

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031189.D
 Acq On : 08 Sep 2022 04:31
 Operator : JC/MD
 Sample : N4446-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-02

Quant Time: Sep 08 13:58:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

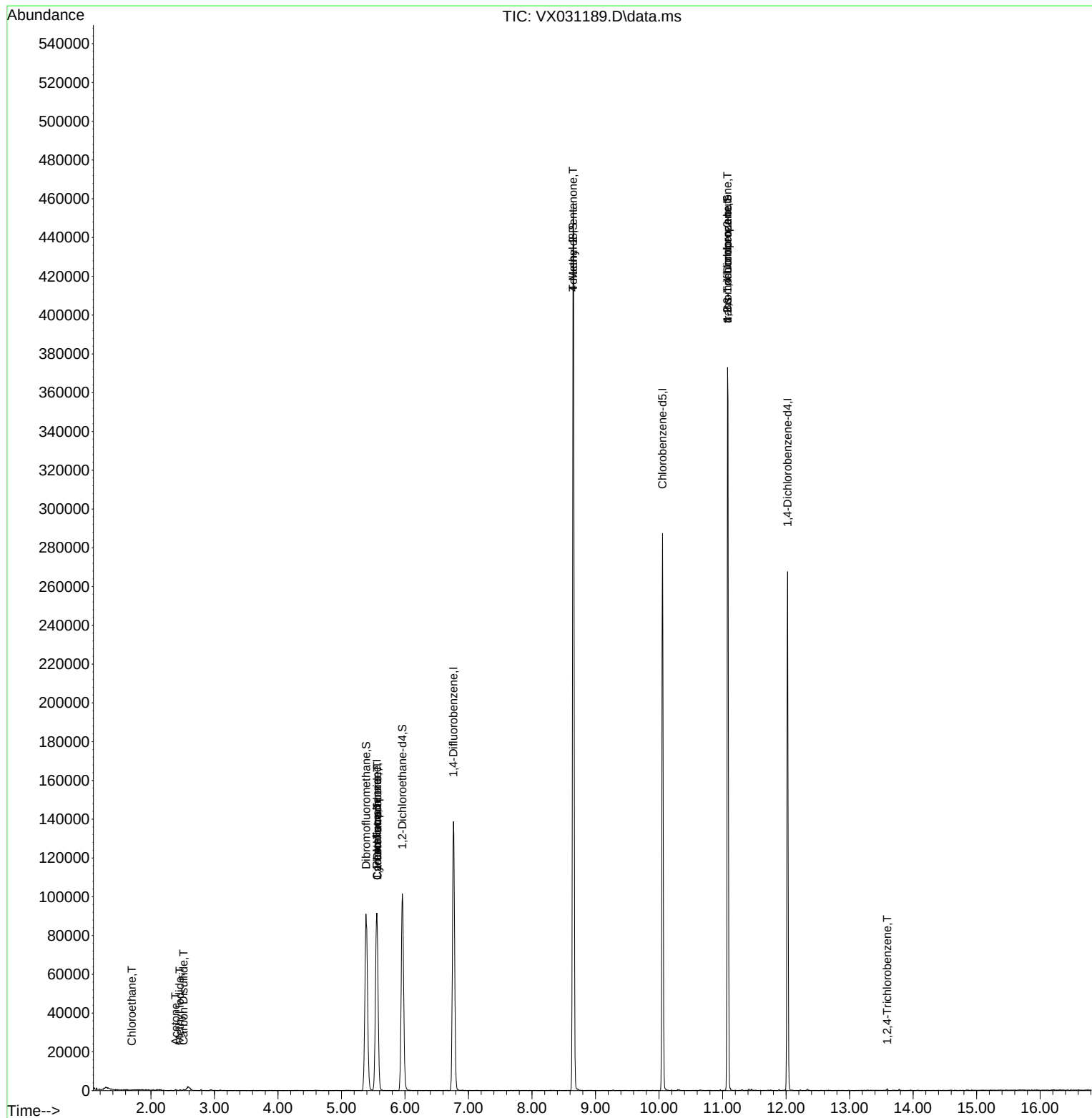
Internal Standards						
1) Pentafluorobenzene	5.556	168	80966	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109168	56.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.900%	
35) Dibromofluoromethane	5.385	113	81139	53.147	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.300%	
50) Toluene-d8	8.647	98	280928	50.647	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	11.079	95	105160	51.733	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.460%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	236	0.356	ug/l	# 41
10) Methyl Iodide	2.453	142	534	0.297	ug/l	# 89
11) Tert butyl alcohol	2.946	59	313	Below Cal	#	74
16) Acetone	2.386	43	692	1.043	ug/l	# 70
17) Carbon Disulfide	2.514	76	673	0.200	ug/l	# 74
31) Cyclohexane	5.562	56	1899	0.887	ug/l	# 30
36) 1,1-Dichloropropene	5.562	75	7539	3.297	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	9833	4.088	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1217	0.621	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	58120	40.182	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	58120	129.582	ug/l	# 12
93) 1,2,4-Trichlorobenzene	13.591	180	275	0.258	ug/l	90

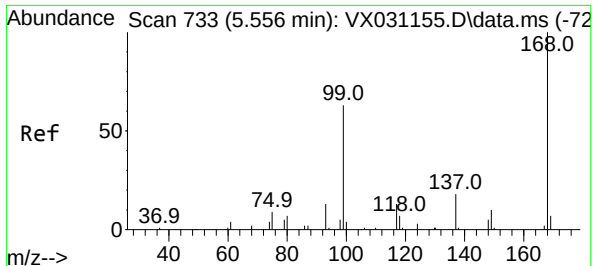
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
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Sample : N4446-02
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MSVOA_X
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WELL-02

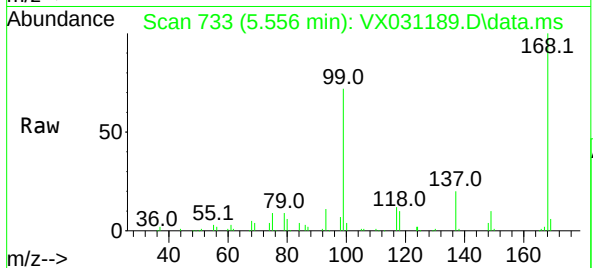
Quant Time: Sep 08 13:58:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



