

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077221.D
 Acq On : 27 Mar 2023 23:30
 Operator : JC\MD
 Sample : 02081-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-TCLP-E-032223

Quant Time: Mar 28 07:47:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

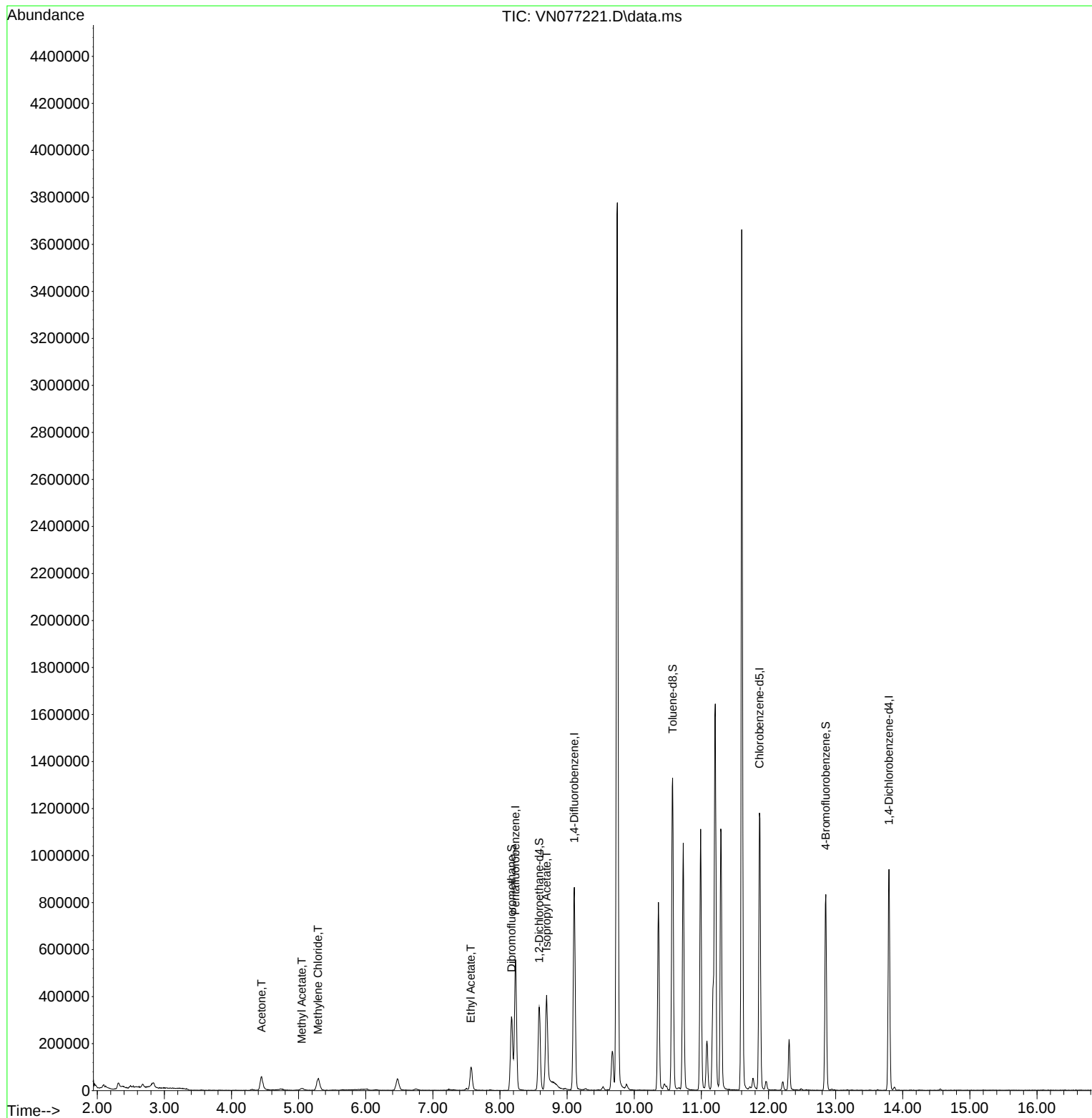
Internal Standards						
1) Pentafluorobenzene	8.231	168	384314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	703586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	660035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	243136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	299177	49.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.580%		
35) Dibromofluoromethane	8.172	113	221137	46.319	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	10.572	98	900115	50.317	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.640%		
62) 4-Bromofluorobenzene	12.854	95	273298	46.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.100%		
Target Compounds					Qvalue	
16) Acetone	4.449	43	107964	48.322	ug/l	99
18) Methyl Acetate	5.048	43	19274	2.156	ug/l #	80
20) Methylene Chloride	5.290	84	41187	8.278	ug/l #	87
37) Ethyl Acetate	7.566	43	154310	20.835	ug/l #	90
43) Isopropyl Acetate	8.695	43	497364	41.625	ug/l #	73

