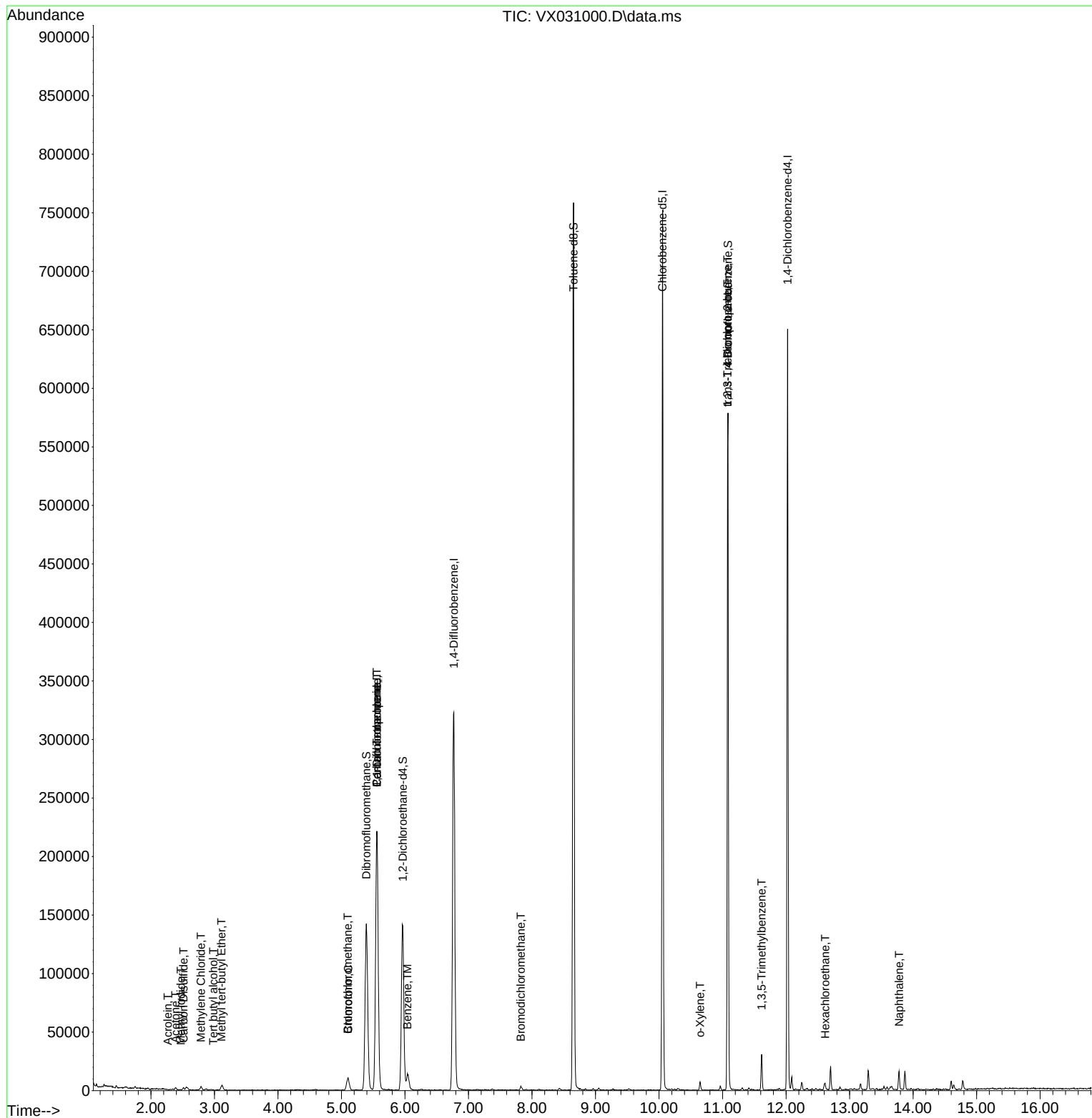
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	221453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	372140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138438	43.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	5.391	113	129528	47.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.653	98	478244	47.075	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.160%
62) 4-Bromofluorobenzene	11.085	95	158850	43.909	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.820%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	376	Below Cal	#	35
10) Methyl Iodide	2.471	142	298	4.484	ug/l #	77
11) Tert butyl alcohol	2.983	59	368	0.489	ug/l #	74
13) Acrolein	2.264	56	55	7.414	ug/l #	14
16) Acetone	2.386	43	1851	1.291	ug/l #	79
17) Carbon Disulfide	2.514	76	2435	0.343	ug/l #	79
19) Methyl tert-butyl Ether	3.111	73	4447	0.507	ug/l #	88
20) Methylene Chloride	2.788	84	1085	0.333	ug/l	88
28) Bromochloromethane	5.099	49	835	0.490	ug/l #	12
30) Chloroform	5.105	83	13233	2.421	ug/l	89
36) 1,1-Dichloropropene	5.556	75	15806	3.877	ug/l #	45
38) Carbon Tetrachloride	5.556	117	21558	5.554	ug/l #	19
40) Benzene	6.038	78	16600	1.413	ug/l	91
47) Bromodichloromethane	7.824	83	2269	0.551	ug/l	98
69) o-Xylene	10.646	106	1627	0.302	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	73832	21.387	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.616	105	14070	1.505	ug/l	75
81) trans-1,4-Dichloro-2-b...	11.079	75	73832	63.586	ug/l #	13
90) Hexachloroethane	12.616	117	359	0.207	ug/l #	16
95) Naphthalene	13.780	128	10027	0.816	ug/l #	92

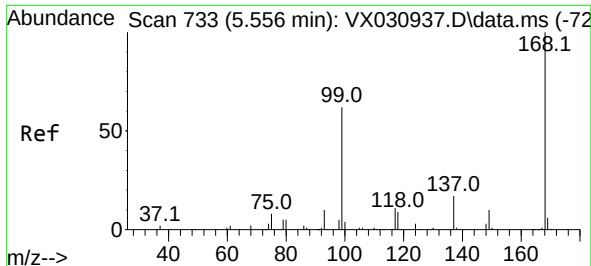
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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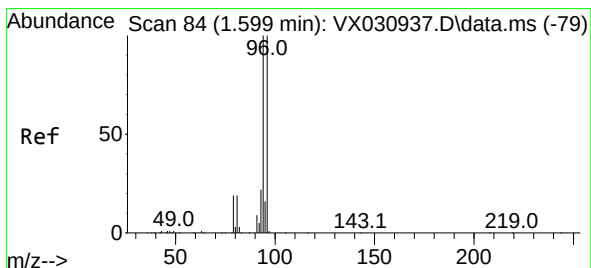
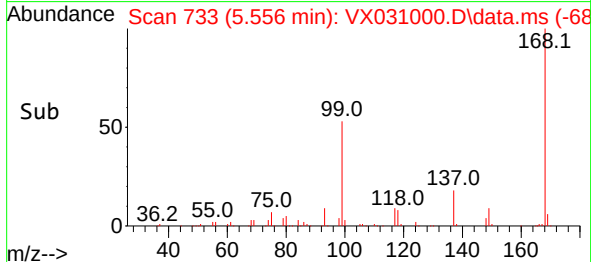
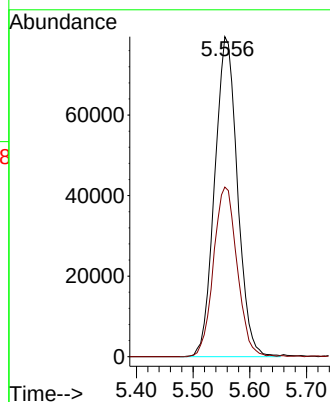
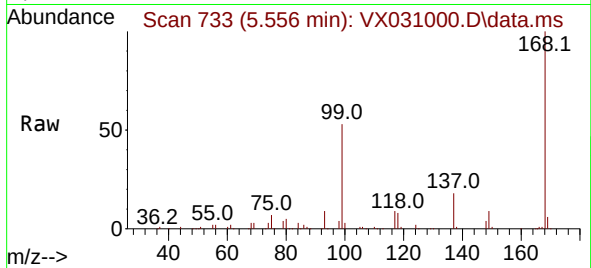