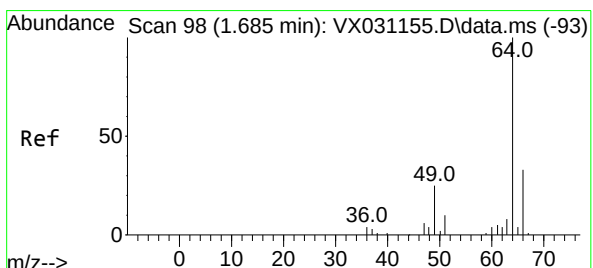
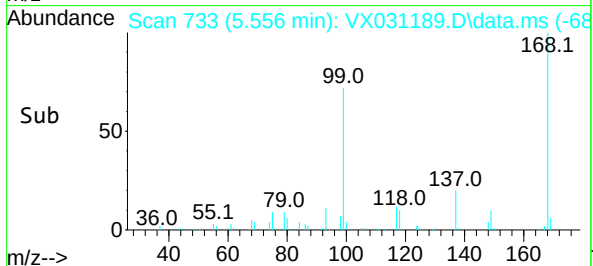
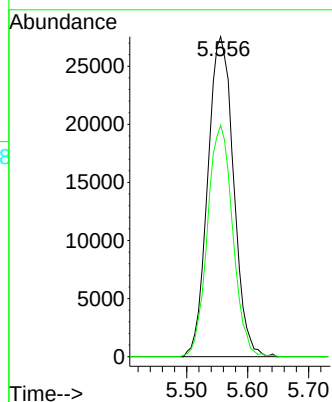


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Instrument :
MSVOA_X
ClientSampleId :
WELL-02

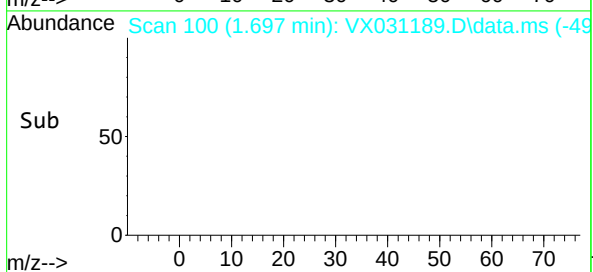
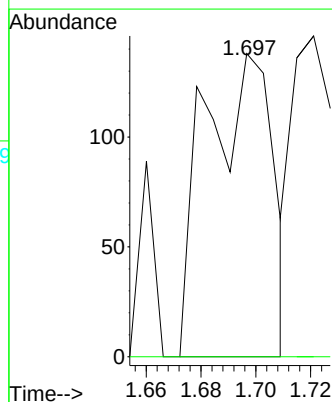
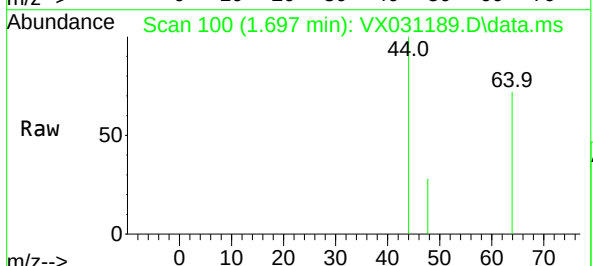


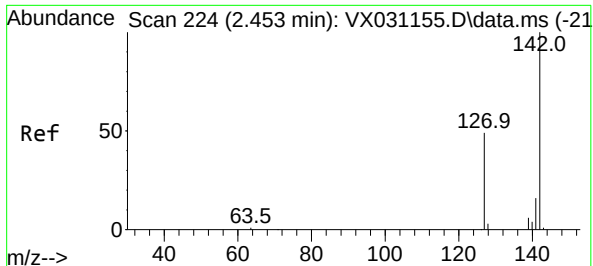
Tgt Ion:168 Resp: 80966
Ion Ratio Lower Upper
168 100
99 72.3 44.0 66.0#



#6
Chloroethane
Concen: 0.356 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

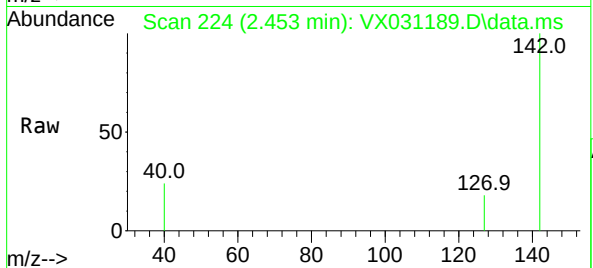
Tgt Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



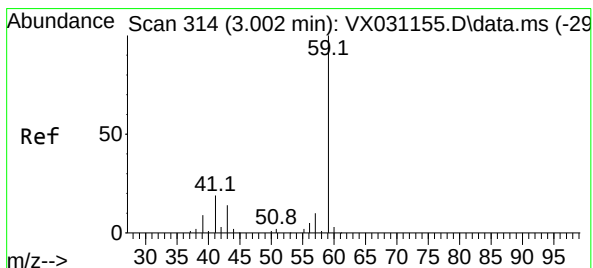
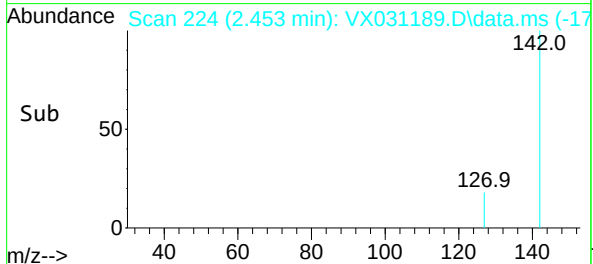
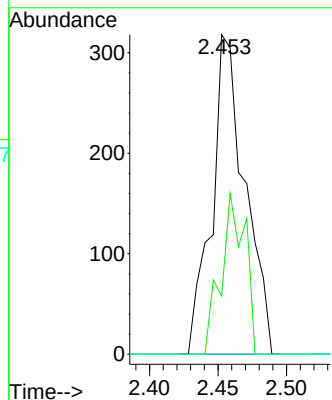


