

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077220.D
 Acq On : 27 Mar 2023 23:05
 Operator : JC\MD
 Sample : 02081-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 28 07:47:18 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)

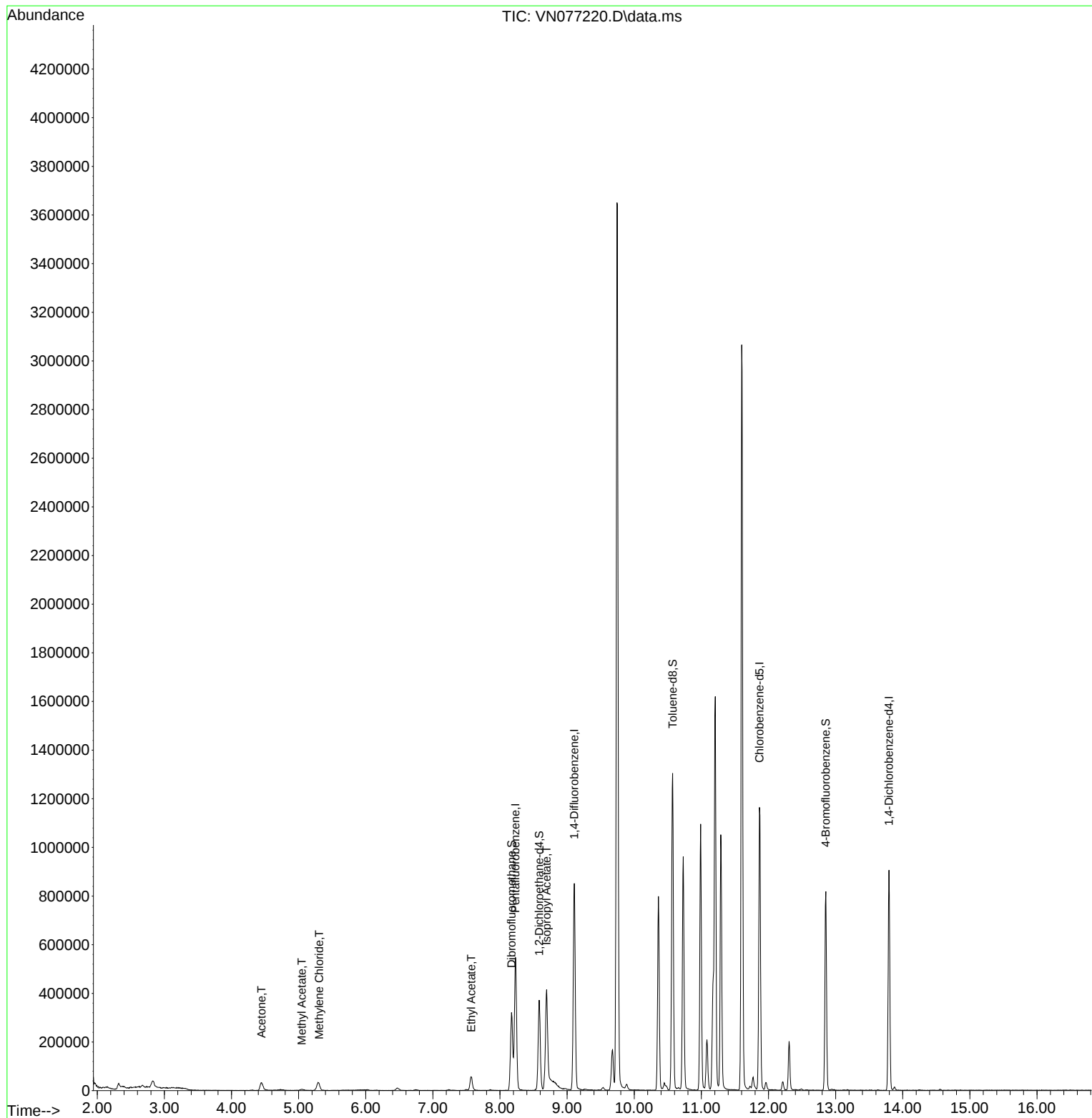
Internal Standards						
1) Pentafluorobenzene	8.231	168	376140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	696978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	643280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	229451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	295021	50.164	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.172	113	221589	46.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.700%			
50) Toluene-d8	10.572	98	873639	49.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.600%			
62) 4-Bromofluorobenzene	12.854	95	260983	44.874	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.740%			
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	65737	30.062	ug/l #	87
18) Methyl Acetate	5.048	43	10864	1.242	ug/l #	70
20) Methylene Chloride	5.307	84	23855	4.899	ug/l	85
37) Ethyl Acetate	7.572	43	87838	11.972	ug/l #	91
43) Isopropyl Acetate	8.695	43	520537	43.978	ug/l #	71