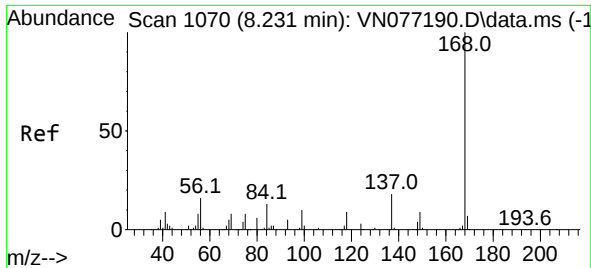
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

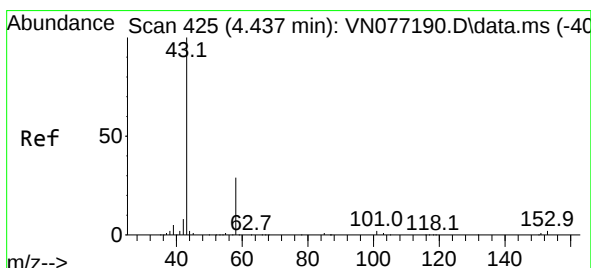
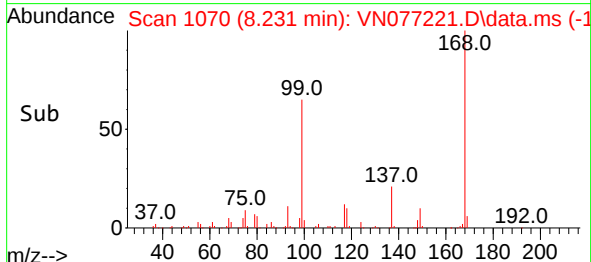
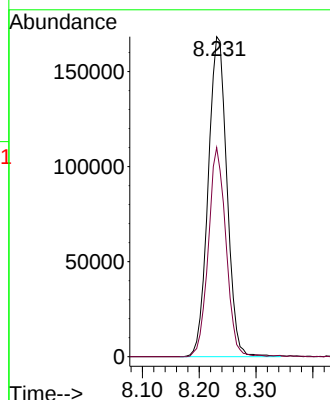
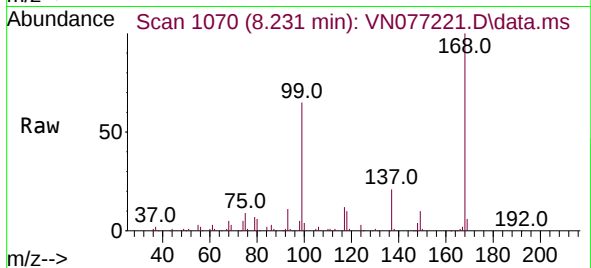
152140-TCLP-E-032223

