

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077222.D
 Acq On : 27 Mar 2023 23:54
 Operator : JC\MD
 Sample : 02081-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Mar 28 07:48:15 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)

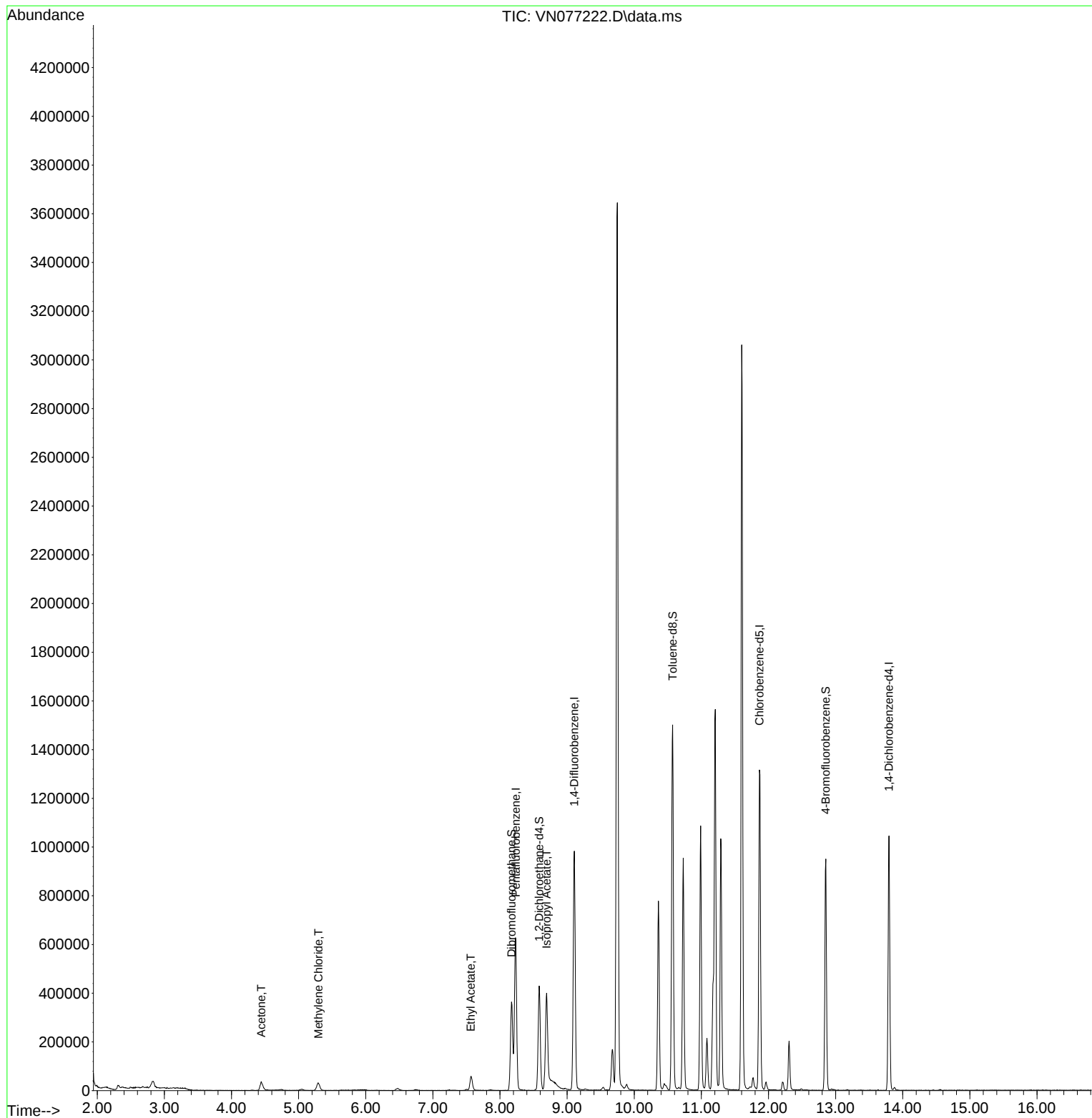
Internal Standards						
1) Pentafluorobenzene	8.236	168	442520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	813406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	735962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	268188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	344833	49.839	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.680%
35) Dibromofluoromethane	8.172	113	259387	46.996	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	10.572	98	1011740	48.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.854	95	307666	45.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.660%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	63992	24.874	ug/l	92
20) Methylene Chloride	5.295	84	23732	4.143	ug/l #	76
37) Ethyl Acetate	7.566	43	89121	10.409	ug/l #	91
43) Isopropyl Acetate	8.695	43	559128	40.477	ug/l #	69