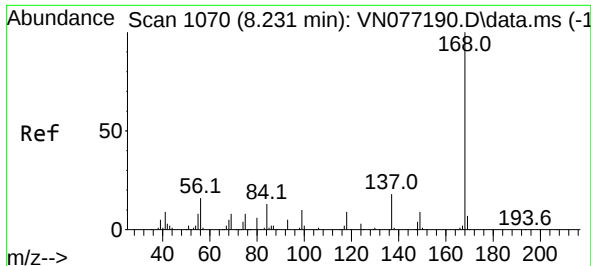
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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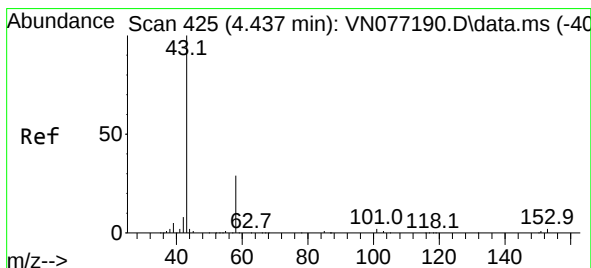
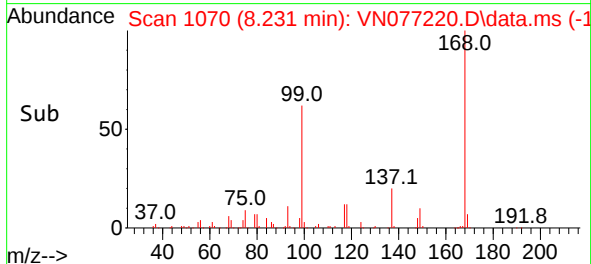
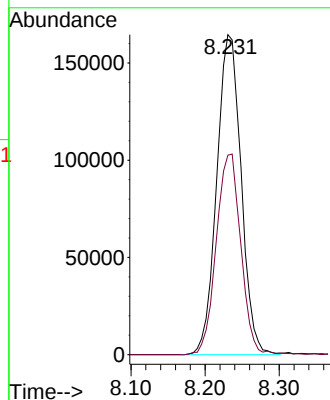
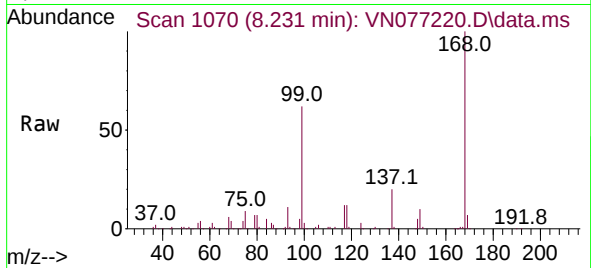




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

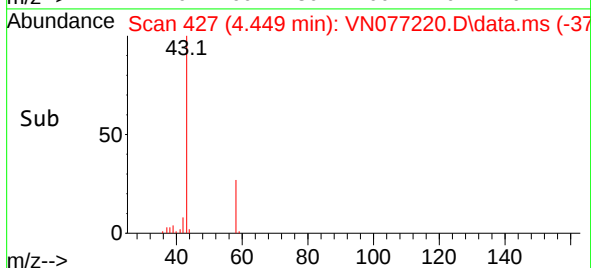
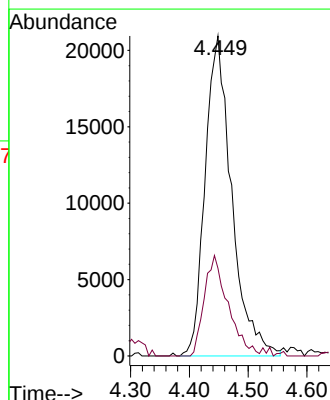
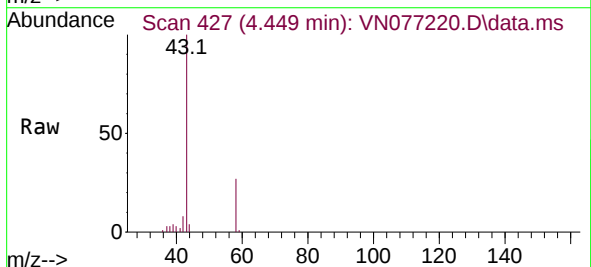
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-D-032223

