

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077225.D
 Acq On : 28 Mar 2023 01:06
 Operator : JC\MD
 Sample : 02081-08 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-TCLP-Y-032323

Quant Time: Mar 28 07:49:43 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)

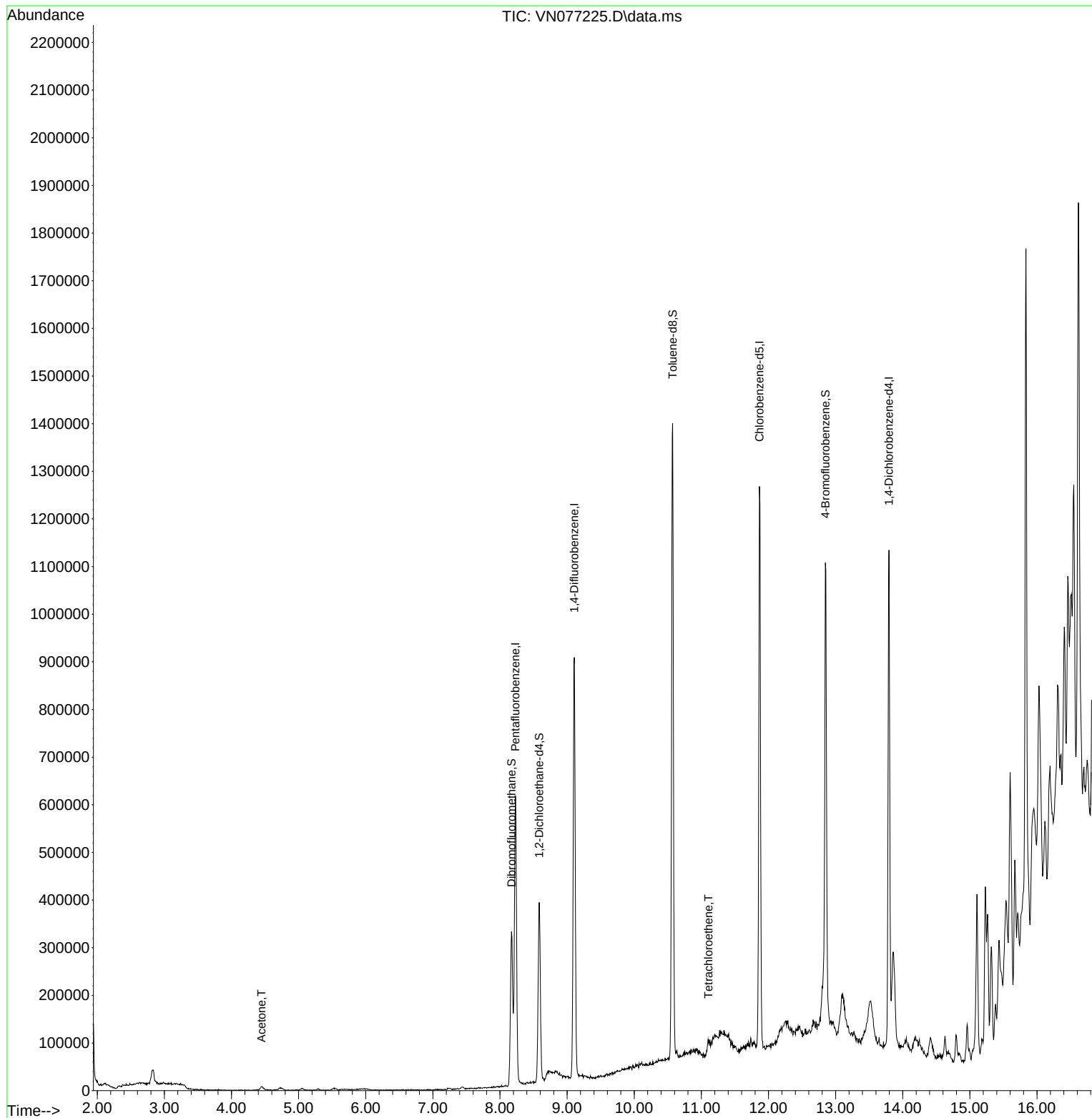
Internal Standards						
1) Pentafluorobenzene	8.230	168	424586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	738534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	658358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	262270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	308394	46.455	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.900%		
35) Dibromofluoromethane	8.172	113	230950	46.086	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	10.571	98	924397	49.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.460%		
62) 4-Bromofluorobenzene	12.848	95	297275	48.238	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.480%		
Target Compounds						
16) Acetone	4.448	43	14798	5.995	ug/l #	86
64) Tetrachloroethene	11.107	164	6618	1.620	ug/l #	72