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

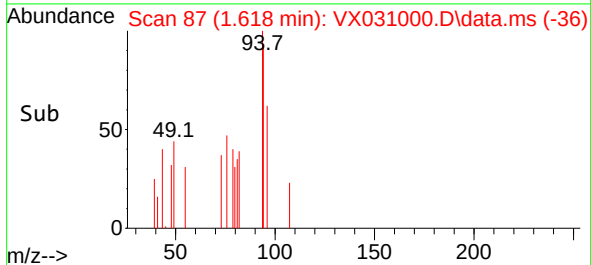
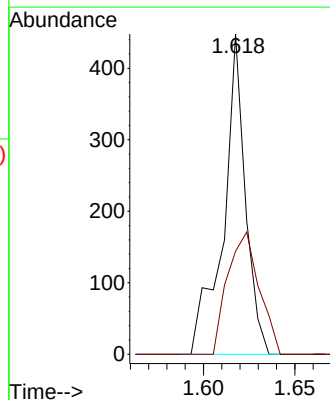
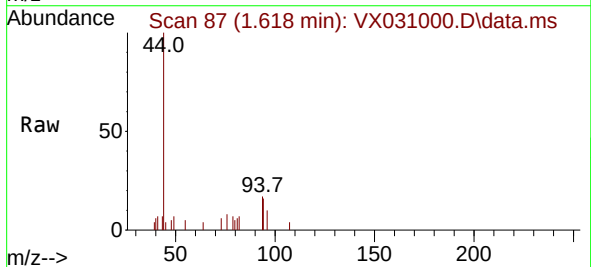
Instrument :
MSVOA_X
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MW-33

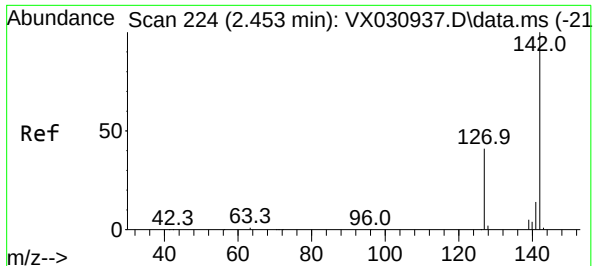
Tgt Ion:168 Resp: 221453
Ion Ratio Lower Upper
168 100
99 53.0 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 32.1 76.9 115.3#

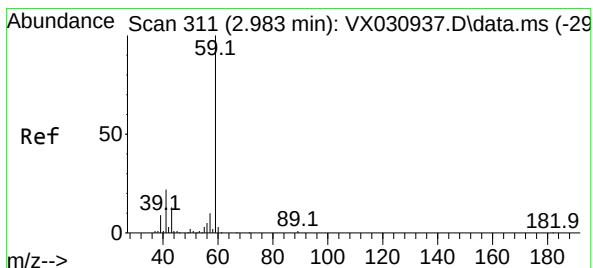
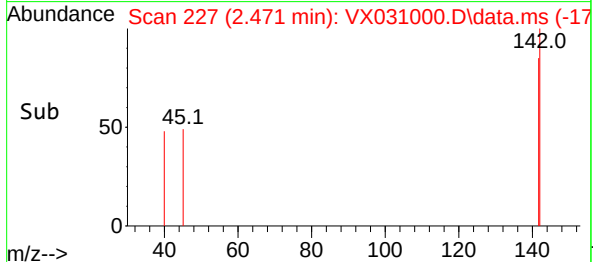
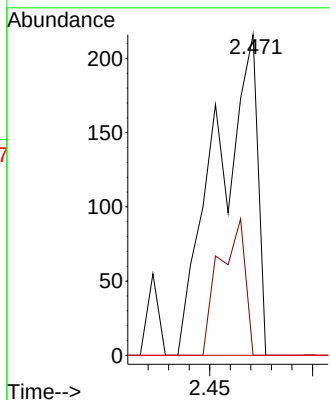
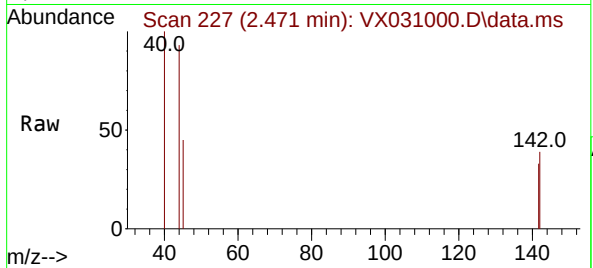




#10
Methyl Iodide
Concen: 4.484 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

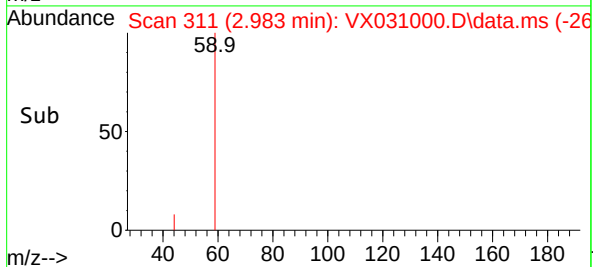
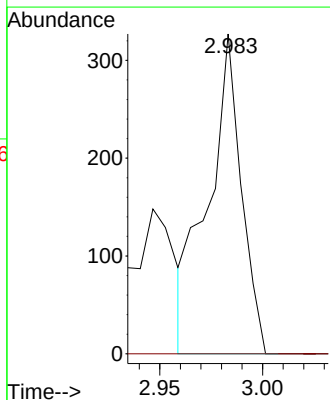
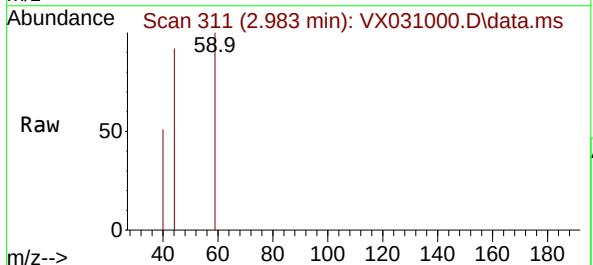
Instrument :
MSVOA_X
ClientSampleId :
MW-33

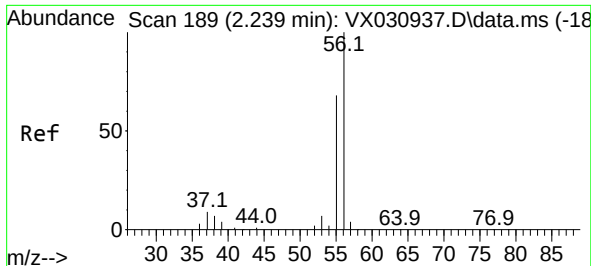
Tgt Ion:142 Resp: 298
Ion Ratio Lower Upper
142 100
127 26.8 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.489 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: 7.414 ug/l

RT: 2.264 min Scan# 193

Delta R.T. 0.025 min

Lab File: VX031000.D

Acq: 01 Sep 2022 00:56

Instrument :

MSVOA_X

ClientSampleId :

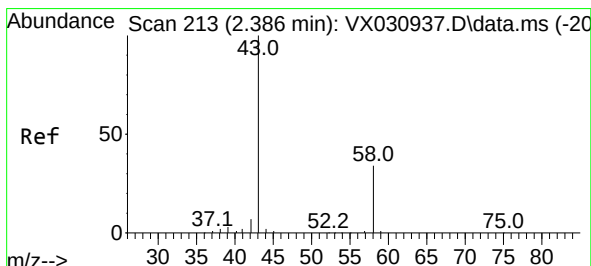
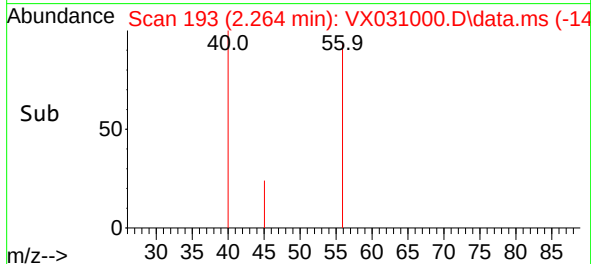
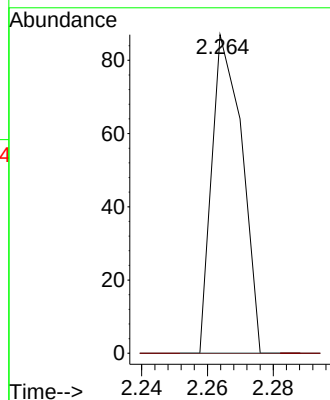
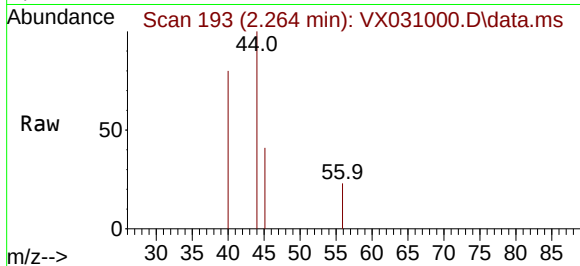
MW-33