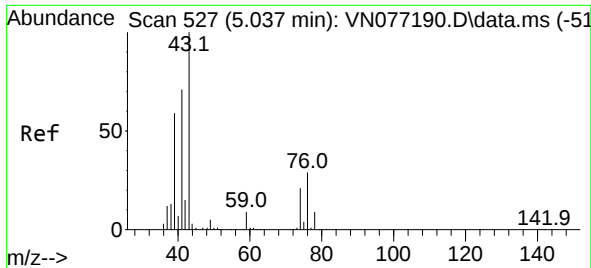
Tgt Ion:168 Resp: 376140
Ion Ratio Lower Upper
168 100
99 62.3 48.6 73.0



#16
Acetone
Concen: 30.062 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

Tgt Ion: 43 Resp: 65737
Ion Ratio Lower Upper
43 100
58 27.4 28.2 42.2#

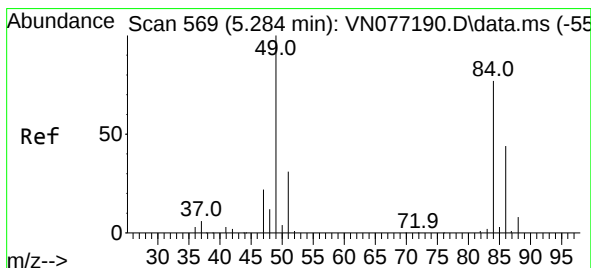
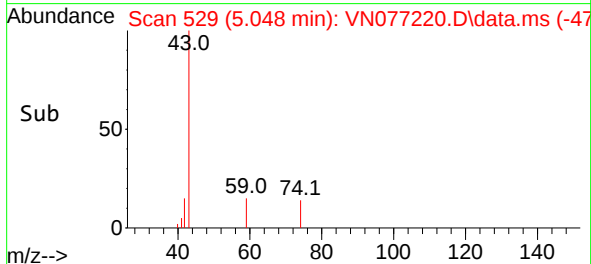
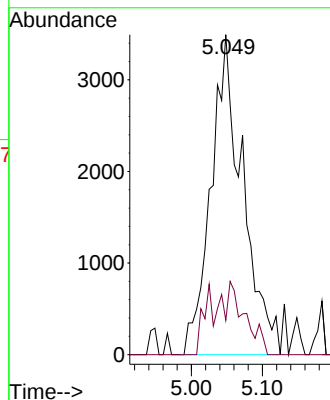
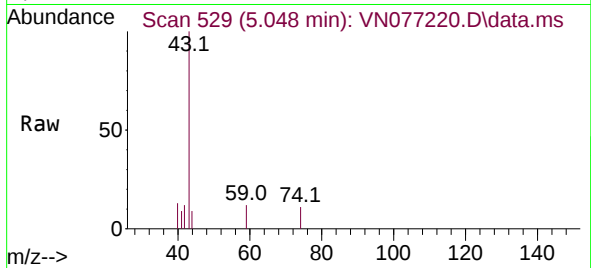




#18
Methyl Acetate
Concen: 1.242 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