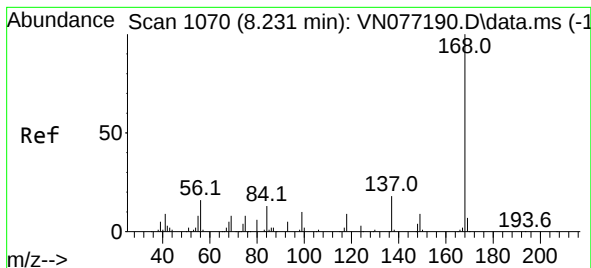
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077222.D

Acq: 27 Mar 2023 23:54

Instrument :

MSVOA_N

ClientSampleId :

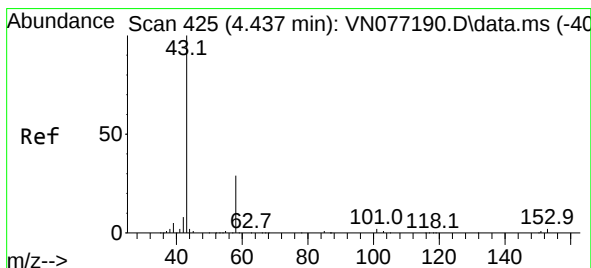
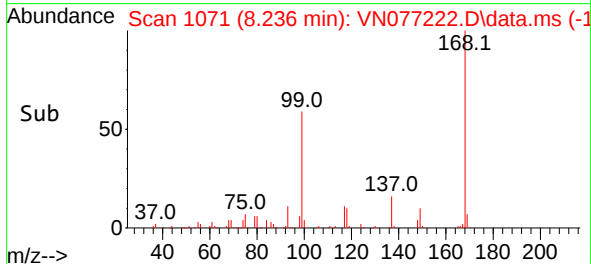
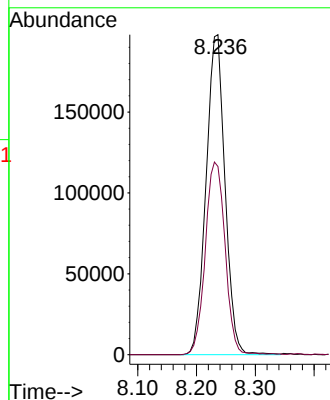
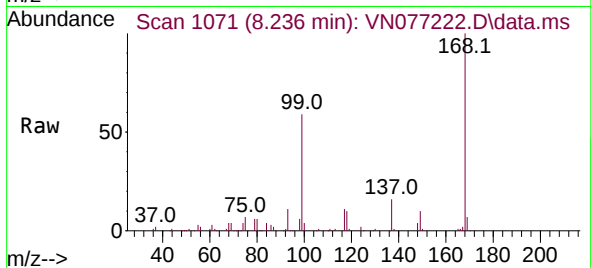
152140-TCLP-F-032223