#10
Methyl Iodide
Concen: 0.297 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Instrument :
MSVOA_X
ClientSampleId :
WELL-02

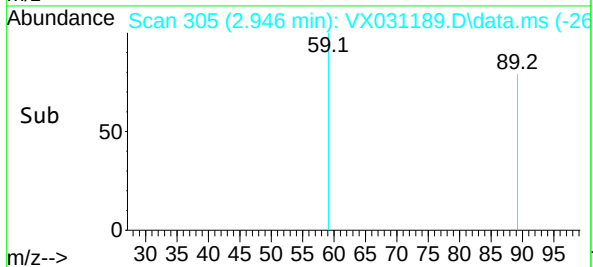
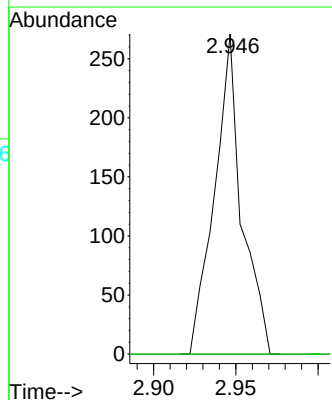
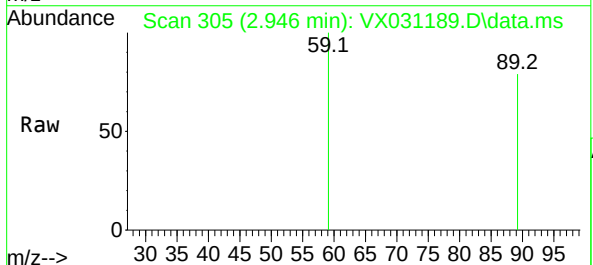


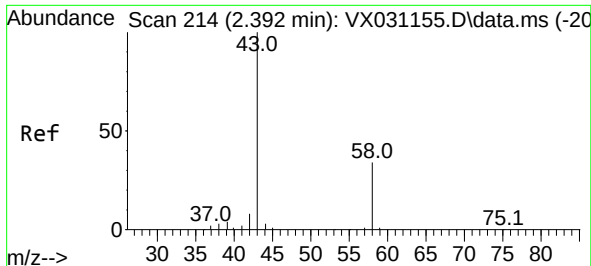
Tgt Ion:142 Resp: 534
Ion Ratio Lower Upper
142 100
127 36.5 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.056 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Tgt Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

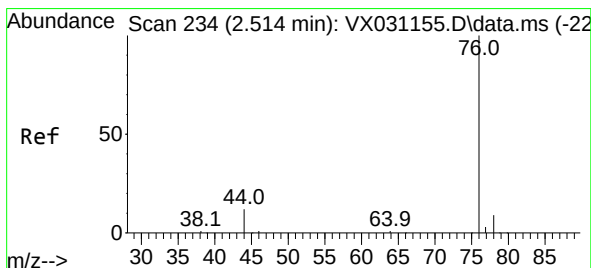
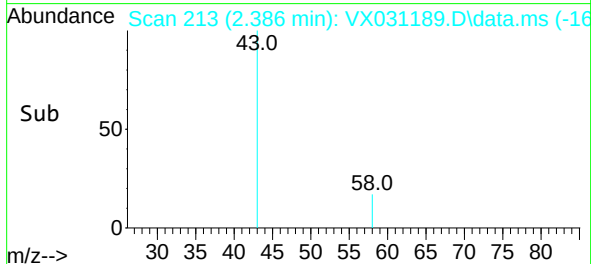
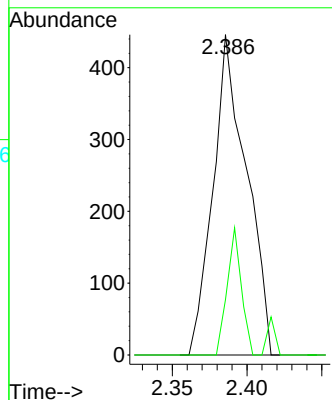
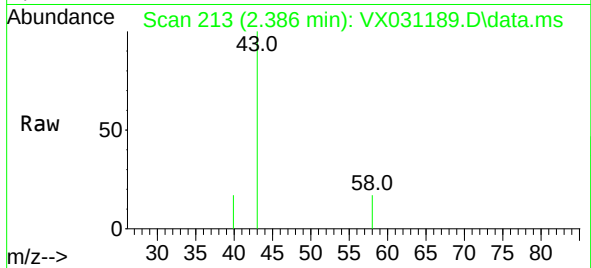




#16
Acetone
Concen: 1.043 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

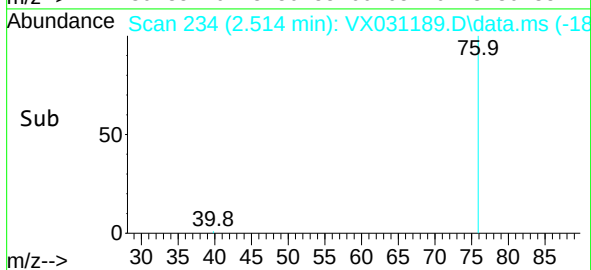
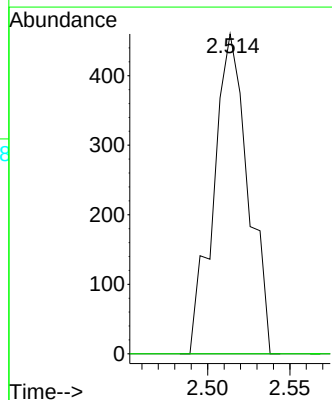
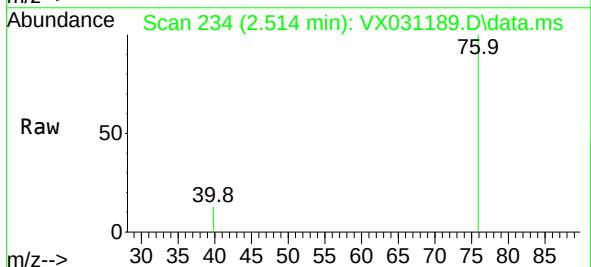
Instrument :
MSVOA_X
ClientSampleId :
WELL-02