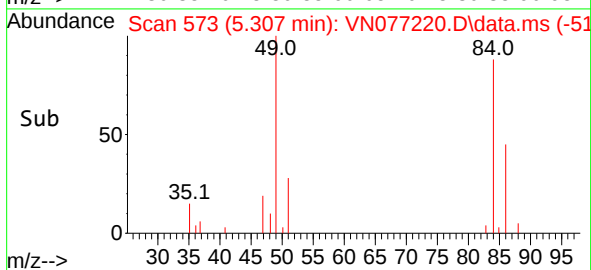
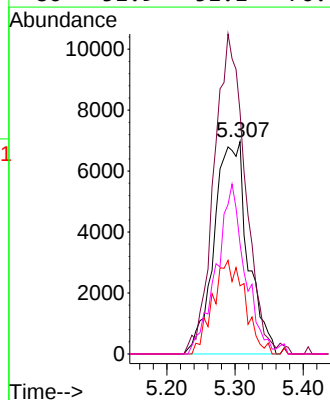
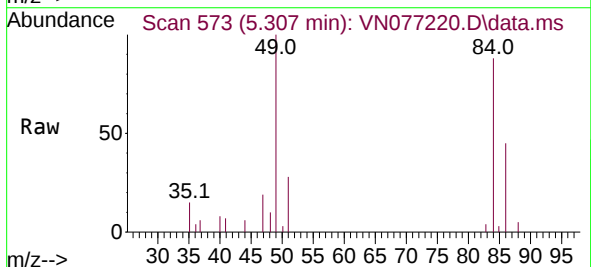
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-D-032223

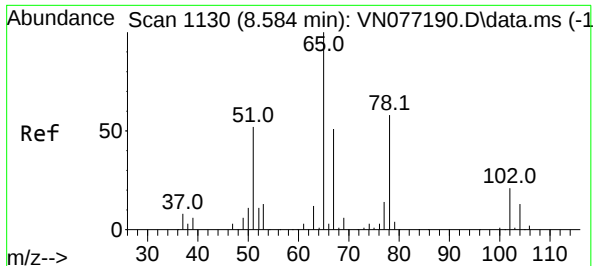
Tgt Ion: 43 Resp: 10864
Ion Ratio Lower Upper
43 100
74 15.6 25.9 38.9#



#20
Methylene Chloride
Concen: 4.899 ug/l
RT: 5.307 min Scan# 573
Delta R.T. 0.023 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

Tgt Ion: 84 Resp: 23855
Ion Ratio Lower Upper
84 100
49 114.0 76.6 114.8
51 32.1 25.4 38.2
86 51.9 51.1 76.7

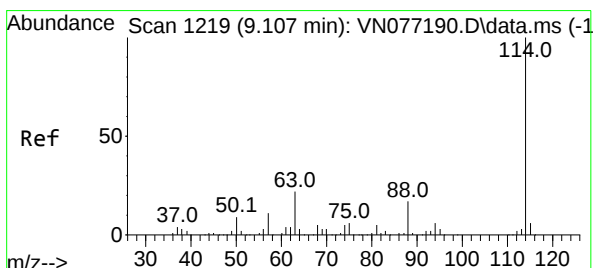
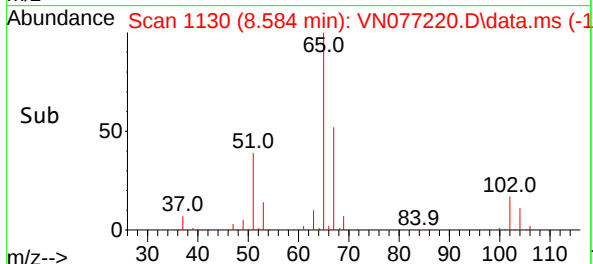
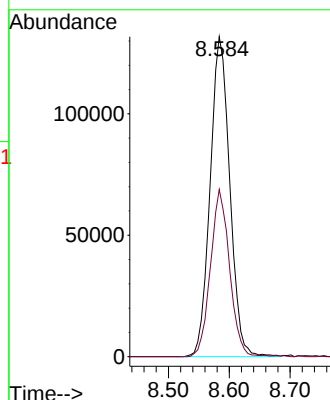
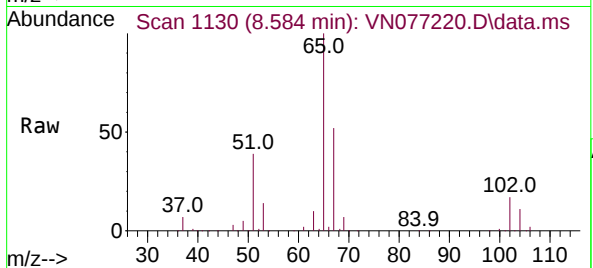




#33
1,2-Dichloroethane-d4
Concen: 50.164 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