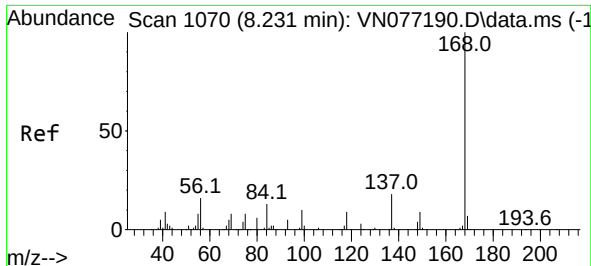
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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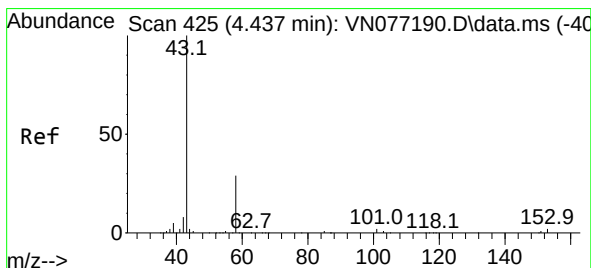
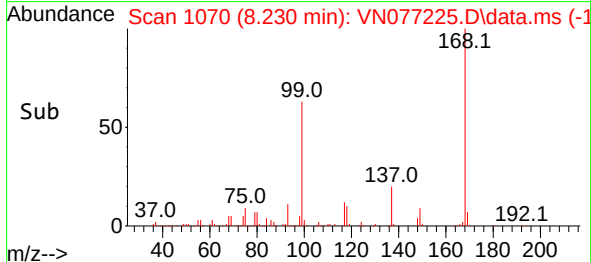
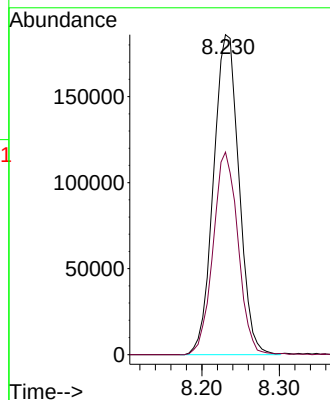
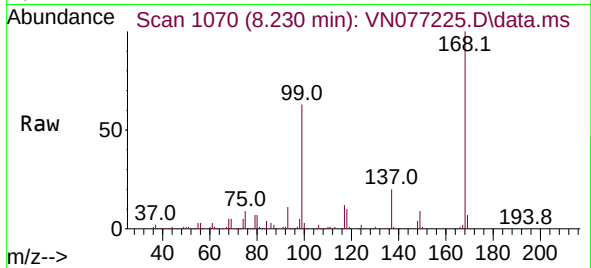




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077225.D
Acq: 28 Mar 2023 01:06

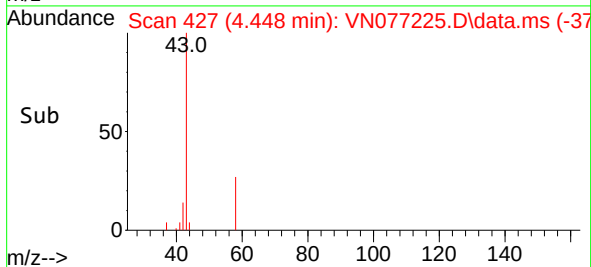
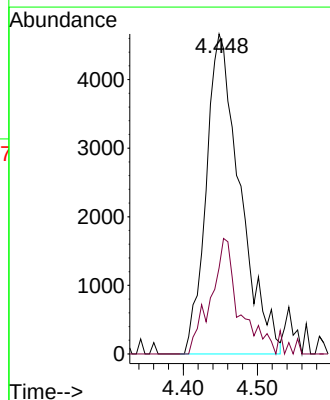
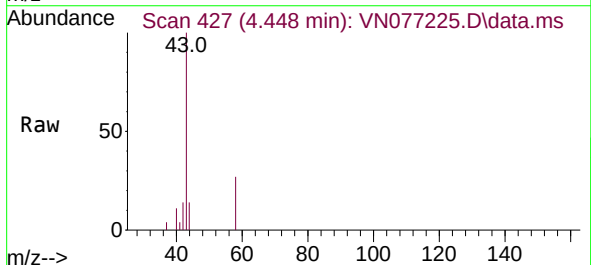
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-Y-032323