Tgt Ion:168 Resp: 442520

Ion Ratio Lower Upper

168 100

99 58.8 48.6 73.0



#16

Acetone

Concen: 24.874 ug/l

RT: 4.442 min Scan# 426

Delta R.T. 0.005 min

Lab File: VN077222.D

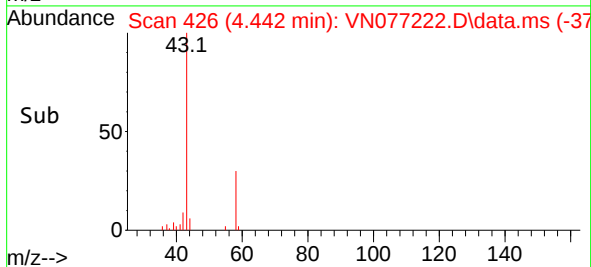
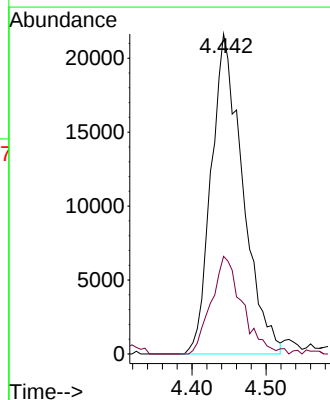
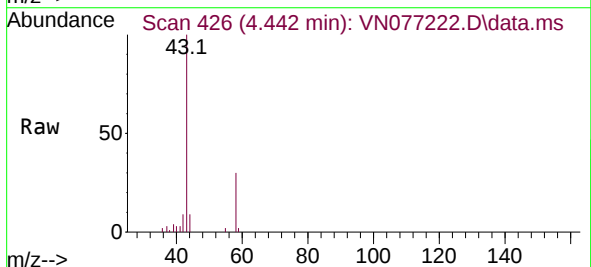
Acq: 27 Mar 2023 23:54

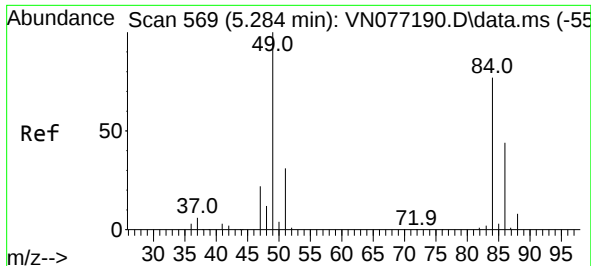
Tgt Ion: 43 Resp: 63992

Ion Ratio Lower Upper

43 100

58 30.5 28.2 42.2

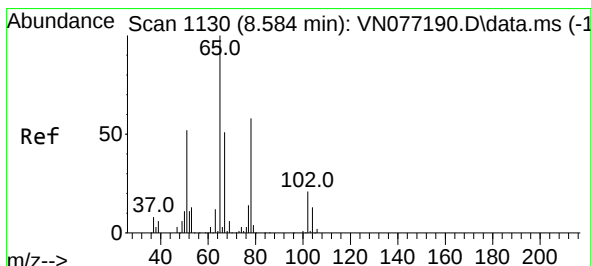
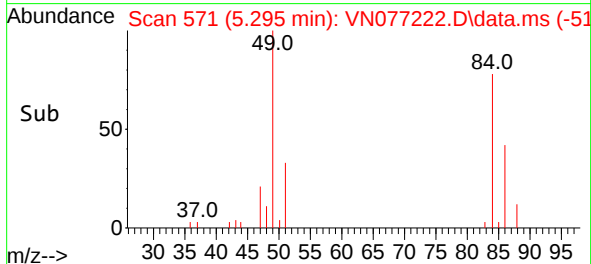
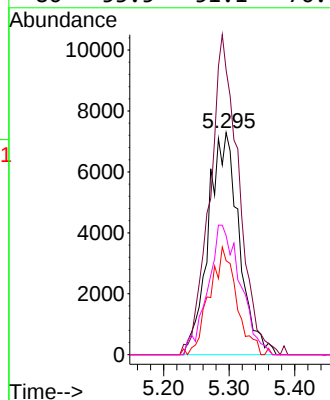
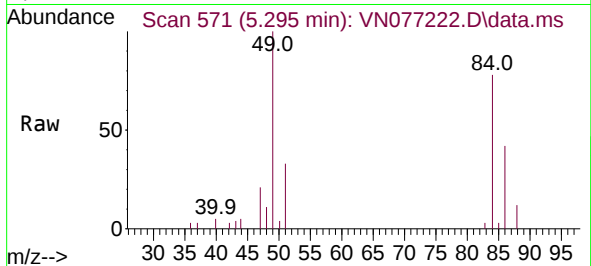




#20
Methylene Chloride
Concen: 4.143 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077222.D
Acq: 27 Mar 2023 23:54