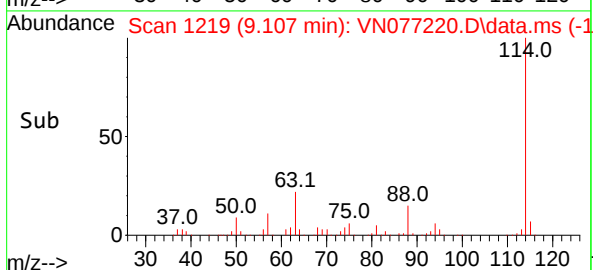
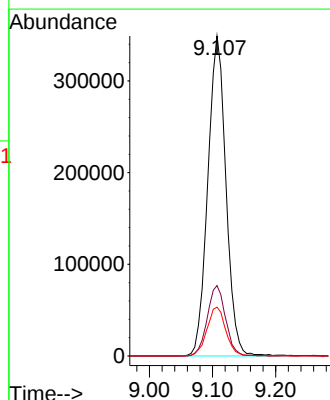
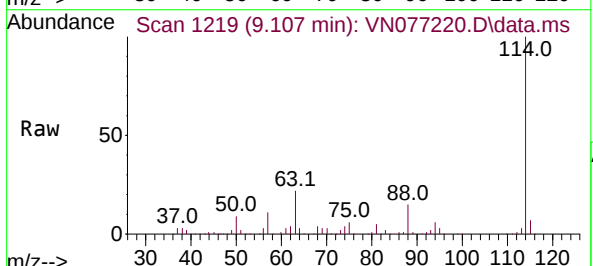
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-D-032223

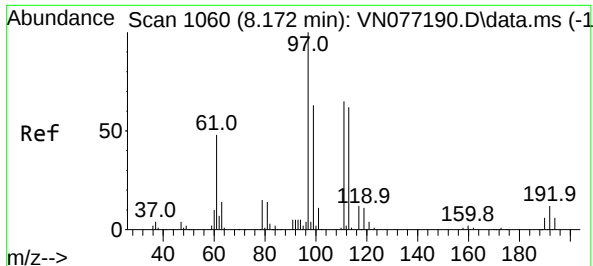
Tgt Ion: 65 Resp: 295021
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

Tgt Ion: 114 Resp: 696978
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.6
88 15.3 0.0 28.6





#35

Dibromofluoromethane

Concen: 46.854 ug/l

RT: 8.172 min Scan# 113

Delta R.T. -0.000 min

Lab File: VN077220.D

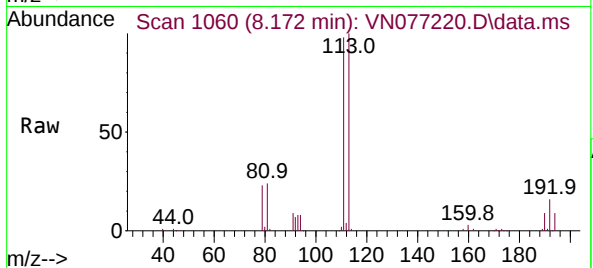
Acq: 27 Mar 2023 23:05

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-D-032223



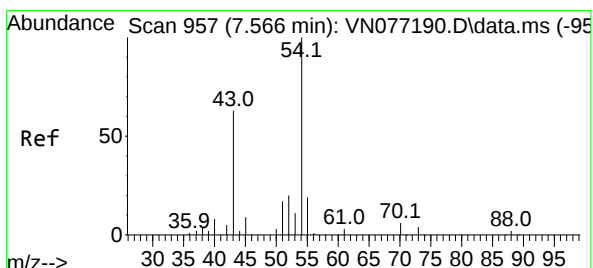
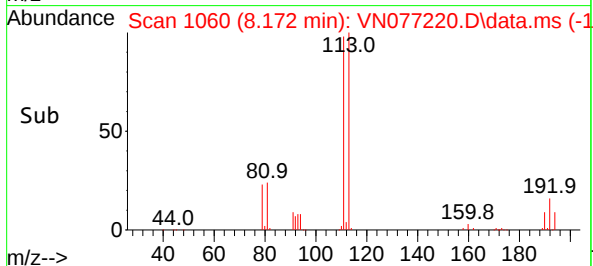
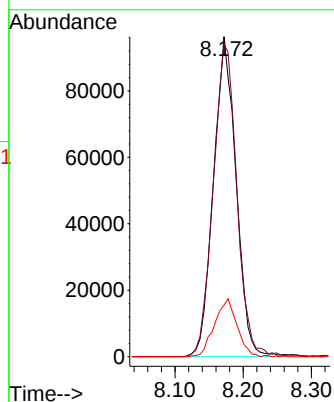
Tgt Ion:113 Resp: 221589