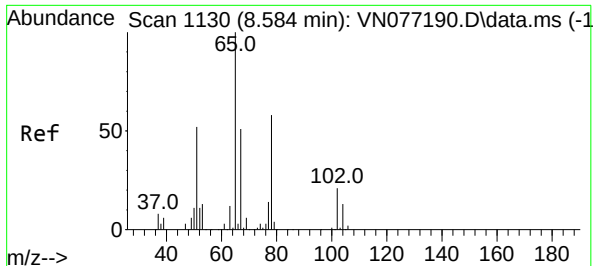
Tgt Ion:168 Resp: 424586
Ion Ratio Lower Upper
168 100
99 63.3 48.6 73.0



#16
Acetone
Concen: 5.995 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077225.D
Acq: 28 Mar 2023 01:06

Tgt Ion: 43 Resp: 14798
Ion Ratio Lower Upper
43 100
58 26.9 28.2 42.2#





#33

1,2-Dichloroethane-d4

Concen: 46.455 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077225.D

Acq: 28 Mar 2023 01:06

Instrument :

MSVOA_N

ClientSampleId :

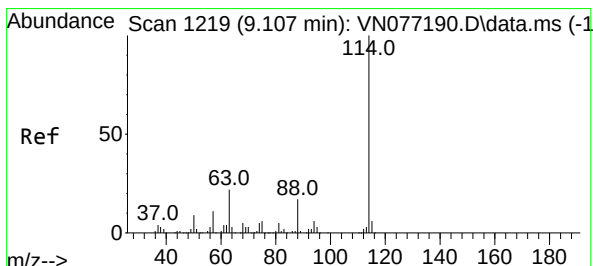
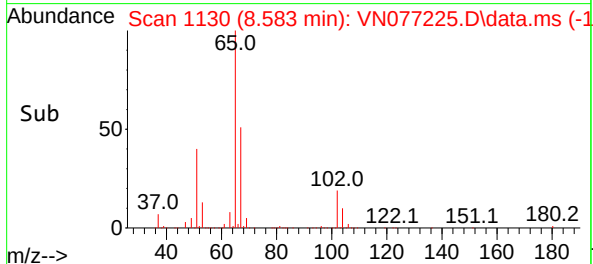
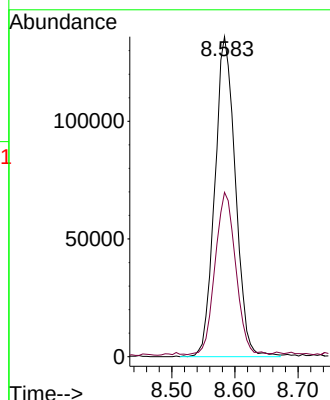
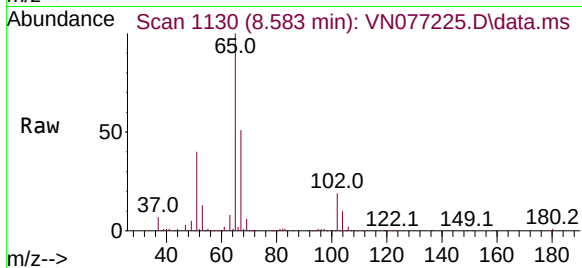
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Tgt Ion: 65 Resp: 308394

Ion Ratio Lower Upper

65 100

67 50.6 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: VN077225.D

Acq: 28 Mar 2023 01:06

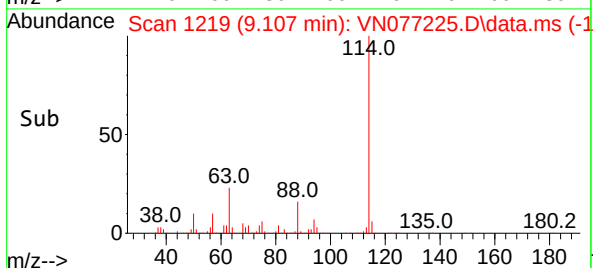
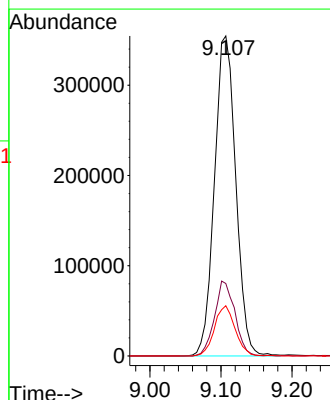
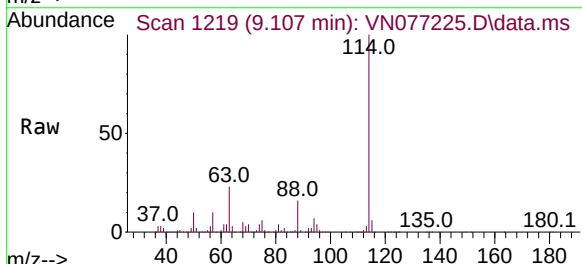
Tgt Ion: 114 Resp: 738534