Tgt Ion: 56 Resp: 55

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.291 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031000.D

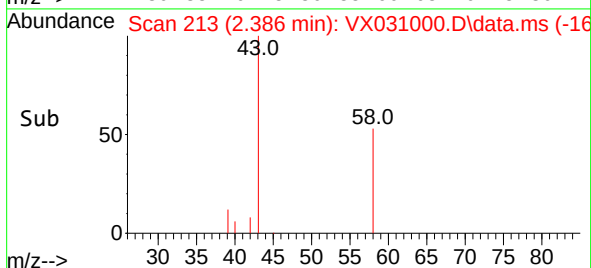
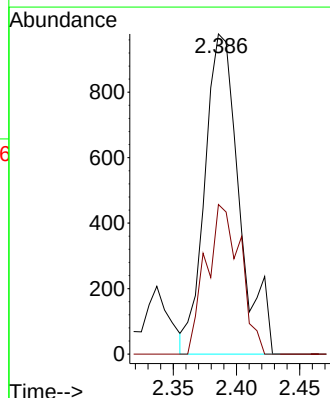
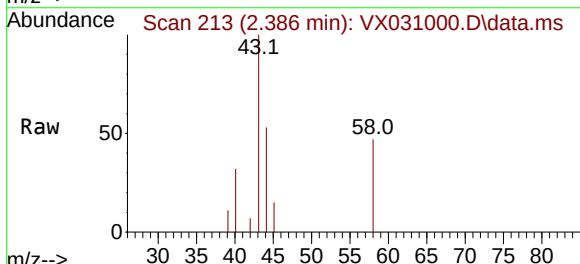
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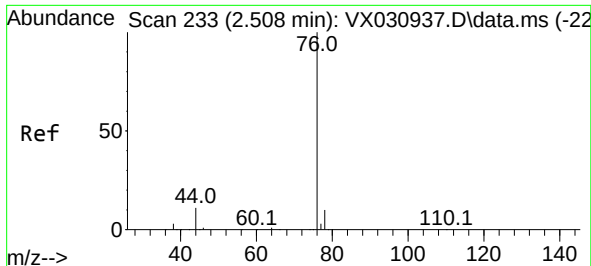
Tgt Ion: 43 Resp: 1851

Ion Ratio Lower Upper

43 100

58 46.7 27.7 41.5#

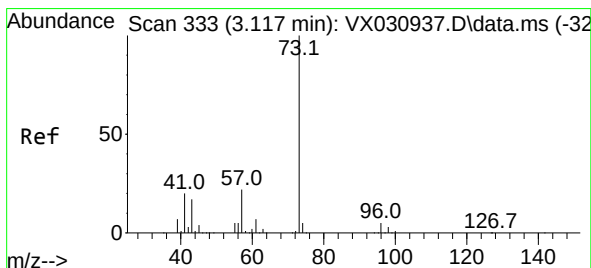
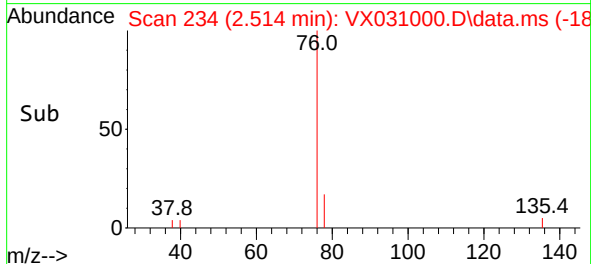
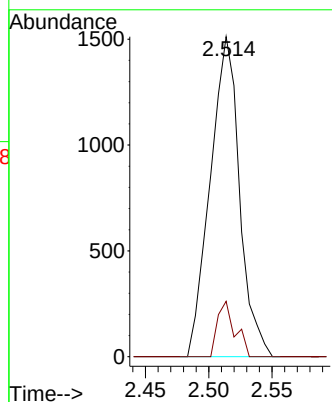
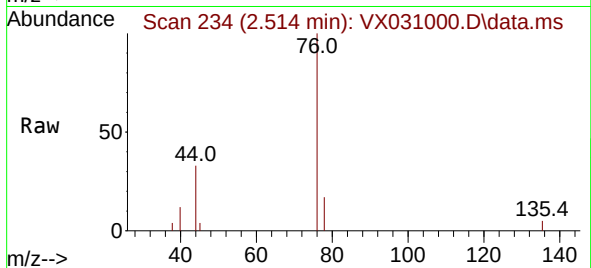




#17
Carbon Disulfide
Concen: 0.343 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

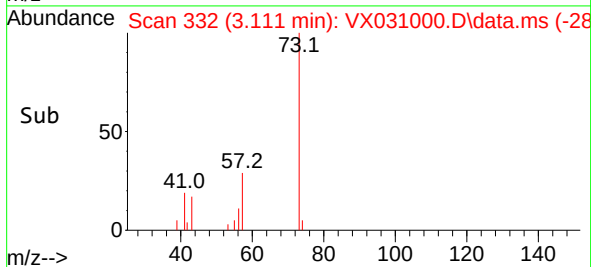
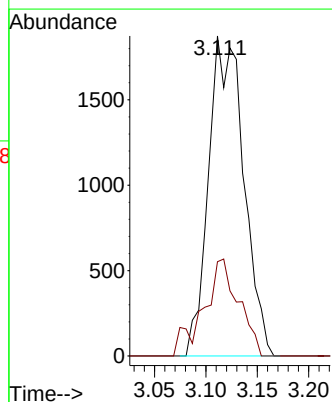
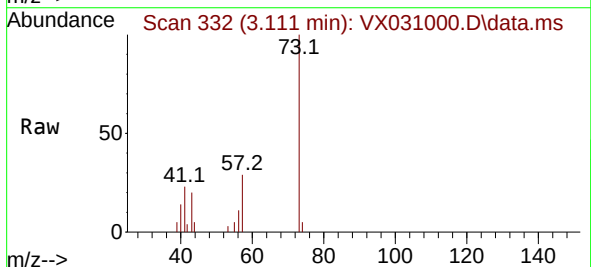
Instrument :
MSVOA_X
ClientSampleId :
MW-33

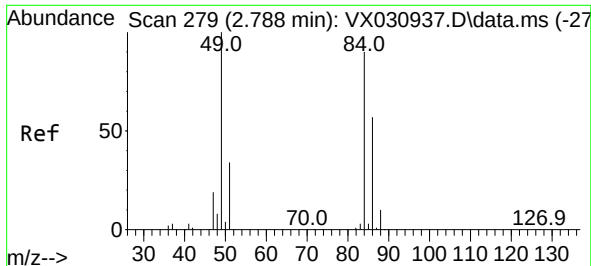
Tgt Ion: 76 Resp: 2435
Ion Ratio Lower Upper
76 100
78 17.3 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 0.507 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion: 73 Resp: 4447
Ion Ratio Lower Upper
73 100
57 29.5 19.0 28.6#

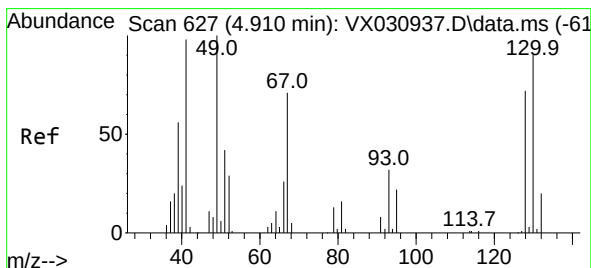
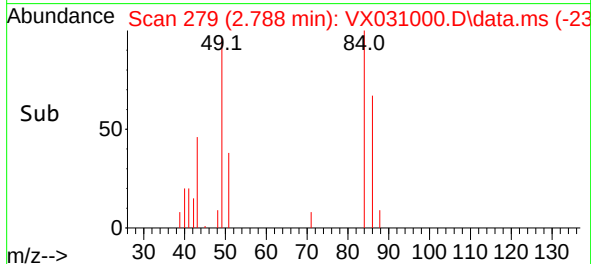
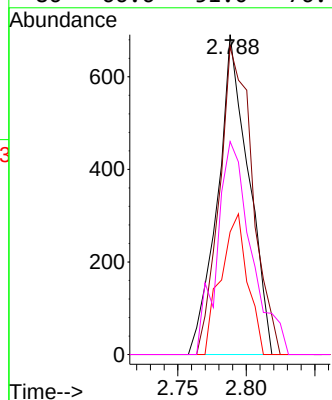
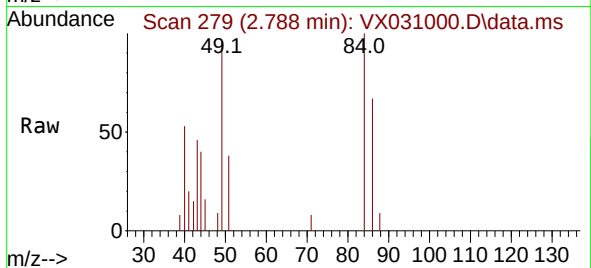