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 18.2 13.9 20.9



#37

Ethyl Acetate

Concen: 11.972 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077220.D

Acq: 27 Mar 2023 23:05

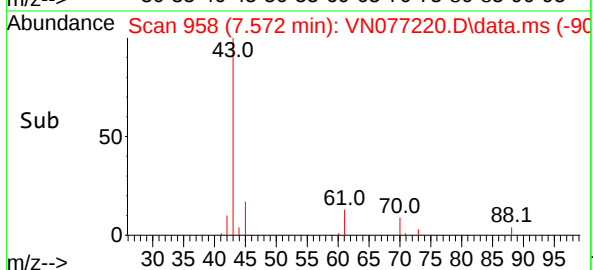
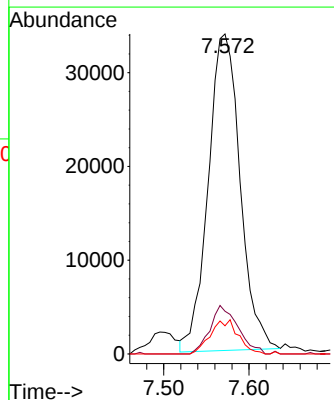
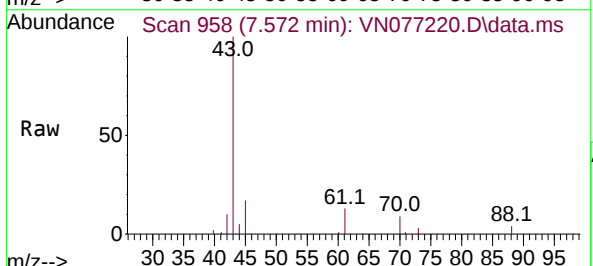
Tgt Ion: 43 Resp: 87838

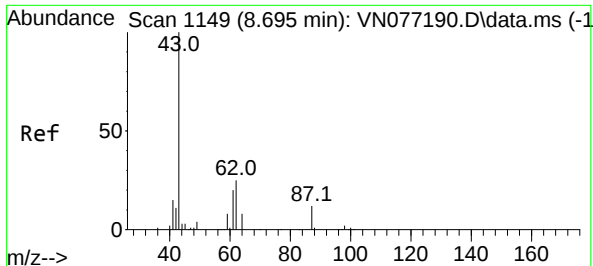
Ion Ratio Lower Upper

43 100

61 13.4 13.5 20.3#

70 9.4 11.0 16.6#

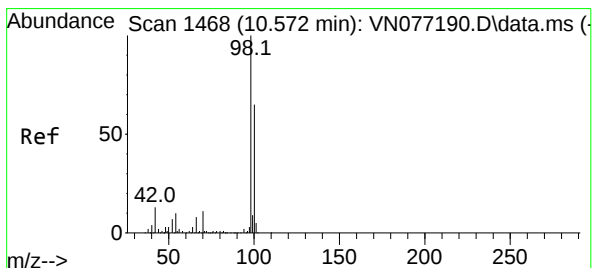
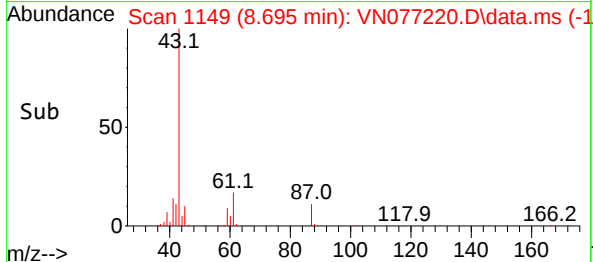
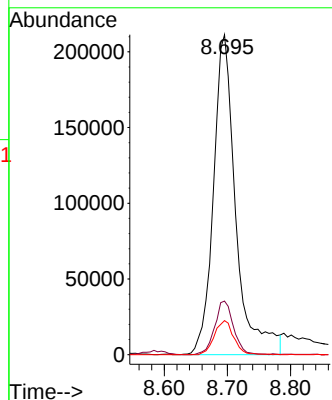
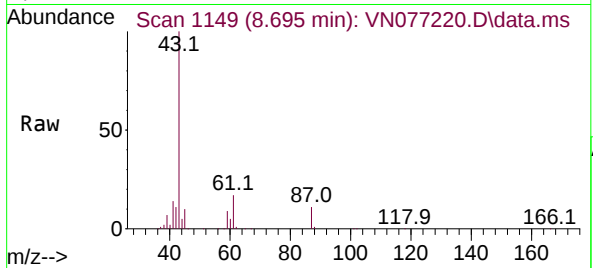