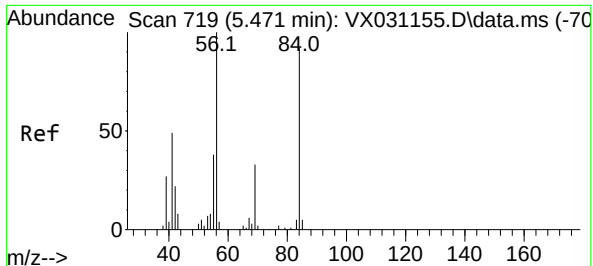
Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 17.3 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Tgt Ion: 76 Resp: 673
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

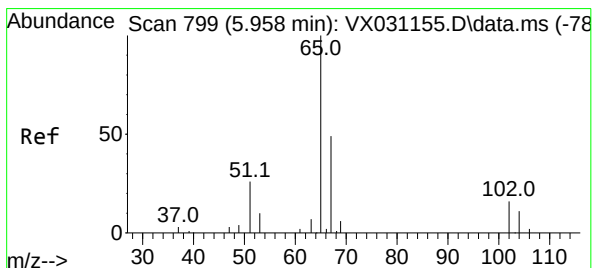
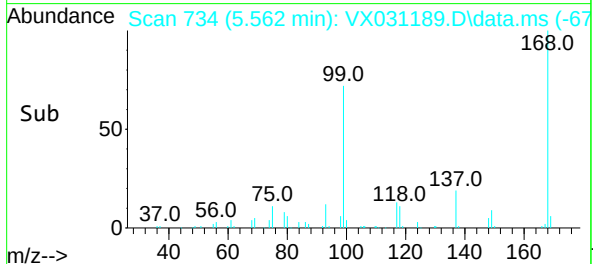
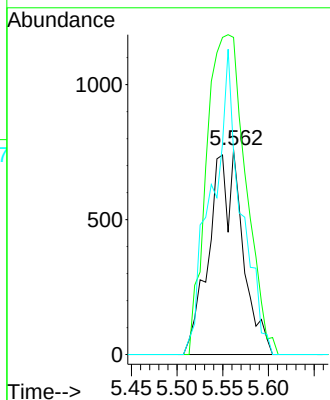
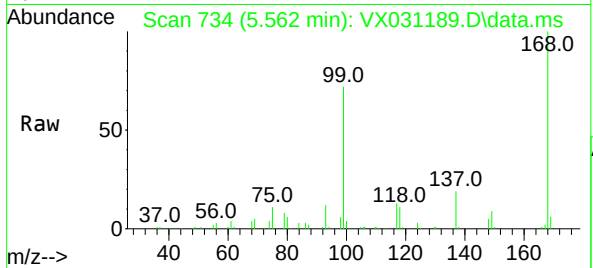




#31
Cyclohexane
Concen: 0.887 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

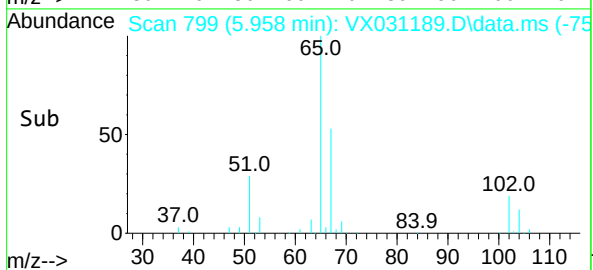
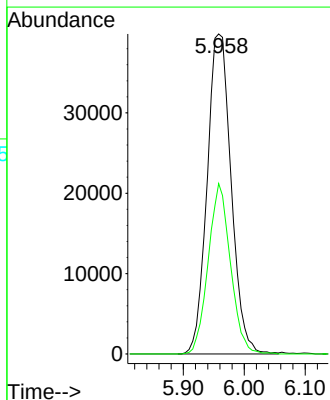
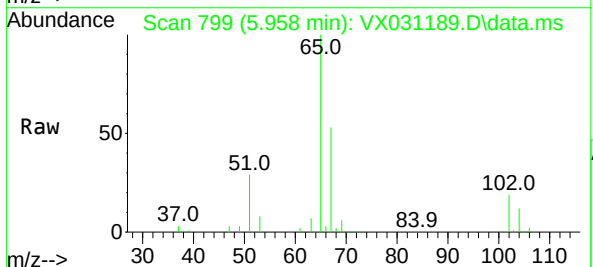
Instrument :
MSVOA_X
ClientSampleId :
WELL-02

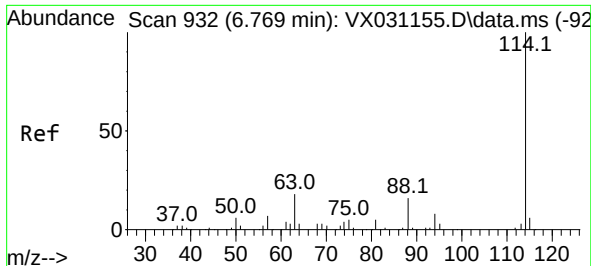
Tgt Ion: 56 Resp: 1899
Ion Ratio Lower Upper
56 100
69 154.8 25.4 38.0#
84 98.8 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 56.950 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Tgt Ion: 65 Resp: 109168
Ion Ratio Lower Upper
65 100
67 49.3 0.0 109.6