Tgt Ion:168 Resp: 384314

Ion Ratio Lower Upper

168 100

99 65.4 48.6 73.0



#16

Acetone

Concen: 48.322 ug/l

RT: 4.449 min Scan# 427

Delta R.T. 0.012 min

Lab File: VN077221.D

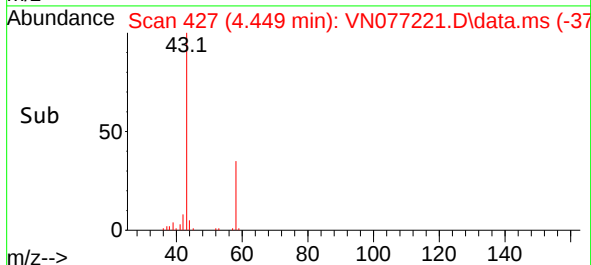
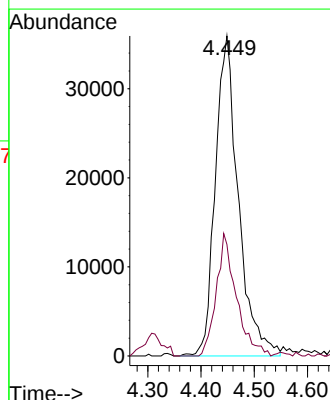
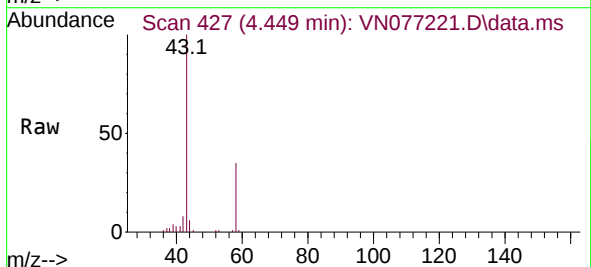
Acq: 27 Mar 2023 23:30

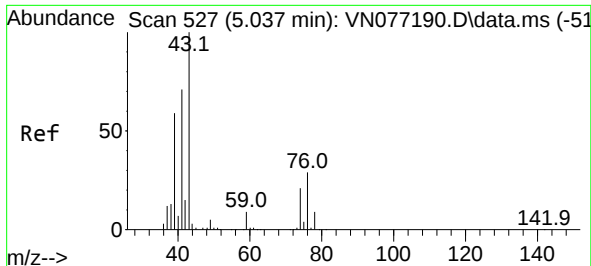
Tgt Ion: 43 Resp: 107964

Ion Ratio Lower Upper

43 100

58 34.9 28.2 42.2

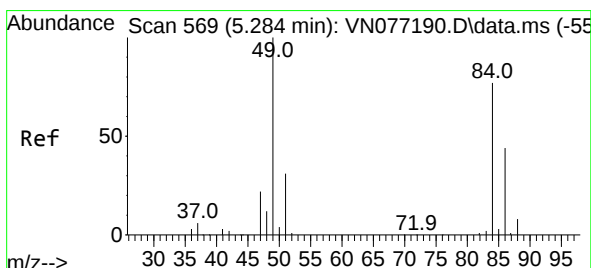
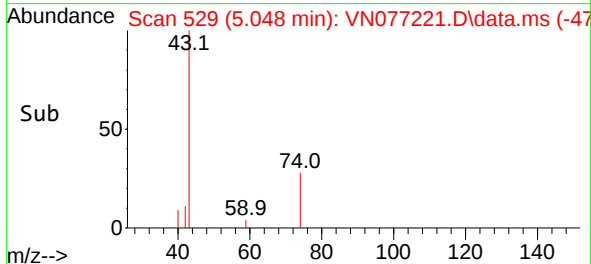
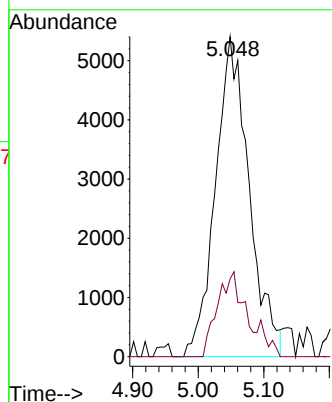
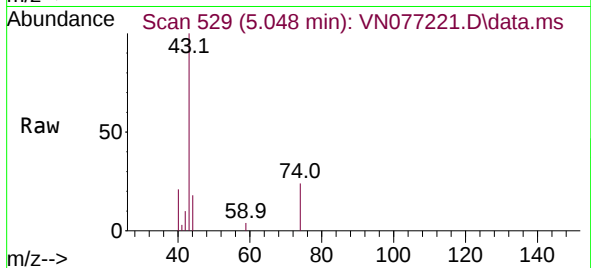




#18
Methyl Acetate
Concen: 2.156 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077221.D
Acq: 27 Mar 2023 23:30