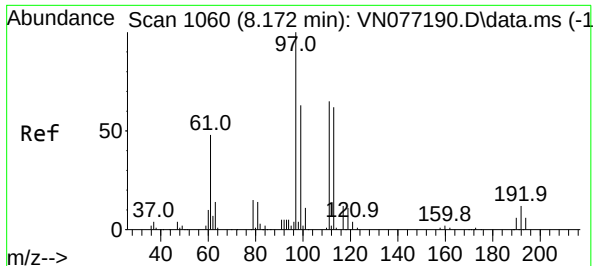
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.6

88 15.7 0.0 28.6

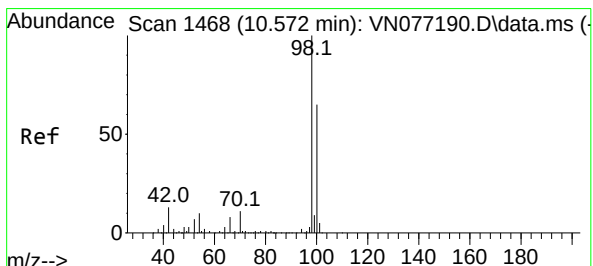
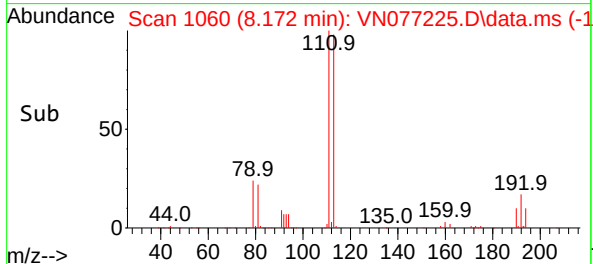
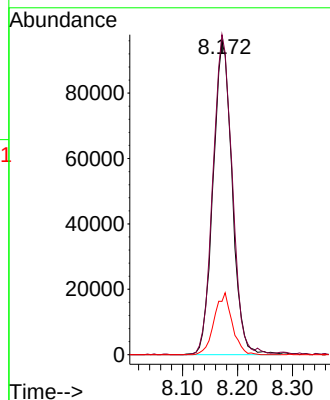
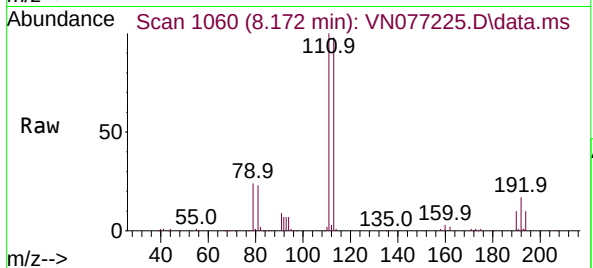




#35
Dibromofluoromethane
Concen: 46.086 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077225.D
Acq: 28 Mar 2023 01:06

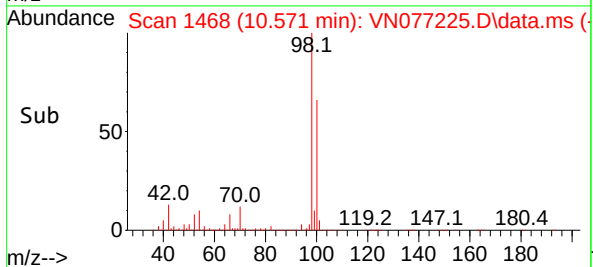
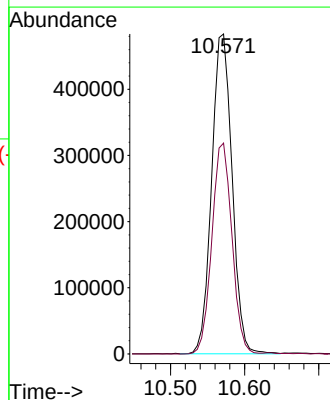
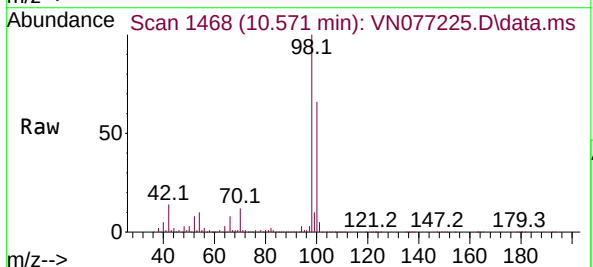
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-Y-032323