#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

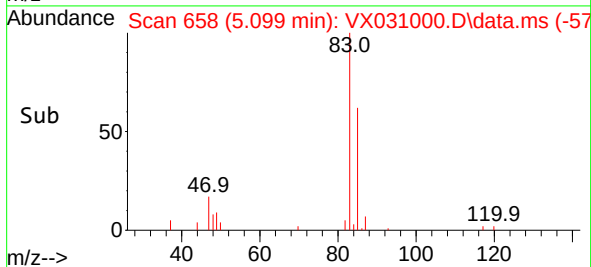
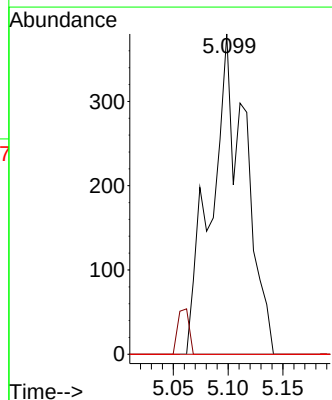
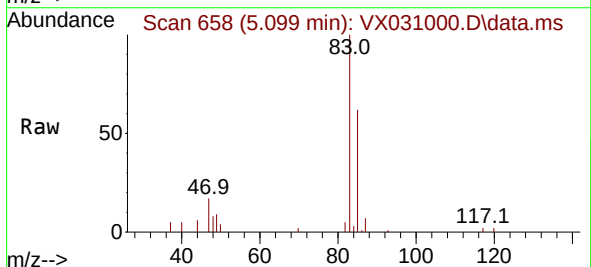
Instrument :
MSVOA_X
ClientSampleId :
MW-33

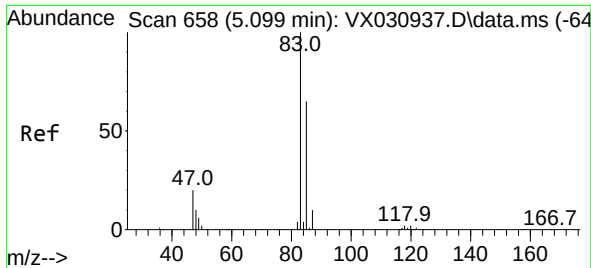
Tgt Ion:	84	Resp:	1085
Ion	Ratio	Lower	Upper
84	100		
49	96.2	93.8	140.6
51	38.4	29.4	44.0
86	66.6	51.0	76.4



#28
Bromochloromethane
Concen: 0.490 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.195 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion:	49	Resp:	835
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	0.0	62.8	94.2#

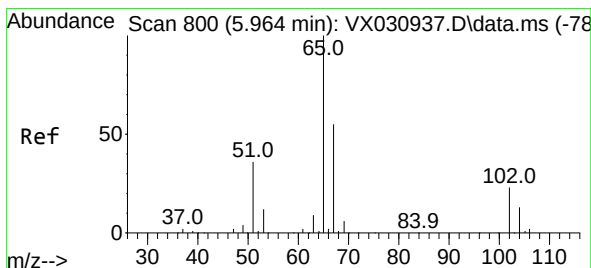
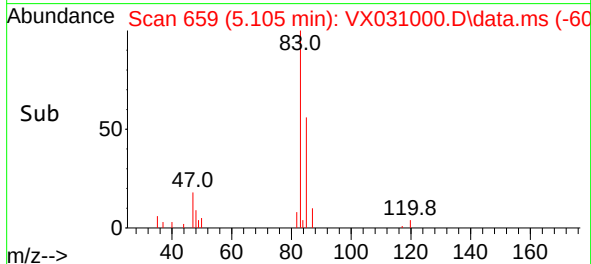
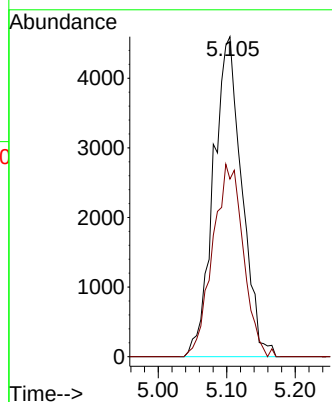
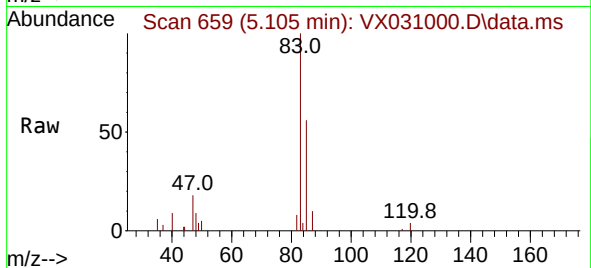




#30
Chloroform
Concen: 2.421 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

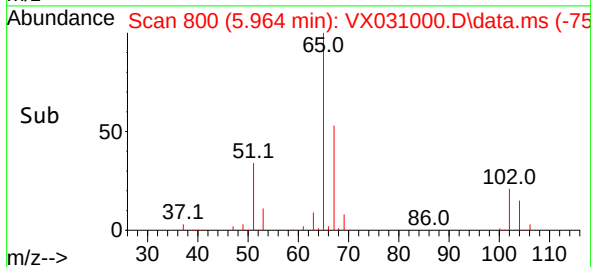
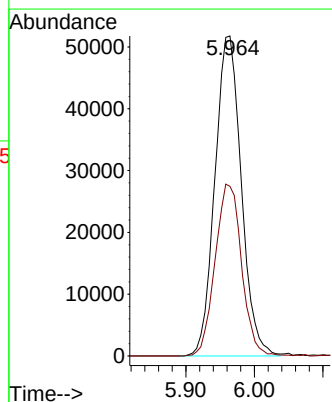
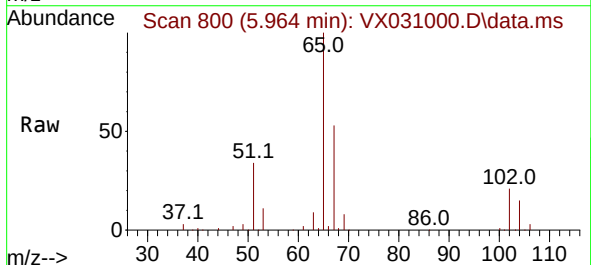
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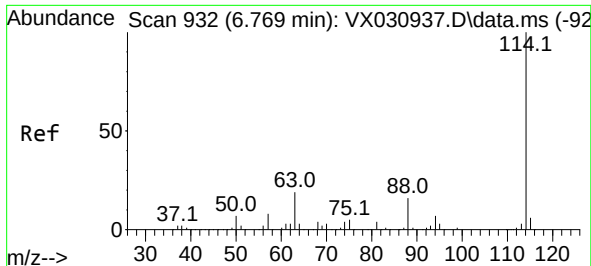
Tgt Ion: 83 Resp: 13233
Ion Ratio Lower Upper
83 100
85 55.5 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 43.585 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion: 65 Resp: 138438
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