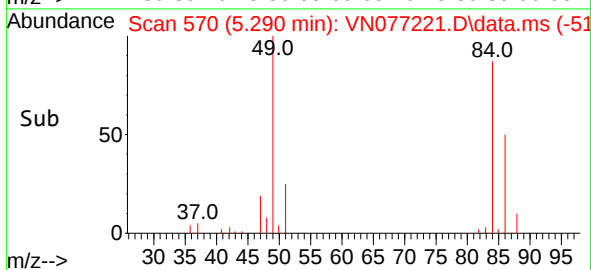
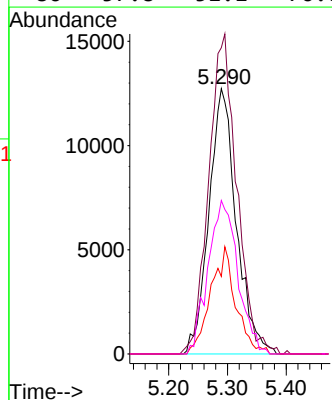
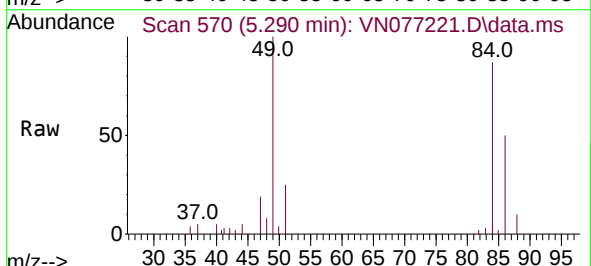
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-E-032223

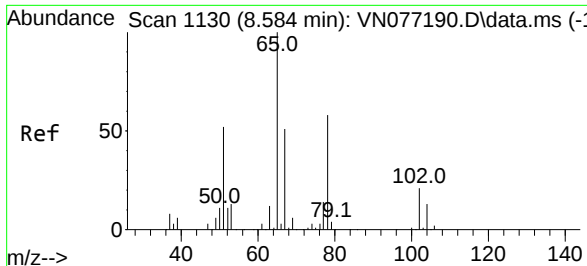
Tgt Ion: 43 Resp: 19274
Ion Ratio Lower Upper
43 100
74 21.3 25.9 38.9#



#20
Methylene Chloride
Concen: 8.278 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077221.D
Acq: 27 Mar 2023 23:30

Tgt Ion: 84 Resp: 41187
Ion Ratio Lower Upper
84 100
49 115.5 76.6 114.8#
51 29.3 25.4 38.2
86 57.8 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 49.789 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077221.D

Acq: 27 Mar 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

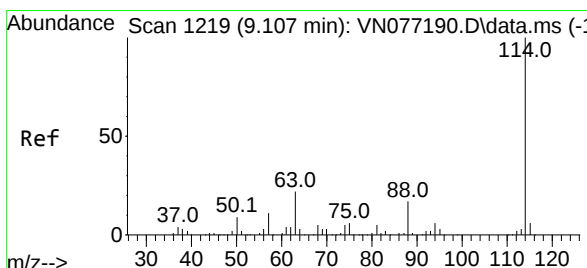
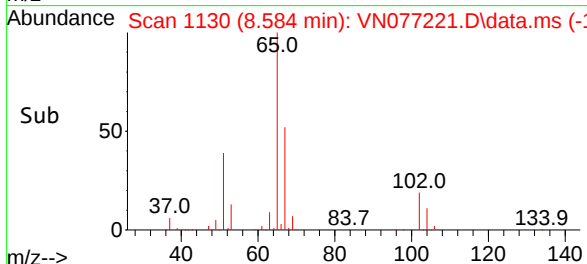
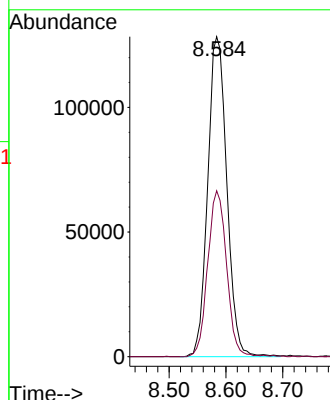
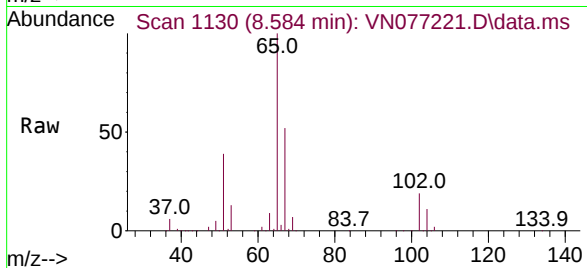
152140-TCLP-E-032223