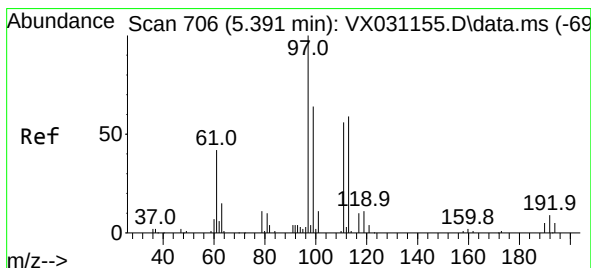
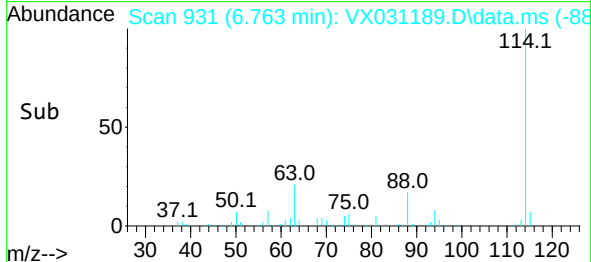
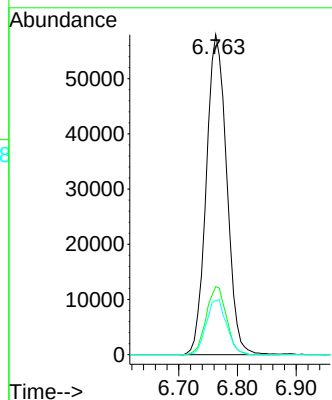
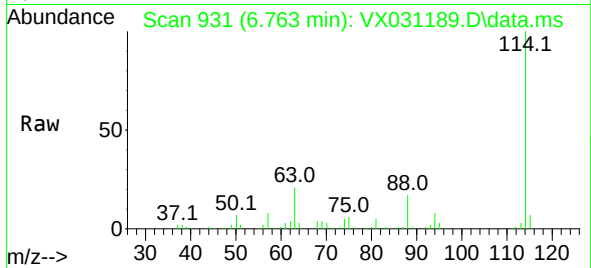




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

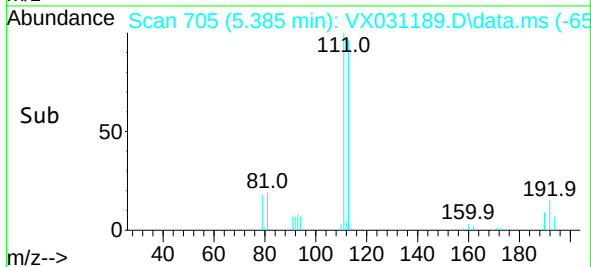
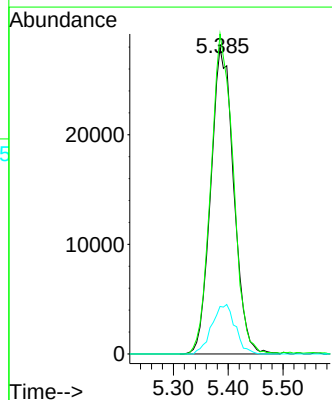
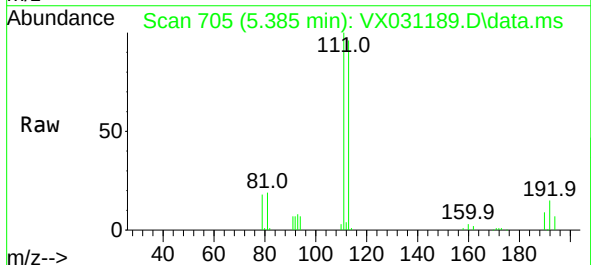
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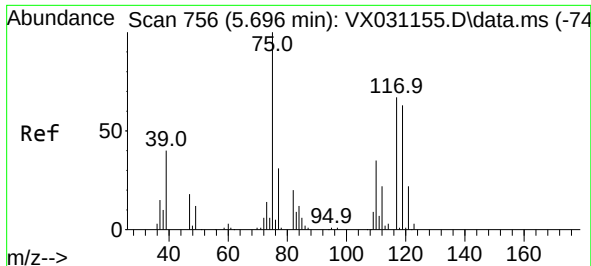
Tgt Ion:114 Resp: 140098
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.4
88 16.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.147 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Tgt Ion:113 Resp: 81139
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 16.5 14.8 22.2

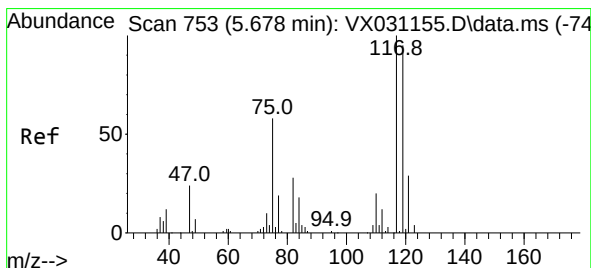
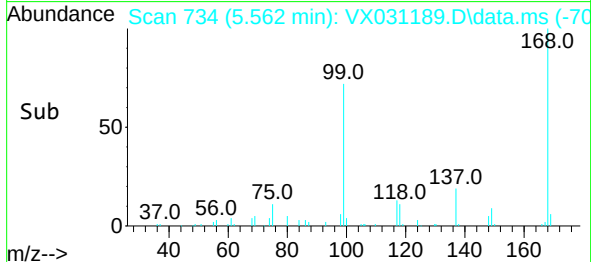
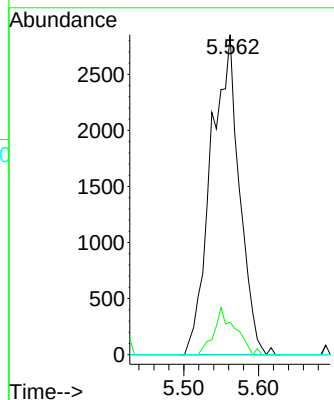
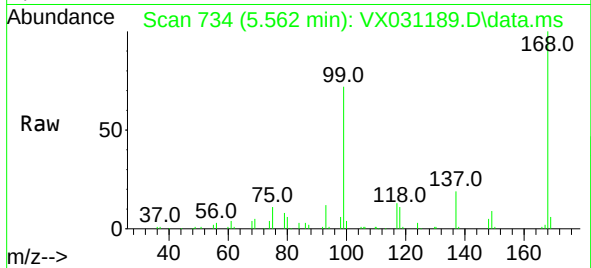




#36
1,1-Dichloropropene
Concen: 3.297 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