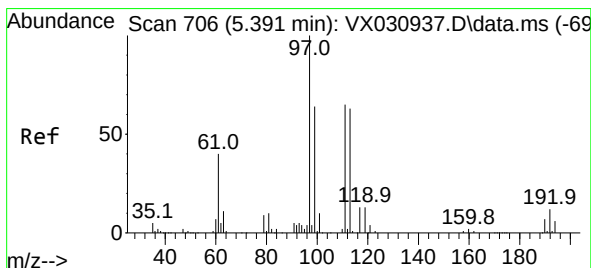
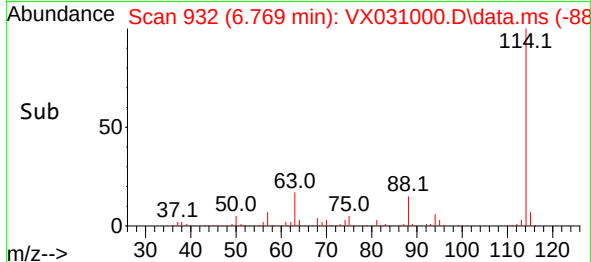
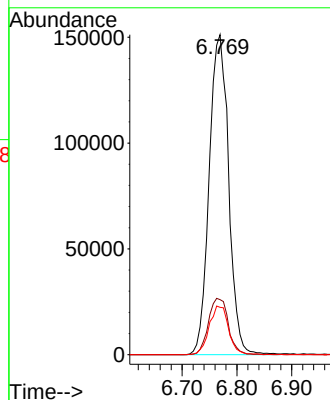
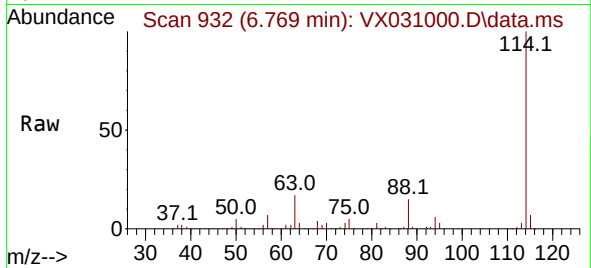




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

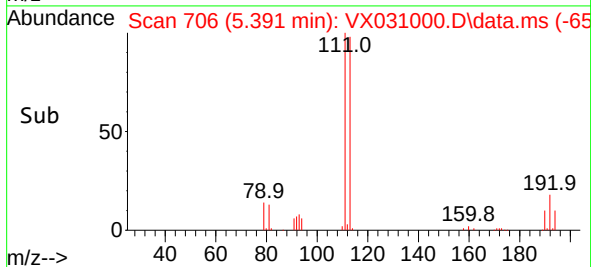
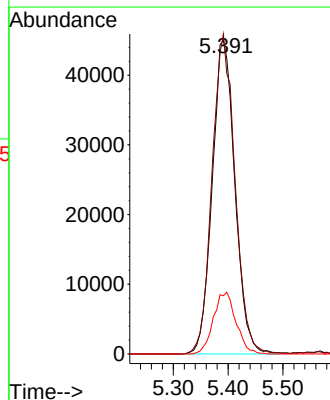
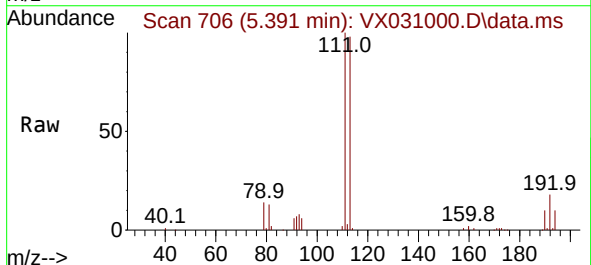
Instrument :
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ClientSampleId :
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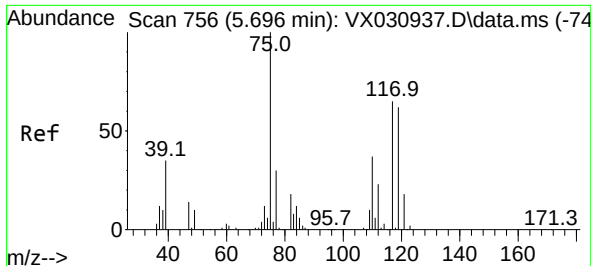
Tgt Ion:114 Resp: 372140
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.218 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion:113 Resp: 129528
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 19.5 14.8 22.2

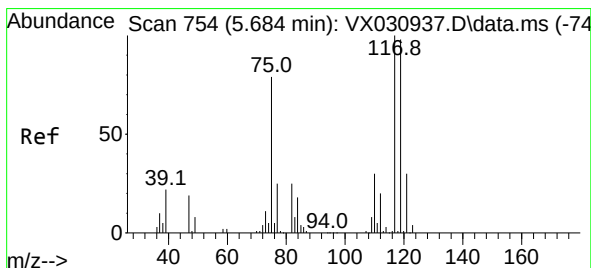
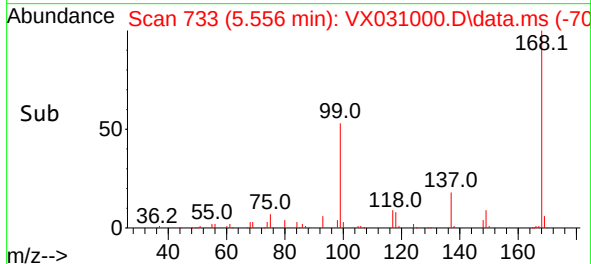
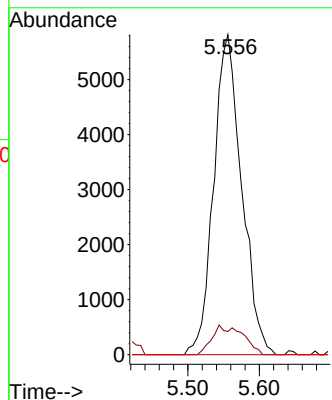
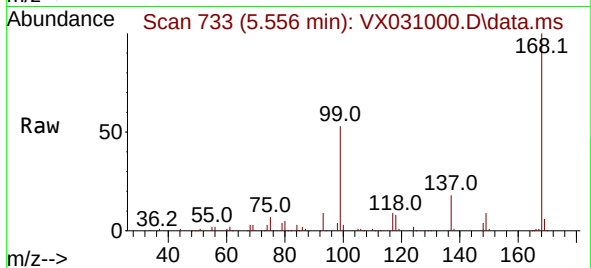




#36
1,1-Dichloropropene
Concen: 3.877 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

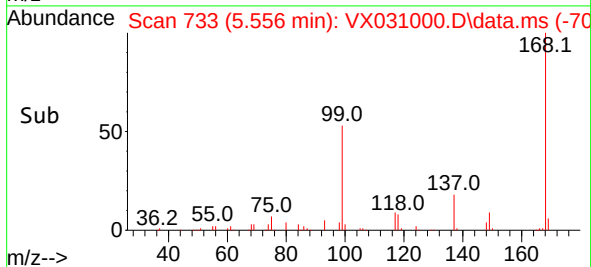
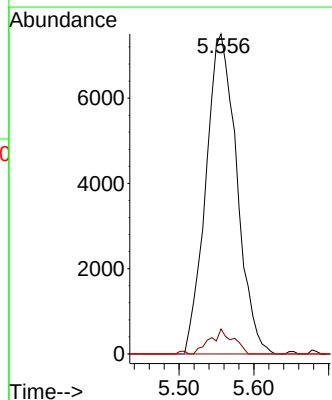
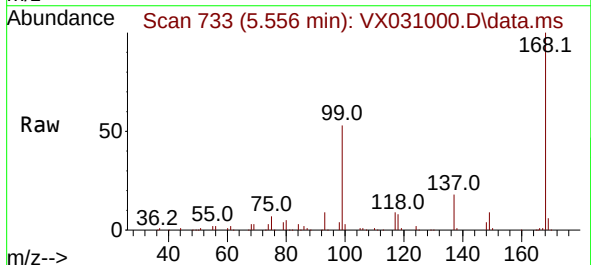
Instrument :
MSVOA_X
ClientSampleId :
MW-33

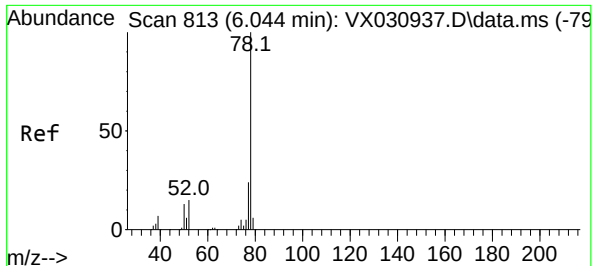
Tgt Ion: 75 Resp: 15806
Ion Ratio Lower Upper
75 100
110 5.2 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion: 117 Resp: 21558
Ion Ratio Lower Upper
117 100
119 7.8 74.1 111.1#
121 0.0 25.8 38.8#