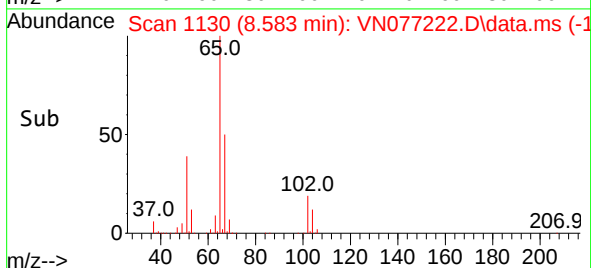
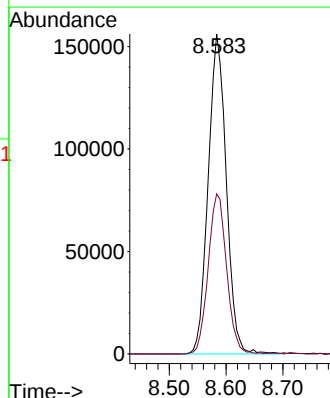
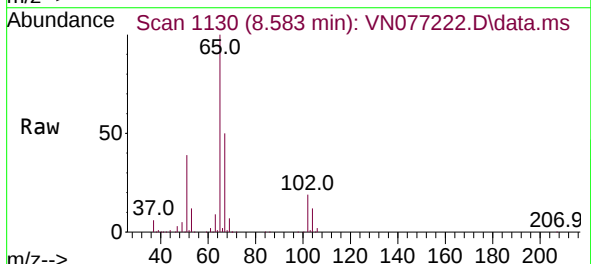
Instrument :
MSVOA_N
ClientSampleId :
152140-TCLP-F-032223

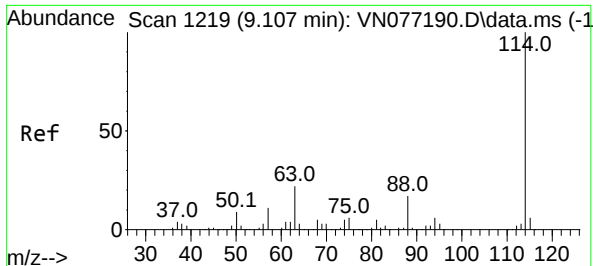
Tgt Ion:	84	Resp:	23732
Ion	Ratio	Lower	Upper
84	100		
49	128.2	76.6	114.8#
51	42.3	25.4	38.2#
86	53.5	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.839 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077222.D
Acq: 27 Mar 2023 23:54

Tgt Ion:	65	Resp:	344833
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077222.D

Acq: 27 Mar 2023 23:54

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-F-032223

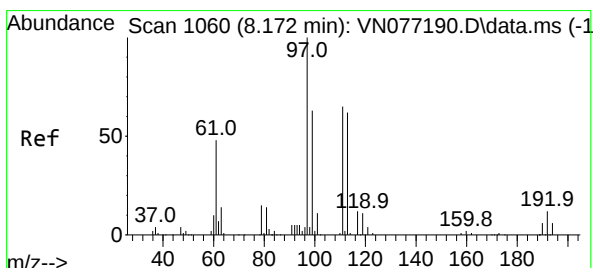
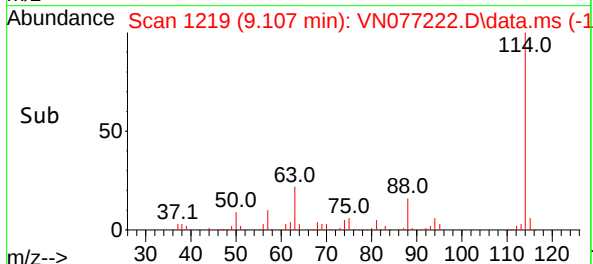
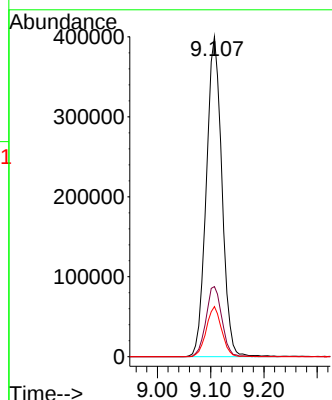
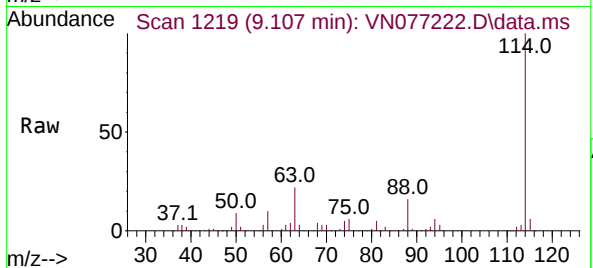
Tgt Ion:114 Resp: 813406