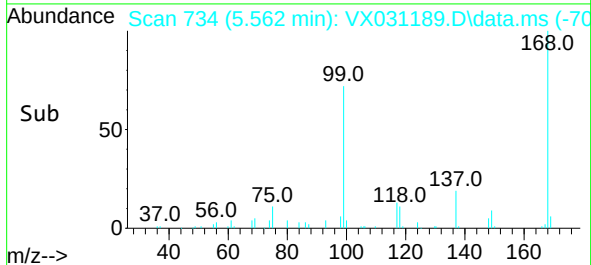
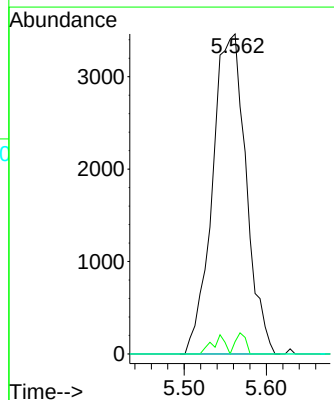
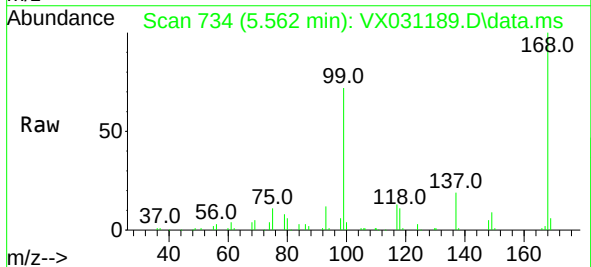
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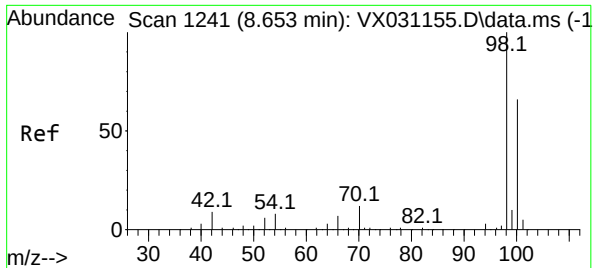
Tgt Ion: 75 Resp: 7539
Ion Ratio Lower Upper
75 100
110 11.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.088 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Tgt Ion: 117 Resp: 9833
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.8 38.8#

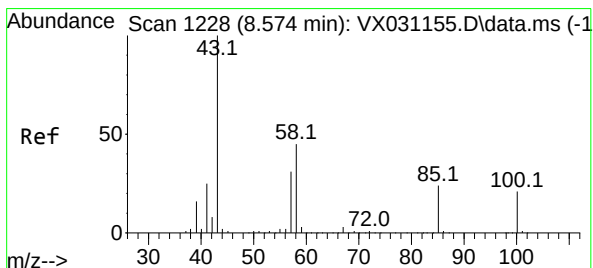
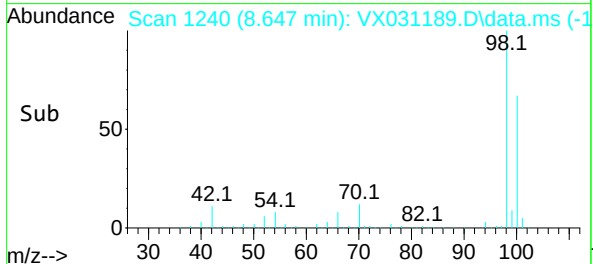
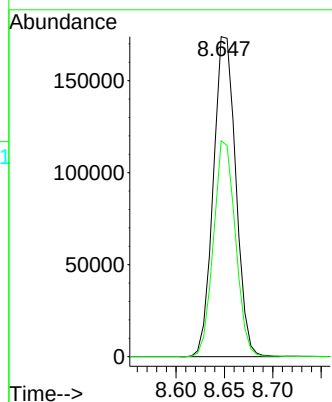
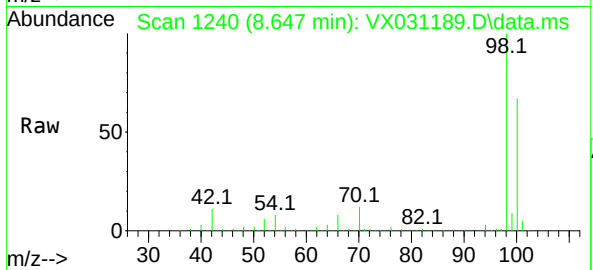




#50
Toluene-d8
Concen: 50.647 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

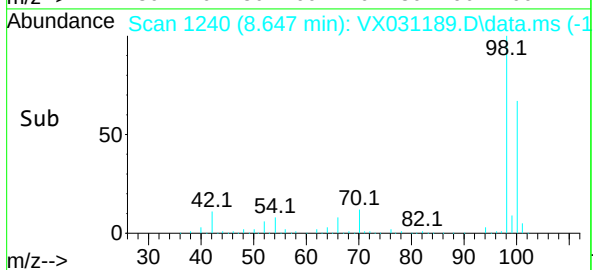
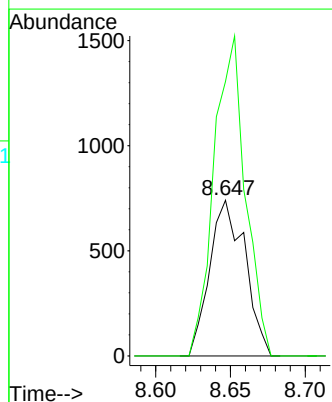
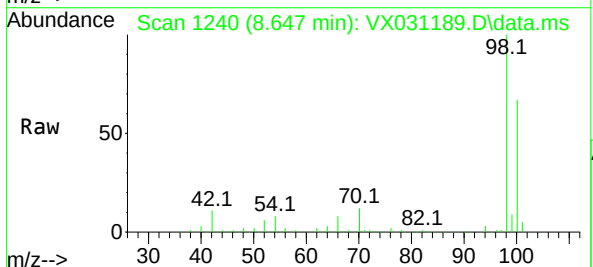
Instrument :
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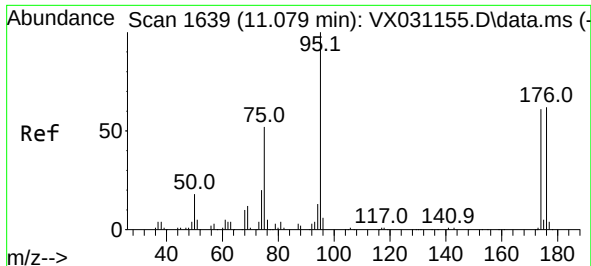
Tgt Ion: 98 Resp: 280928
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 182.9 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 51.733 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031189.D