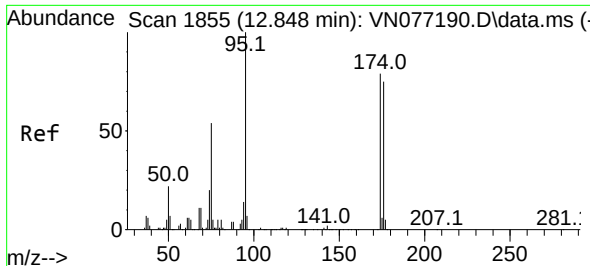
Tgt Ion:113 Resp: 230950
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.8
192 18.6 13.9 20.9



#50
Toluene-d8
Concen: 49.229 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077225.D
Acq: 28 Mar 2023 01:06

Tgt Ion: 98 Resp: 924397
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

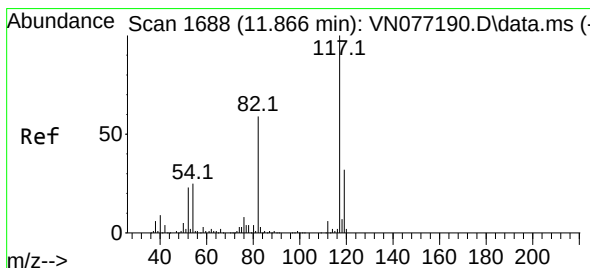
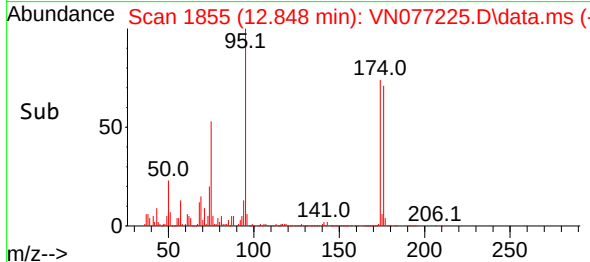
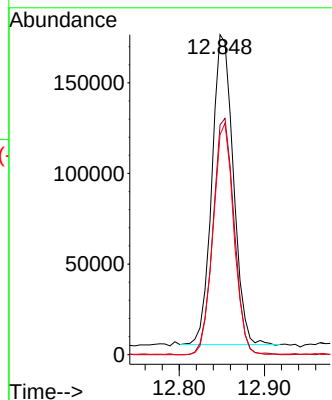
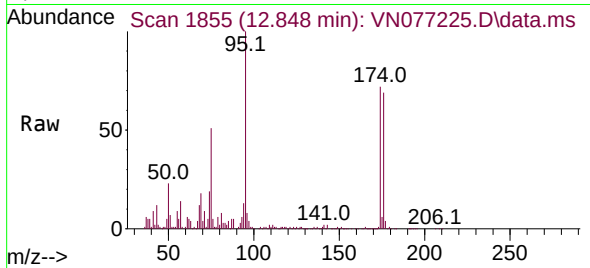




#62
4-Bromofluorobenzene
Concen: 48.238 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077225.D
Acq: 28 Mar 2023 01:06