#43
Isopropyl Acetate
Concen: 43.978 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

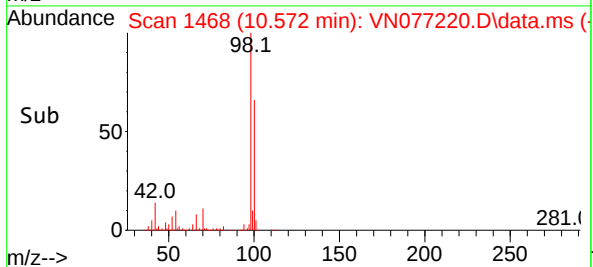
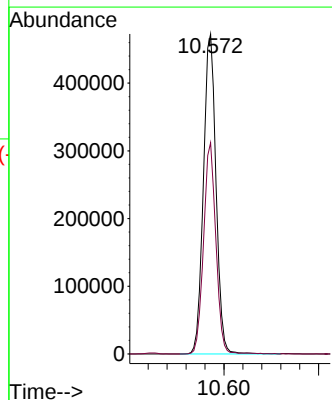
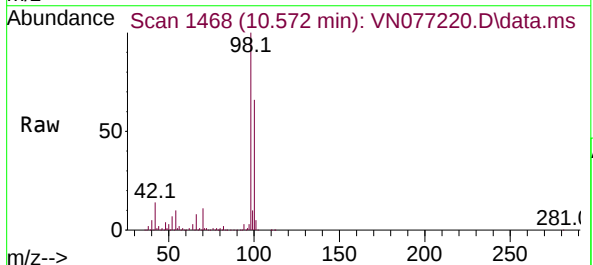
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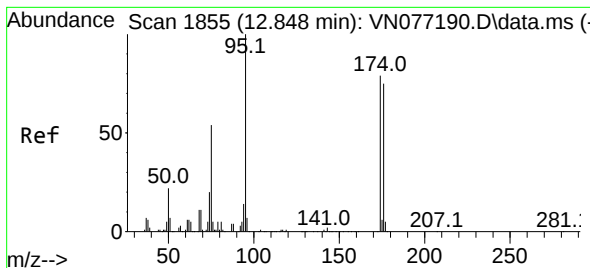
Tgt Ion: 43 Resp: 520537
Ion Ratio Lower Upper
43 100
61 14.1 26.2 39.2#
87 9.2 14.8 22.2#



#50
Toluene-d8
Concen: 49.300 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077220.D
Acq: 27 Mar 2023 23:05

Tgt Ion: 98 Resp: 873639
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 44.874 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077220.D