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.6

88 15.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.996 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077222.D

Acq: 27 Mar 2023 23:54

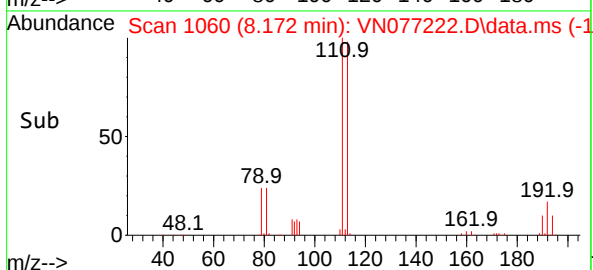
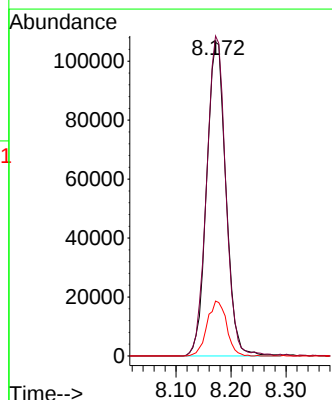
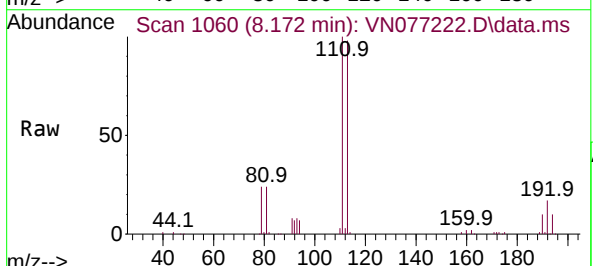
Tgt Ion:113 Resp: 259387

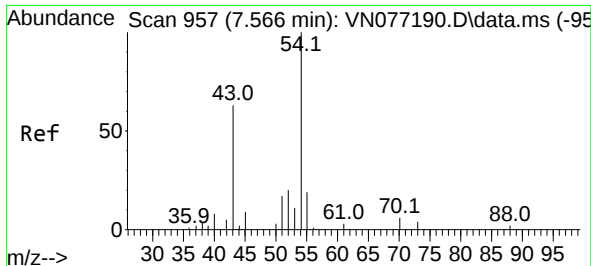
Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 17.6 13.9 20.9

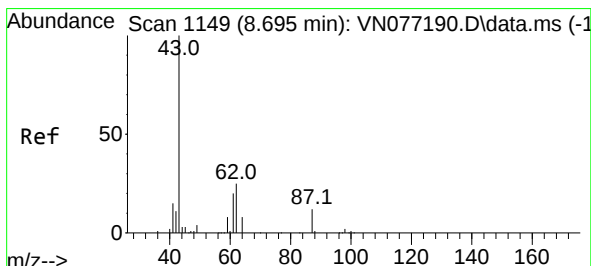
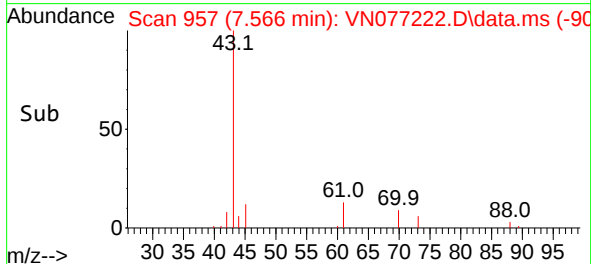
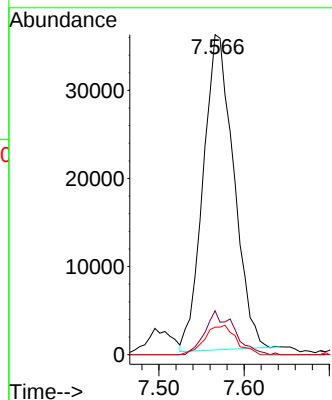
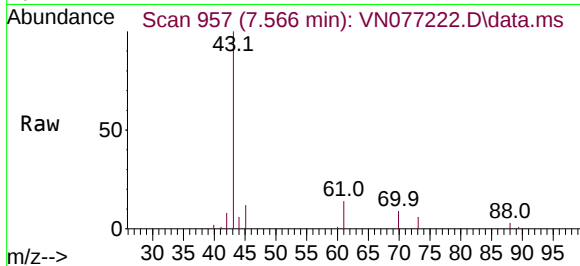