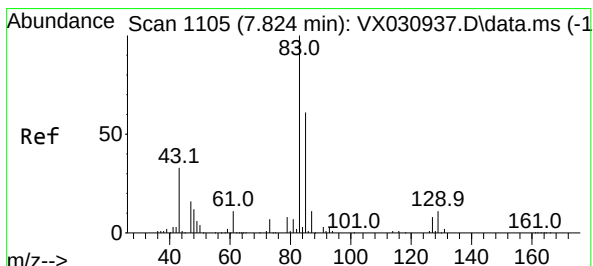
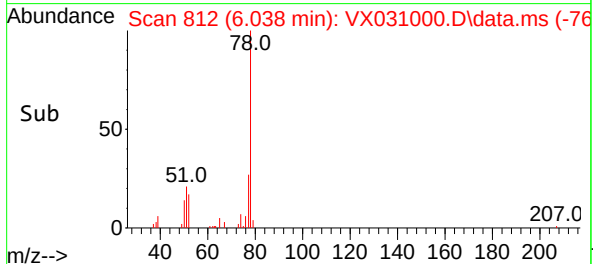
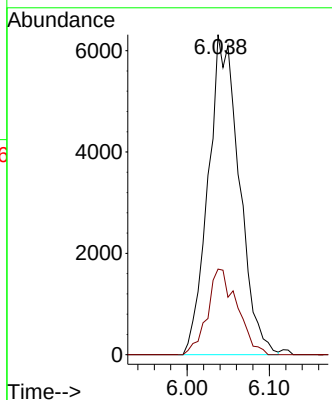
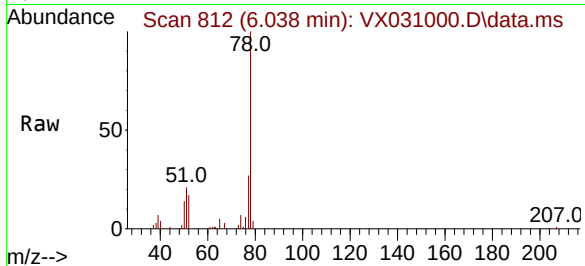




#40
Benzene
Concen: 1.413 ug/l
RT: 6.038 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

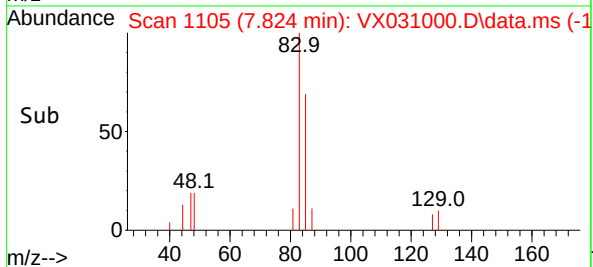
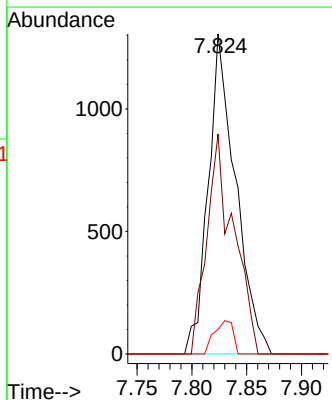
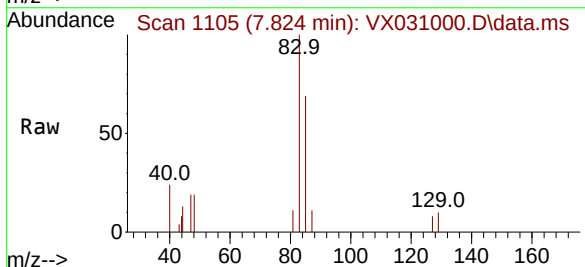
Instrument :
MSVOA_X
ClientSampleId :
MW-33

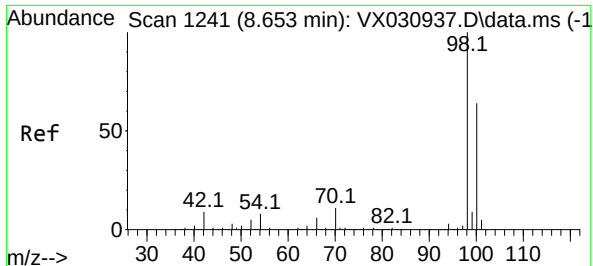
Tgt Ion: 78 Resp: 16600
Ion Ratio Lower Upper
78 100
77 26.8 18.0 27.0



#47
Bromodichloromethane
Concen: 0.551 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion: 83 Resp: 2269
Ion Ratio Lower Upper
83 100
85 68.7 53.5 80.3
127 7.7 6.6 10.0





#50

Toluene-d8

Concen: 47.075 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031000.D

Acq: 01 Sep 2022 00:56

Instrument :

MSVOA_X

ClientSampleId :

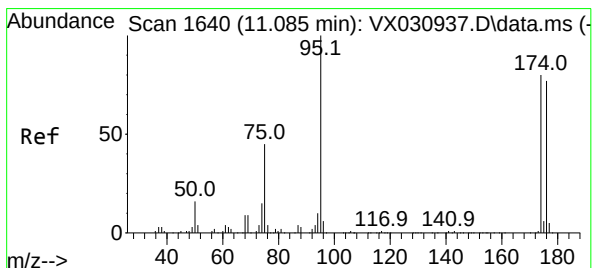
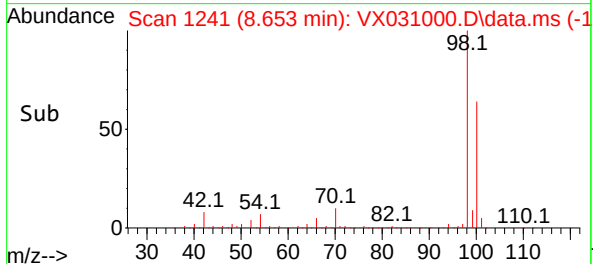
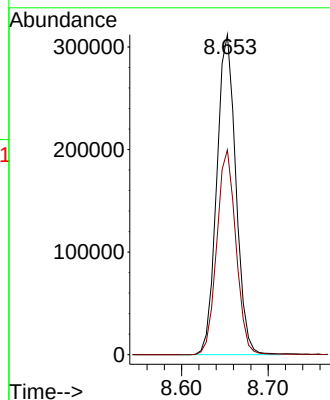
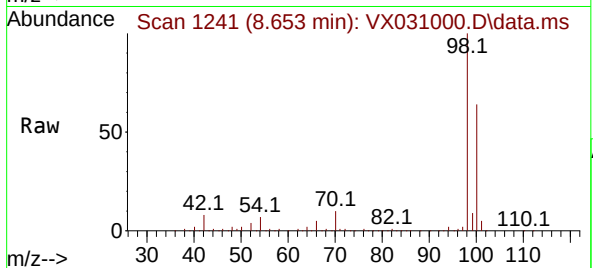
MW-33

Tgt Ion: 98 Resp: 478244

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.909 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031000.D

Acq: 01 Sep 2022 00:56

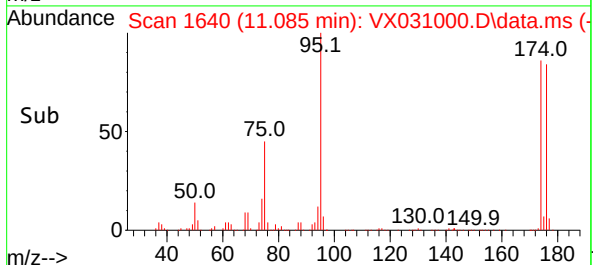
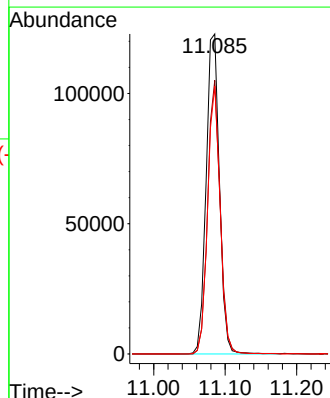
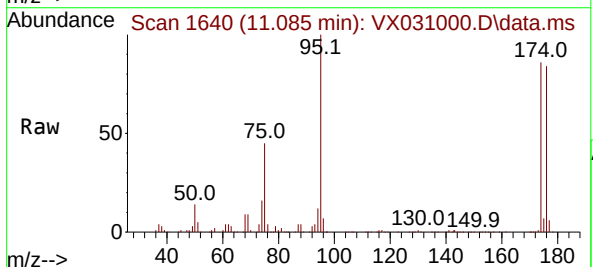
Tgt Ion: 95 Resp: 158850