Acq: 08 Sep 2022 04:31

Instrument :

MSVOA_X

ClientSampleId :

WELL-02

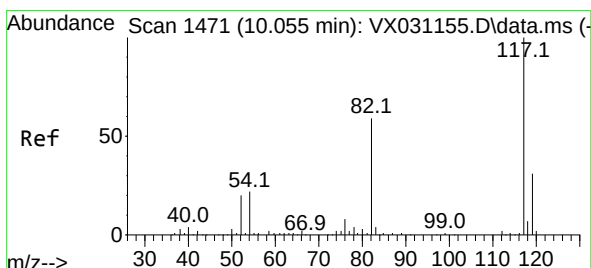
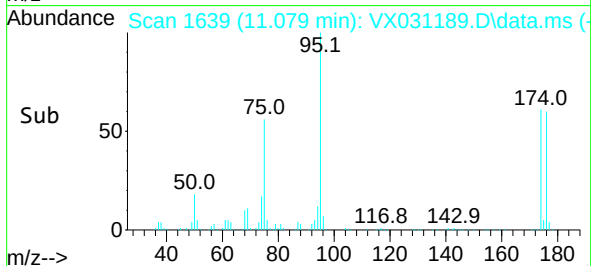
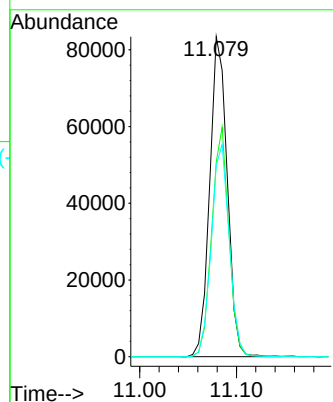
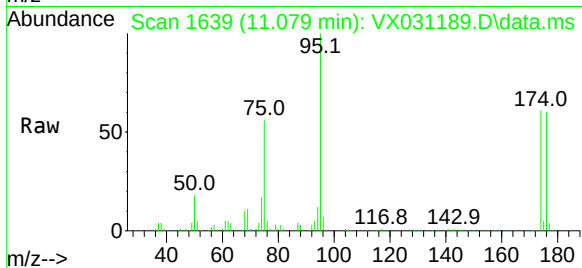
Tgt Ion: 95 Resp: 105160

Ion Ratio Lower Upper

95 100

174 69.7 0.0 149.0

176 67.7 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: VX031189.D

Acq: 08 Sep 2022 04:31

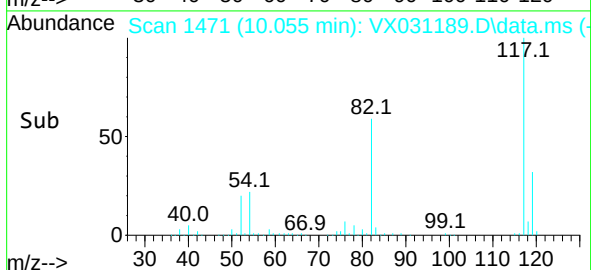
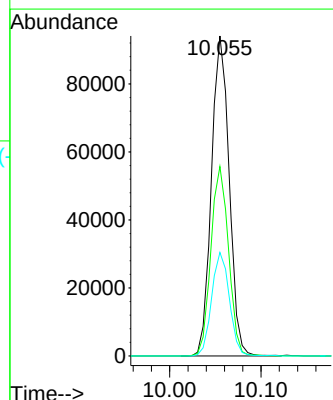
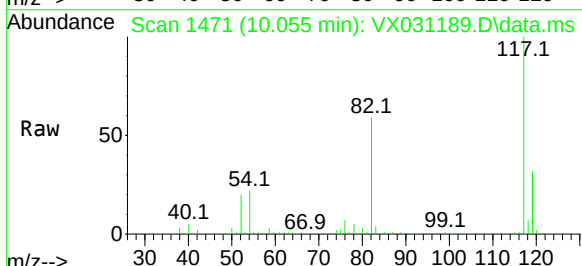
Tgt Ion: 117 Resp: 126471