#37
Ethyl Acetate
Concen: 10.409 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077222.D
Acq: 27 Mar 2023 23:54

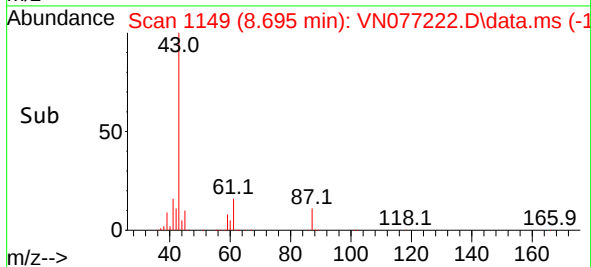
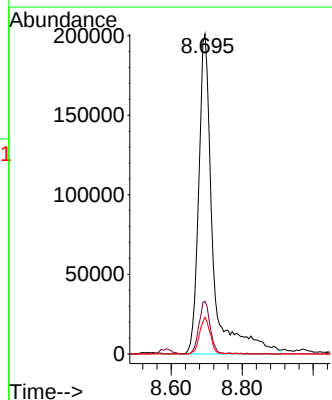
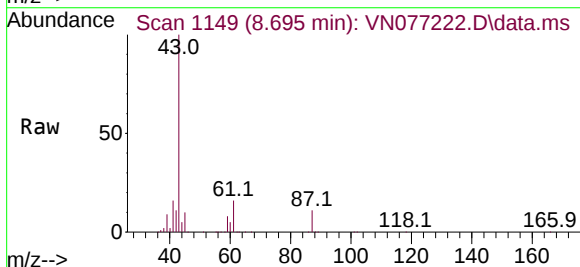
Instrument :
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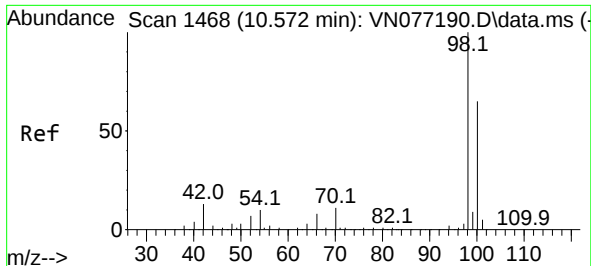
Tgt Ion: 43 Resp: 89121
Ion Ratio Lower Upper
43 100
61 13.3 13.5 20.3#
70 9.5 11.0 16.6#



#43
Isopropyl Acetate
Concen: 40.477 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077222.D
Acq: 27 Mar 2023 23:54

Tgt Ion: 43 Resp: 559128
Ion Ratio Lower Upper
43 100
61 12.9 26.2 39.2#
87 8.5 14.8 22.2#