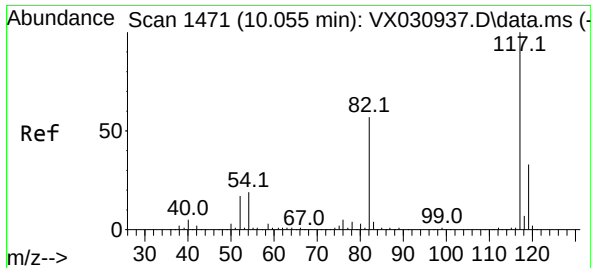
Ion Ratio Lower Upper

95 100

174 80.3 0.0 149.0

176 79.1 0.0 146.0

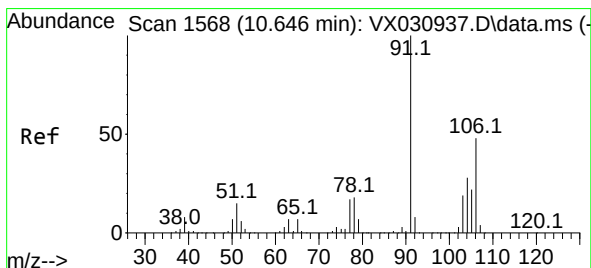
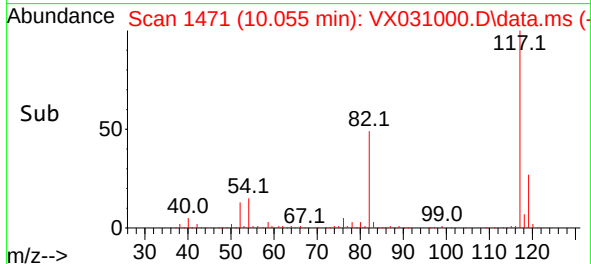
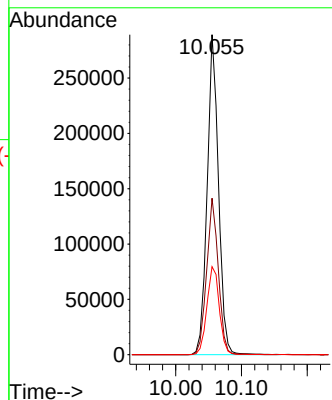
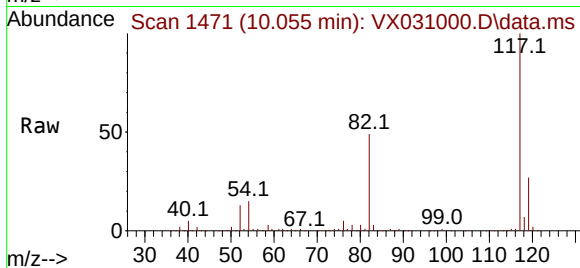




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

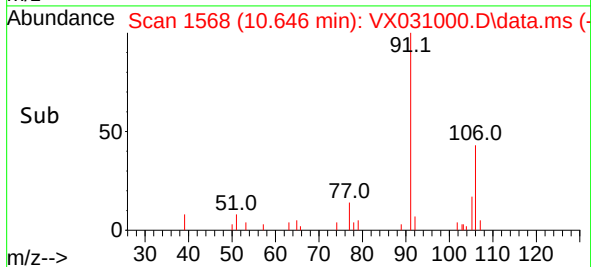
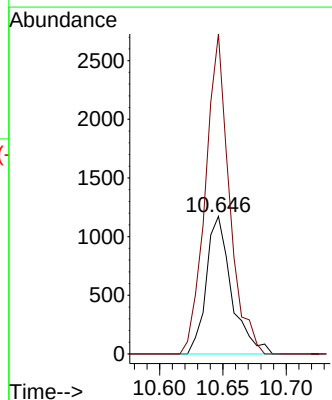
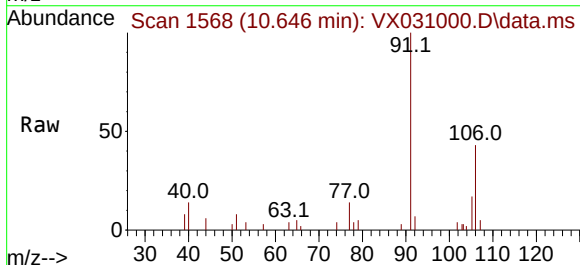
Instrument :
MSVOA_X
ClientSampleId :
MW-33

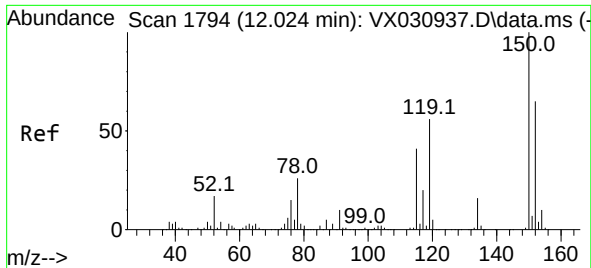
Tgt Ion:117 Resp: 346229
Ion Ratio Lower Upper
117 100
82 48.9 42.7 64.1
119 27.5 25.4 38.2



#69
o-Xylene
Concen: 0.302 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion:106 Resp: 1627
Ion Ratio Lower Upper
106 100
91 220.8 103.8 311.6

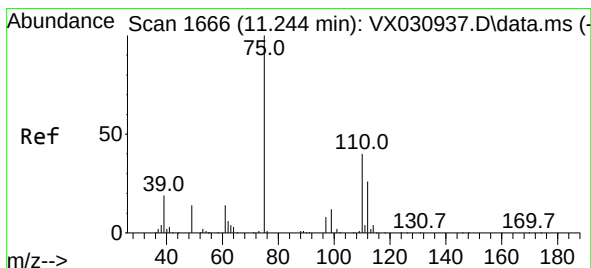
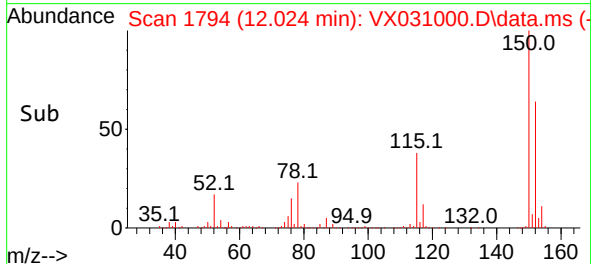
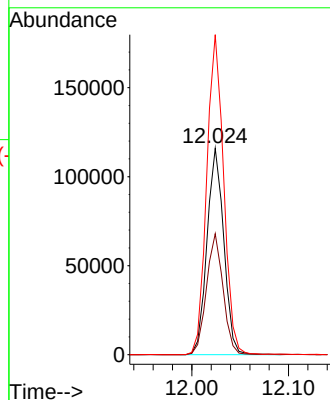
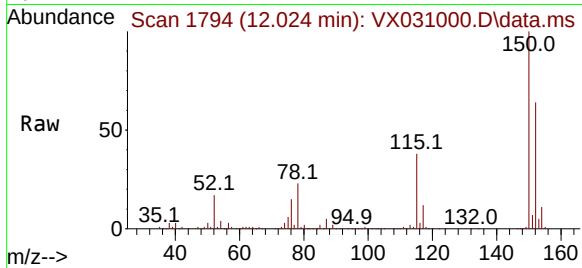




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031000.D
 Acq: 01 Sep 2022 00:56

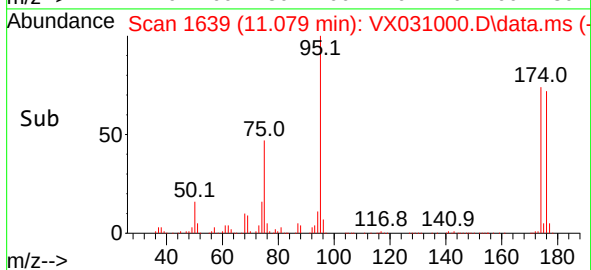
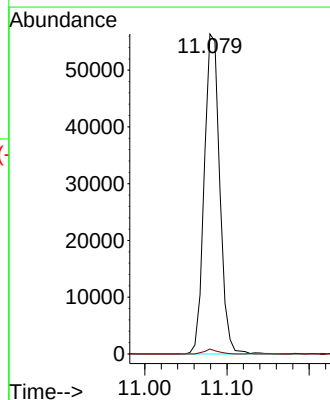
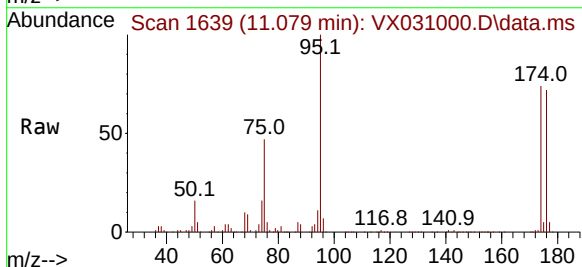
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