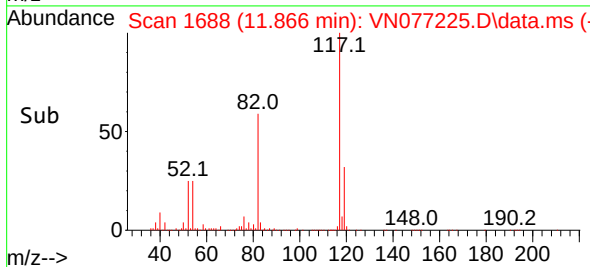
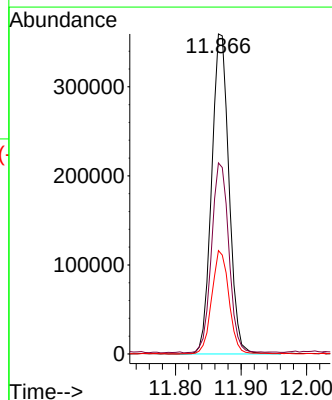
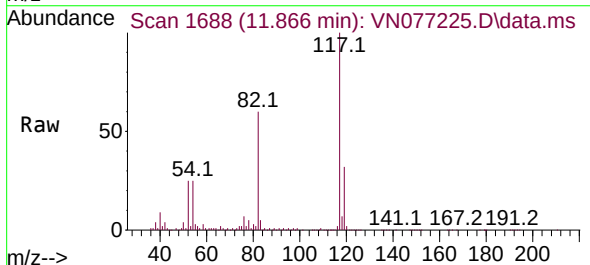
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-Y-032323

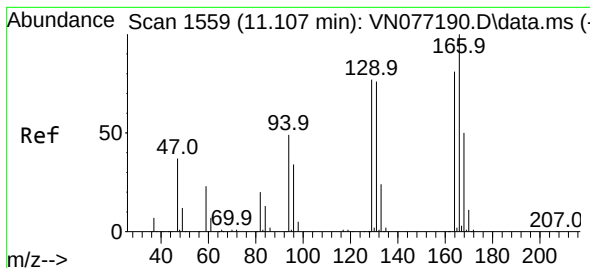
Tgt Ion: 95 Resp: 297275
Ion Ratio Lower Upper
95 100
174 75.6 0.0 162.4
176 72.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077225.D
Acq: 28 Mar 2023 01:06

Tgt Ion: 117 Resp: 658358
Ion Ratio Lower Upper
117 100
82 59.2 43.5 65.3
119 32.2 25.5 38.3





#64

Tetrachloroethene

Concen: 1.620 ug/l

RT: 11.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077225.D

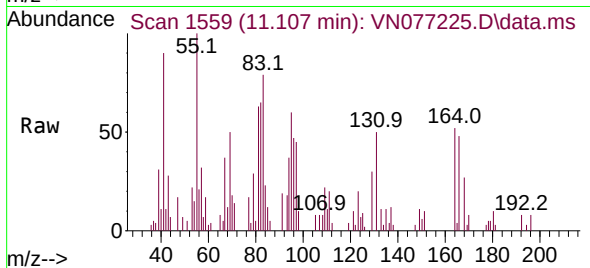
Acq: 28 Mar 2023 01:06

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-Y-032323



Tgt Ion:164 Resp: 6618

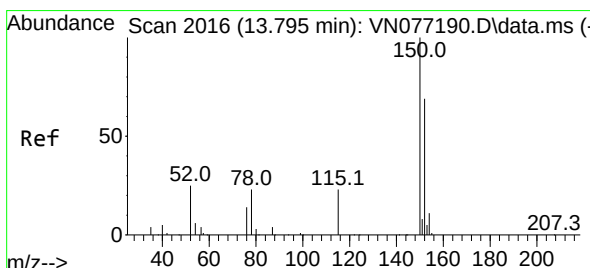
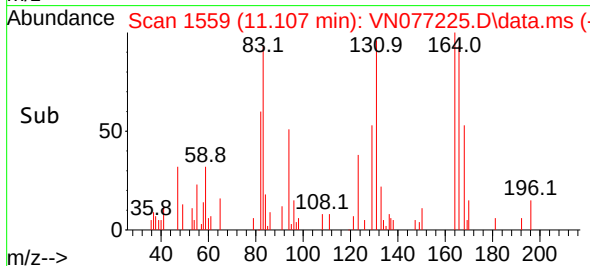
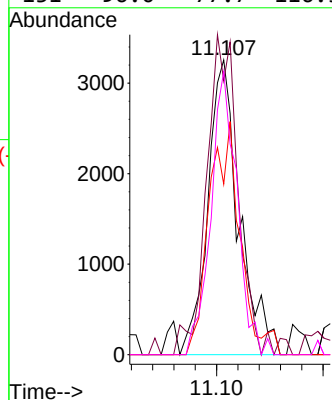
Ion Ratio Lower Upper

164 100

166 87.4 102.7 154.1#

129 57.8 81.5 122.3#

131 96.0 77.7 116.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077225.D

Acq: 28 Mar 2023 01:06

Tgt Ion:152 Resp: 262270

Ion Ratio Lower Upper

152 100

115 61.3 30.3 90.9

150 157.1 0.0 353.6