Tgt Ion: 65 Resp: 299177

Ion Ratio Lower Upper

65 100

67 51.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077221.D

Acq: 27 Mar 2023 23:30

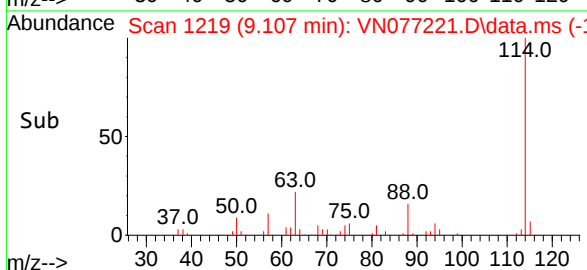
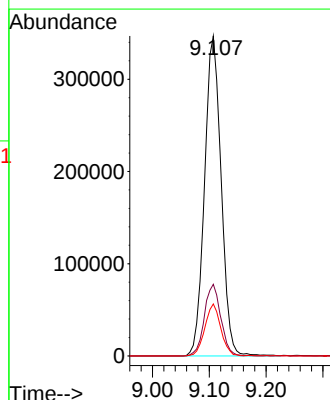
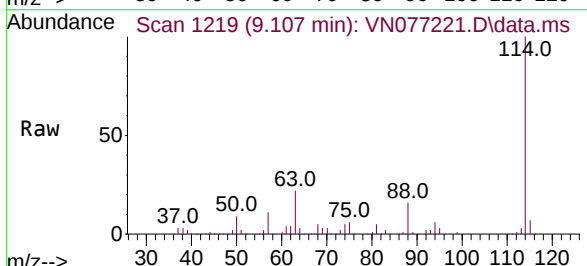
Tgt Ion: 114 Resp: 703586

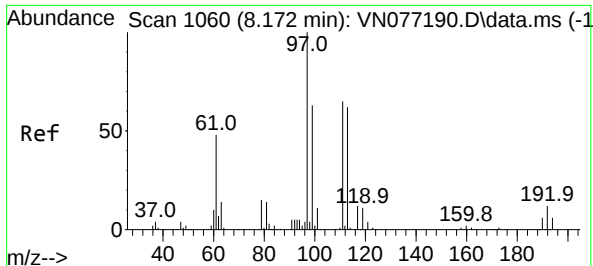
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.6

88 16.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 46.319 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077221.D

Acq: 27 Mar 2023 23:30

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-E-032223

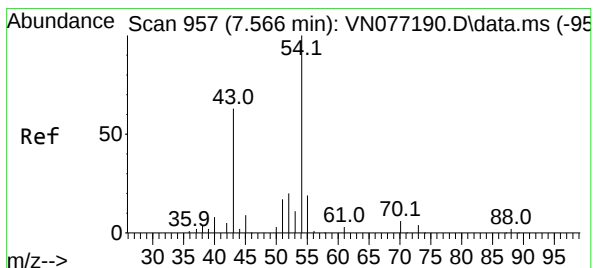
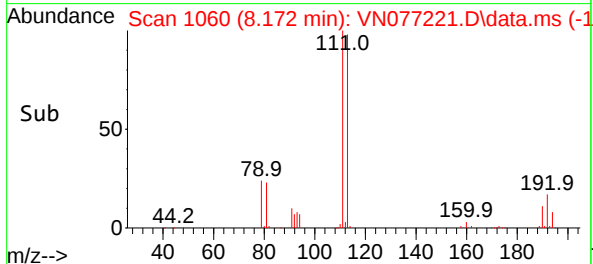
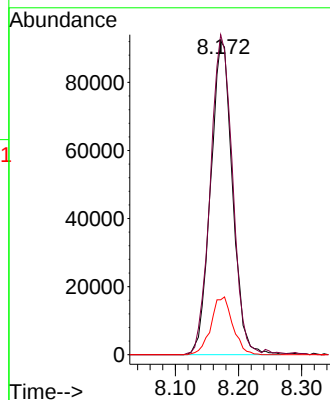
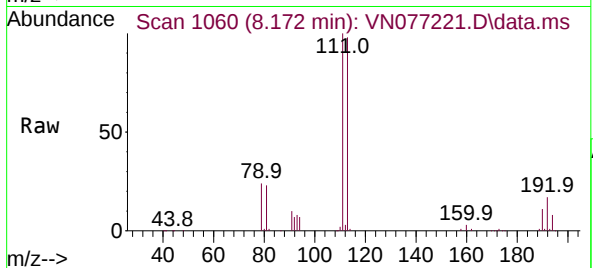
Tgt Ion:113 Resp: 221137

Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 18.3 13.9 20.9



#37

Ethyl Acetate

Concen: 20.835 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077221.D

Acq: 27 Mar 2023 23:30

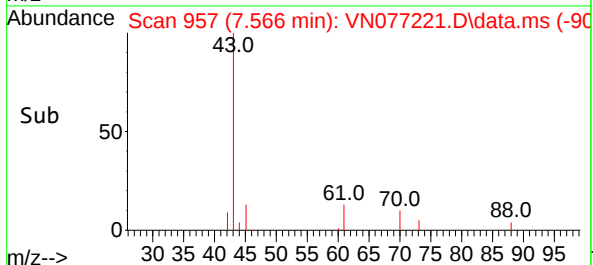
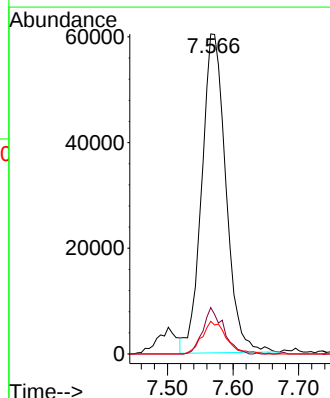
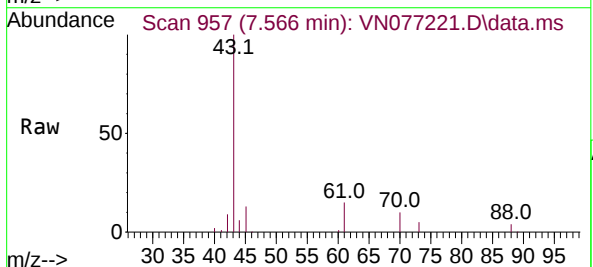
Tgt Ion: 43 Resp: 154310

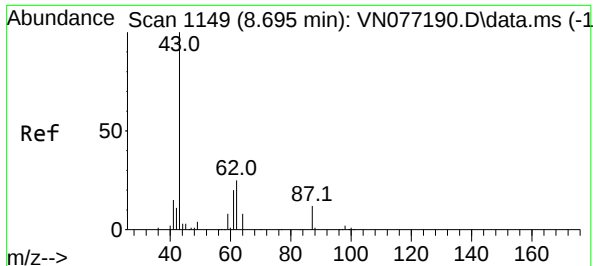
Ion Ratio Lower Upper

43 100

61 12.4 13.5 20.3#

70 10.2 11.0 16.6#

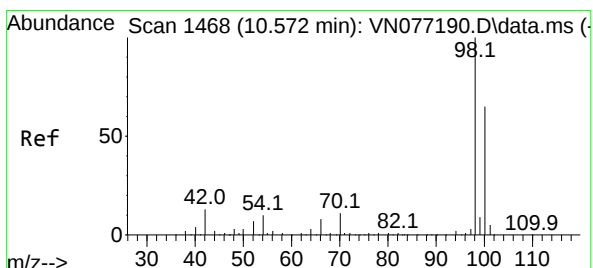
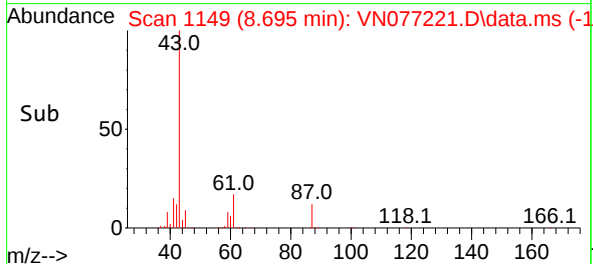
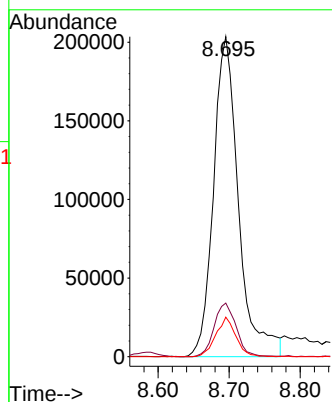
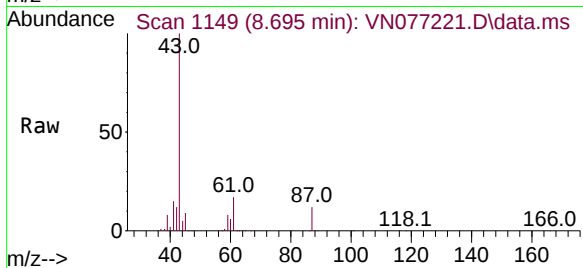