Acq: 27 Mar 2023 23:05

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-D-032223

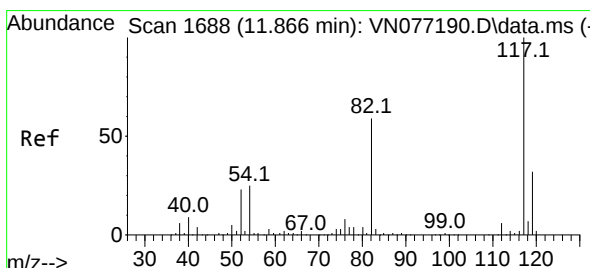
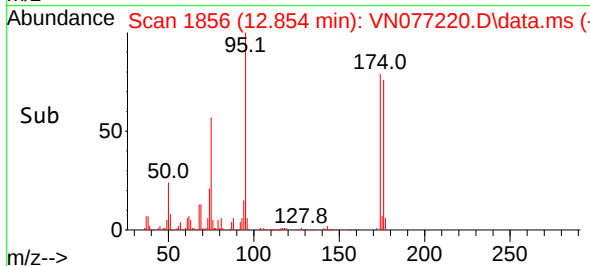
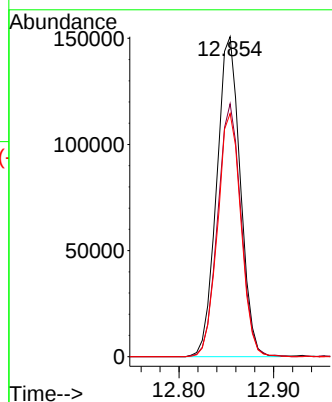
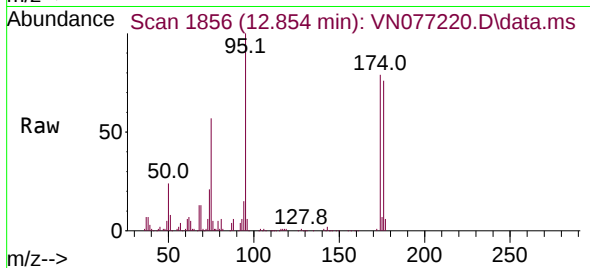
Tgt Ion: 95 Resp: 260983

Ion Ratio Lower Upper

95 100

174 78.5 0.0 162.4

176 75.3 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: VN077220.D

Acq: 27 Mar 2023 23:05

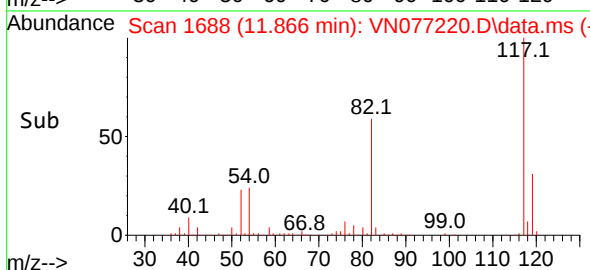
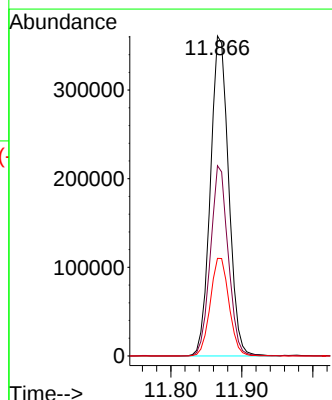
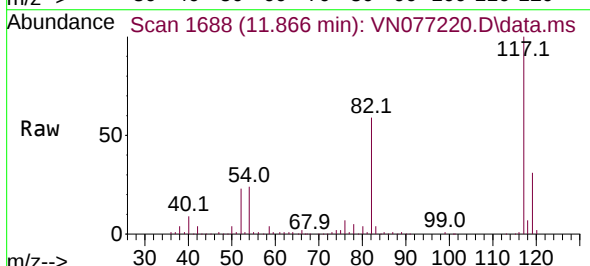
Tgt Ion: 117 Resp: 643280

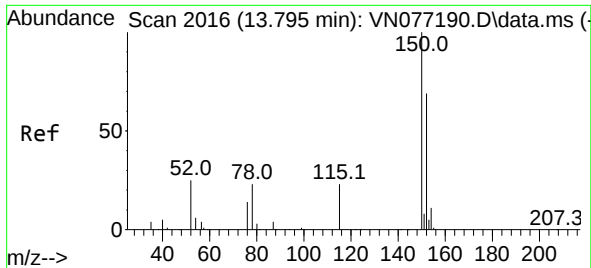
Ion Ratio Lower Upper

117 100

82 59.4 43.5 65.3

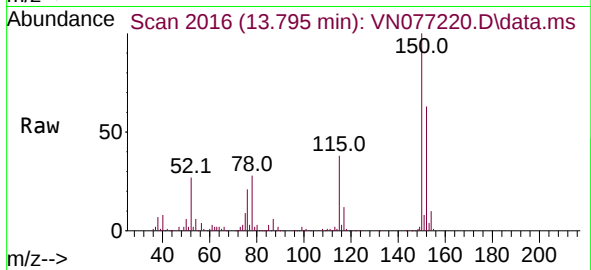
119 30.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077220.D
 Acq: 27 Mar 2023 23:05

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



Tgt Ion:152 Resp: 229451
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.3 90.9
 150 157.2 0.0 353.6