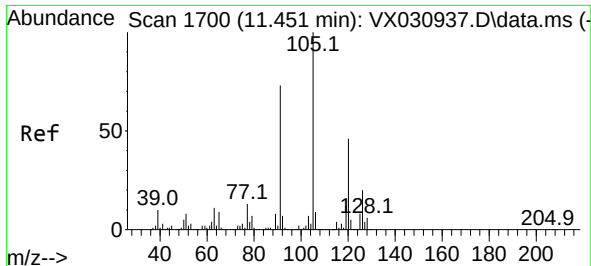
Tgt Ion:152 Resp: 140228
 Ion Ratio Lower Upper
 152 100
 115 58.0 40.5 121.5
 150 156.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.387 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031000.D
 Acq: 01 Sep 2022 00:56

Tgt Ion: 75 Resp: 73832
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#

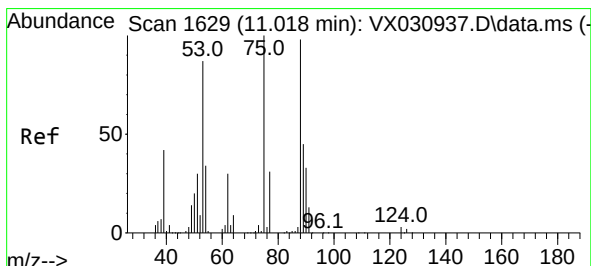
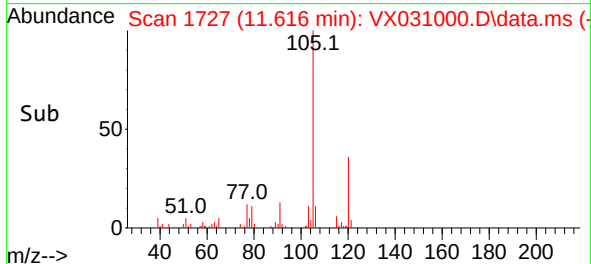
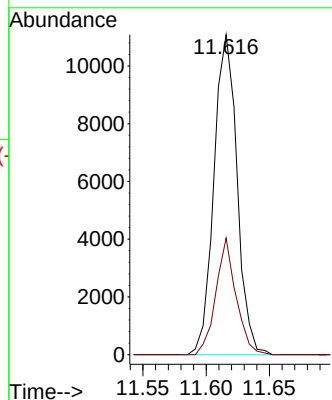
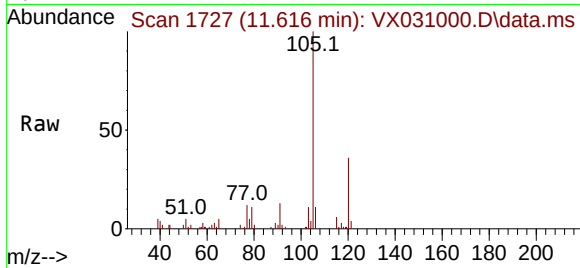




#80
1,3,5-Trimethylbenzene
Concen: 1.505 ug/l
RT: 11.616 min Scan# 11
Delta R.T. 0.159 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

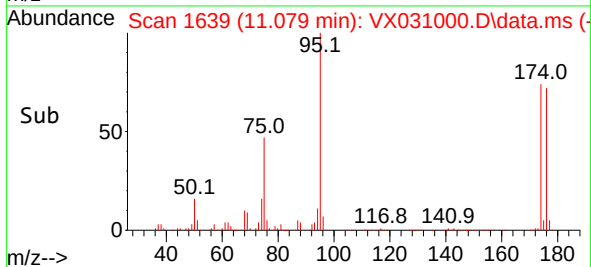
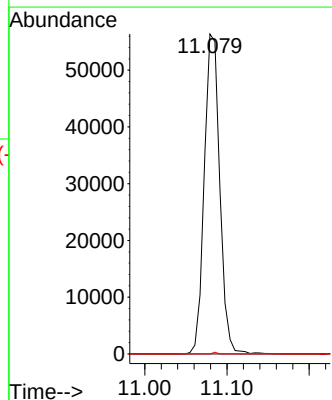
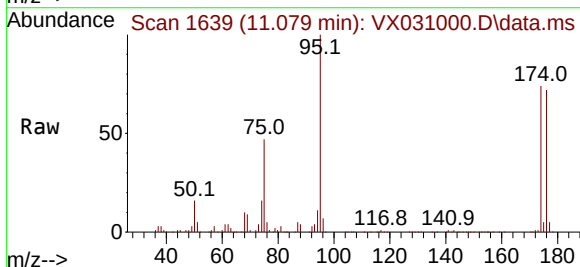
Instrument :
MSVOA_X
ClientSampleId :
MW-33

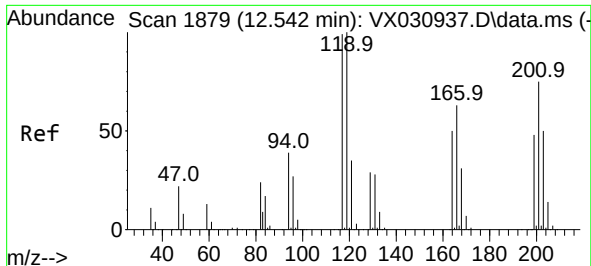
Tgt Ion:105 Resp: 14070
Ion Ratio Lower Upper
105 100
120 31.8 24.4 73.2



#81
trans-1,4-Dichloro-2-butene
Concen: 63.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion: 75 Resp: 73832
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

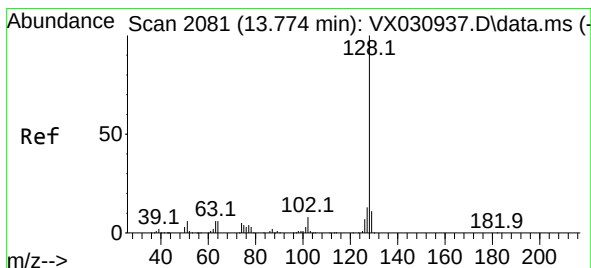
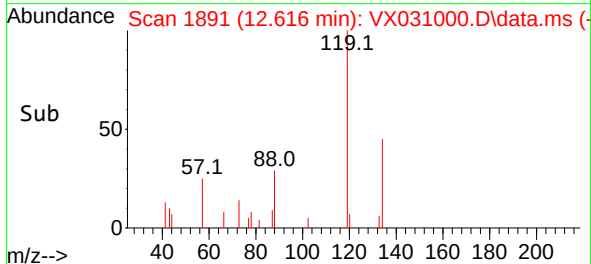
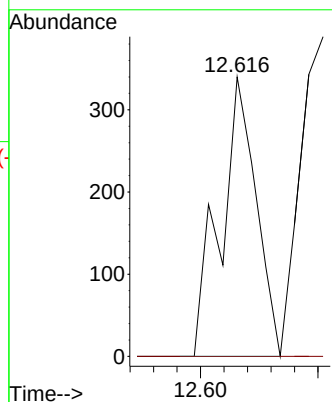
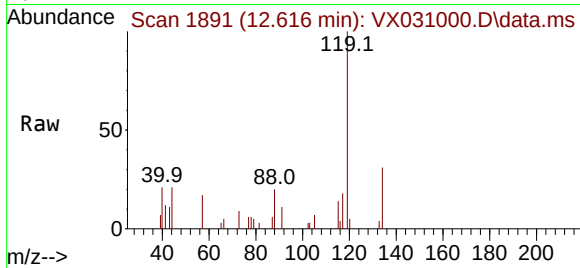




#90
Hexachloroethane
Concen: 0.207 ug/l
RT: 12.616 min Scan# 1879
Delta R.T. 0.074 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Instrument :
MSVOA_X
ClientSampleId :
MW-33

Tgt Ion:117 Resp: 359
Ion Ratio Lower Upper
117 100
201 0.0 34.2 102.5#



#95
Naphthalene
Concen: 0.816 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031000.D
Acq: 01 Sep 2022 00:56

Tgt Ion:128 Resp: 10027
Ion Ratio Lower Upper
128 100
127 18.3 10.2 15.2#
129 10.5 8.6 13.0