#43
Isopropyl Acetate
Concen: 41.625 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077221.D
Acq: 27 Mar 2023 23:30

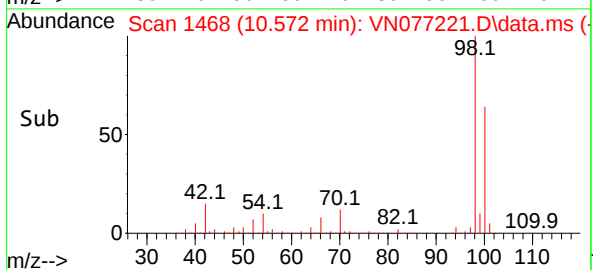
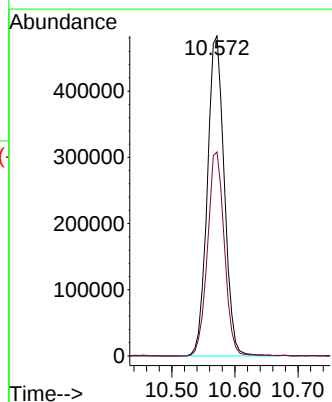
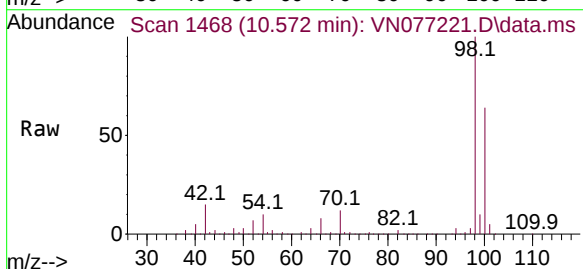
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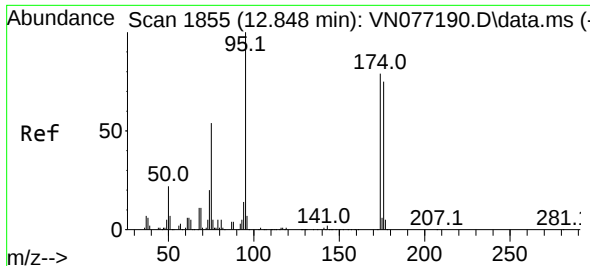
Tgt Ion: 43 Resp: 497364
Ion Ratio Lower Upper
43 100
61 14.8 26.2 39.2#
87 9.9 14.8 22.2#



#50
Toluene-d8
Concen: 50.317 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077221.D
Acq: 27 Mar 2023 23:30

Tgt Ion: 98 Resp: 900115
Ion Ratio Lower Upper
98 100
100 63.5 52.8 79.2

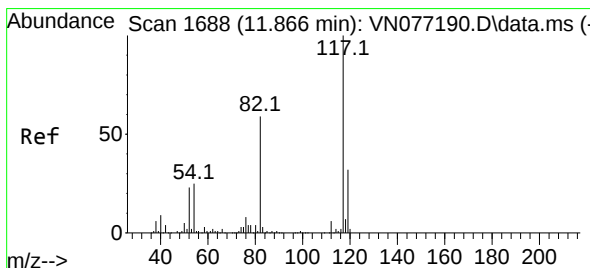
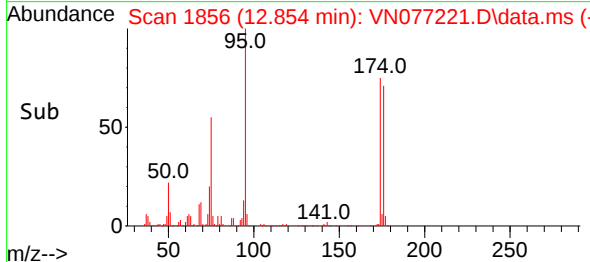
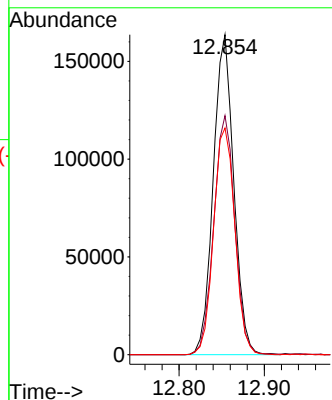
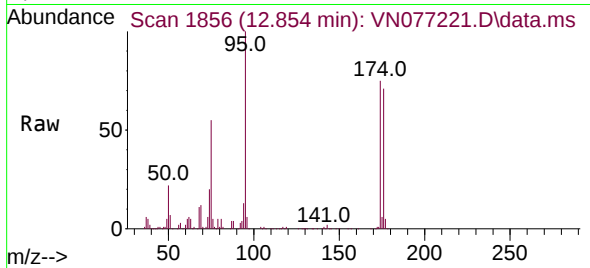