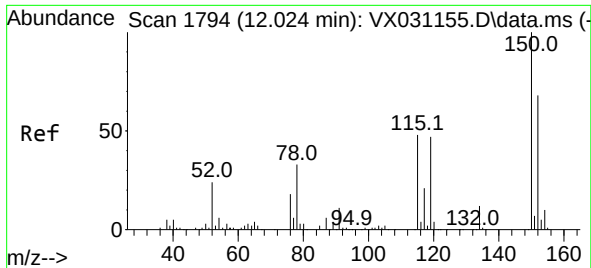
Ion Ratio Lower Upper

117 100

82 59.2 42.7 64.1

119 32.4 25.4 38.2

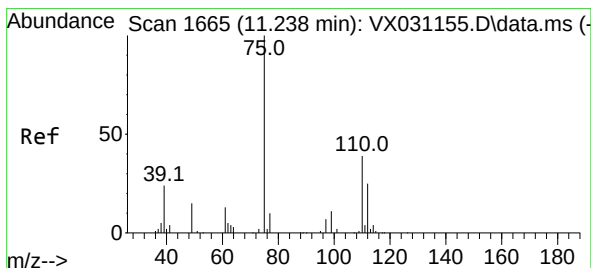
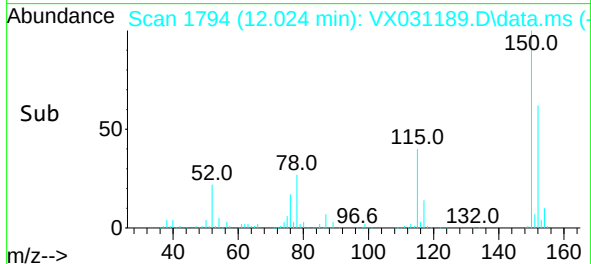
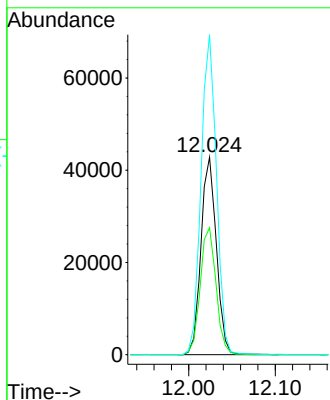
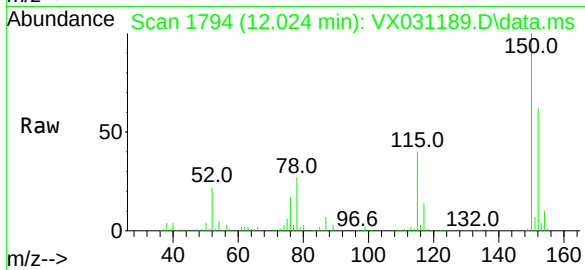




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031189.D
 Acq: 08 Sep 2022 04:31

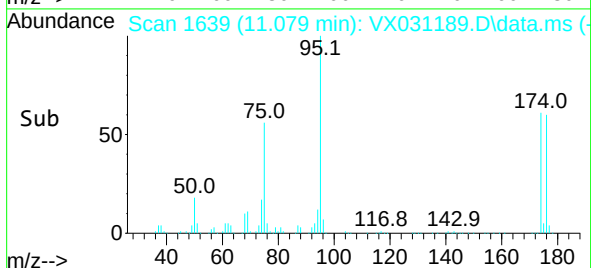
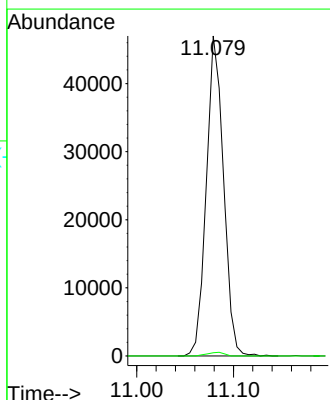
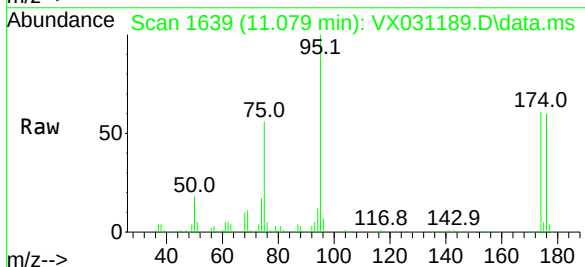
Instrument :
 MSVOA_X
 ClientSampleId :
 WELL-02

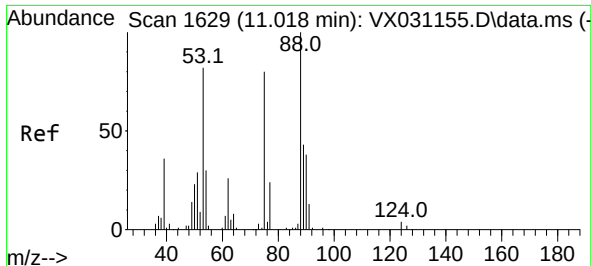
Tgt Ion:152 Resp: 52999
 Ion Ratio Lower Upper
 152 100
 115 65.9 40.5 121.5
 150 161.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 40.182 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031189.D
 Acq: 08 Sep 2022 04:31

Tgt Ion: 75 Resp: 58120
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#

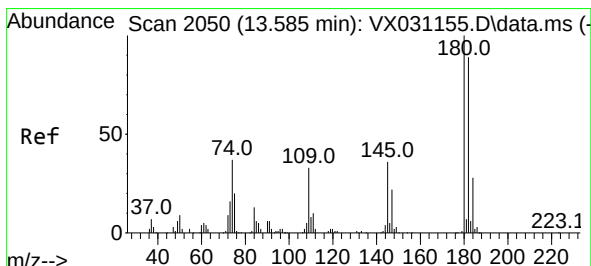
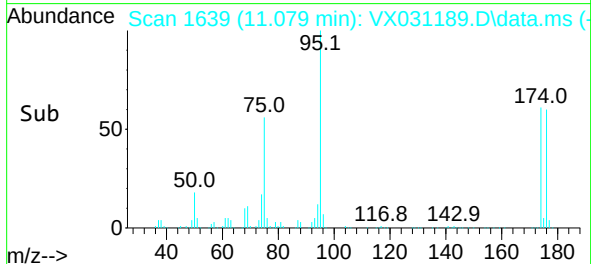
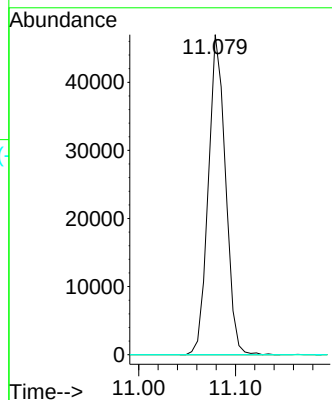
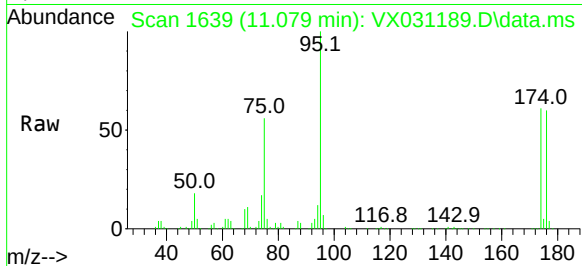




#81
trans-1,4-Dichloro-2-butene
Concen: 129.582 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Instrument :
MSVOA_X
ClientSampleId :
WELL-02

Tgt Ion: 75 Resp: 58120
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.258 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX031189.D
Acq: 08 Sep 2022 04:31

Tgt Ion: 180 Resp: 275
Ion Ratio Lower Upper
180 100
182 91.6 48.2 144.6
145 17.8 15.9 47.6