#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077221.D
Acq: 27 Mar 2023 23:30

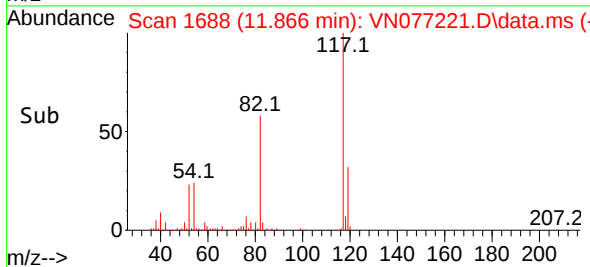
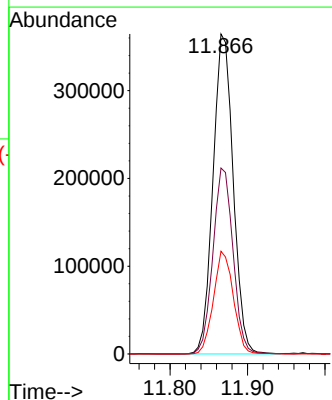
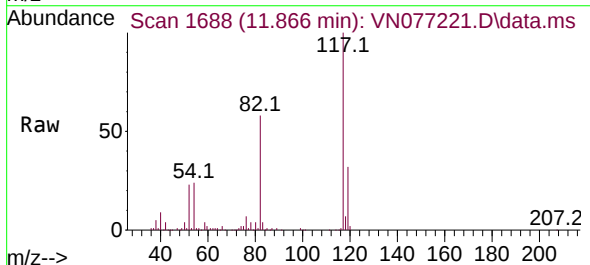
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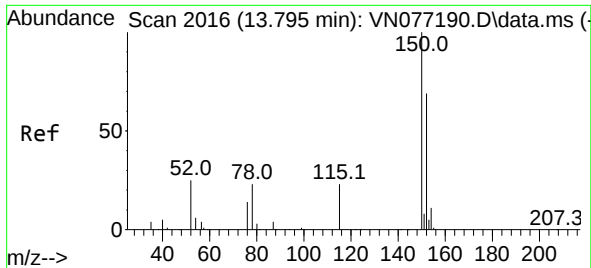
Tgt Ion: 95 Resp: 273298
Ion Ratio Lower Upper
95 100
174 76.7 0.0 162.4
176 73.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077221.D
Acq: 27 Mar 2023 23:30

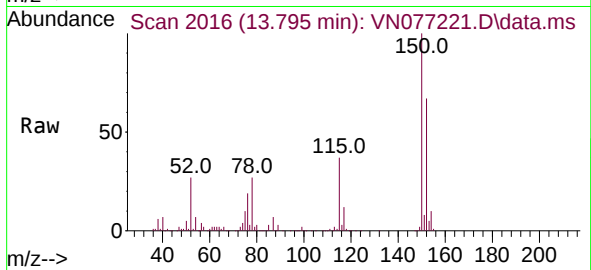
Tgt Ion: 117 Resp: 660035
Ion Ratio Lower Upper
117 100
82 58.1 43.5 65.3
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077221.D
 Acq: 27 Mar 2023 23:30

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-TCLP-E-032223



Tgt Ion:152 Resp: 243136
 Ion Ratio Lower Upper
 152 100
 115 61.6 30.3 90.9
 150 153.7 0.0 353.6