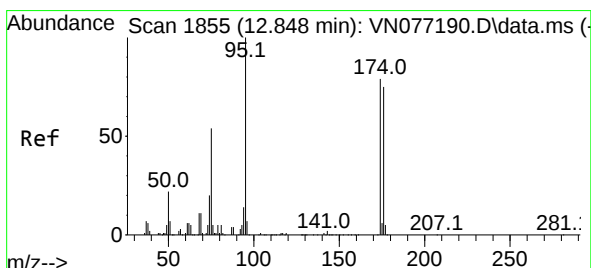
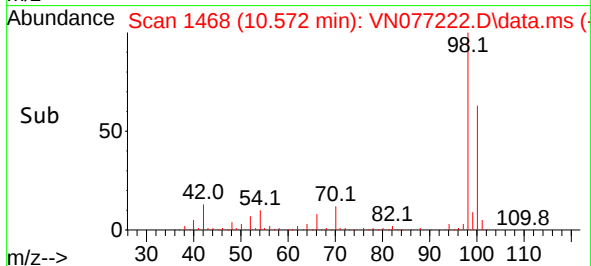
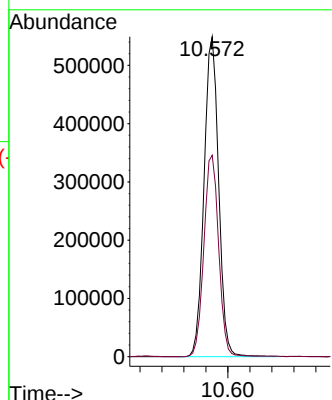
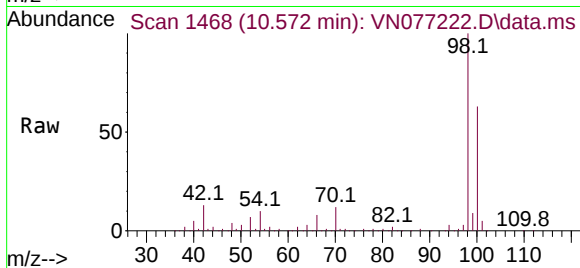




#50
Toluene-d8
Concen: 48.921 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077222.D
Acq: 27 Mar 2023 23:54

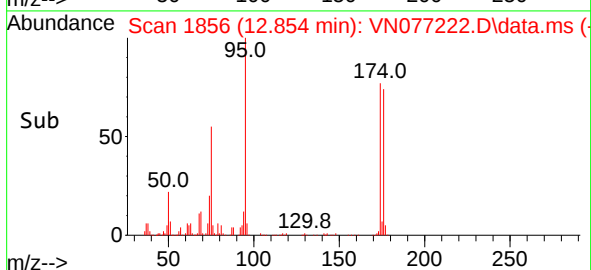
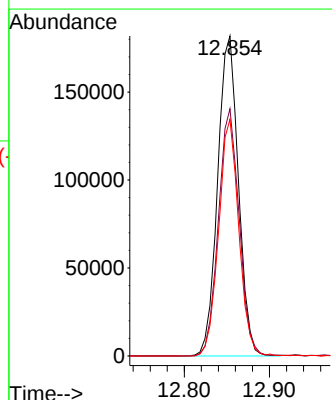
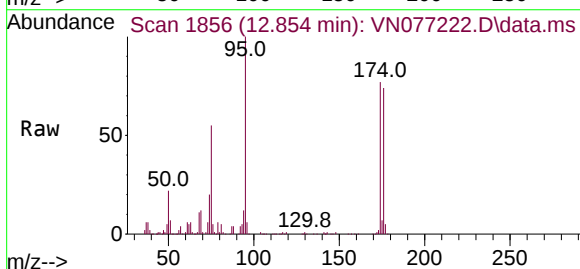
Instrument :
MSVOA_N
ClientSampleId :
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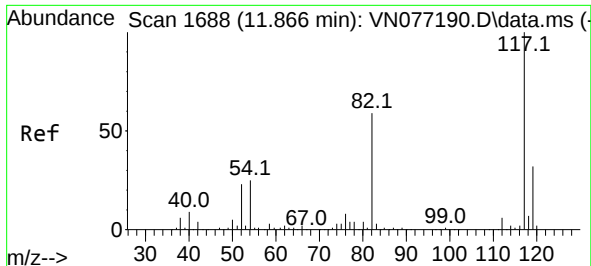
Tgt Ion: 98 Resp: 1011740
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.329 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077222.D
Acq: 27 Mar 2023 23:54

Tgt Ion: 95 Resp: 307666
Ion Ratio Lower Upper
95 100
174 77.3 0.0 162.4
176 71.6 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077222.D

Acq: 27 Mar 2023 23:54

Instrument :

MSVOA_N

ClientSampleId :

152140-TCLP-F-032223

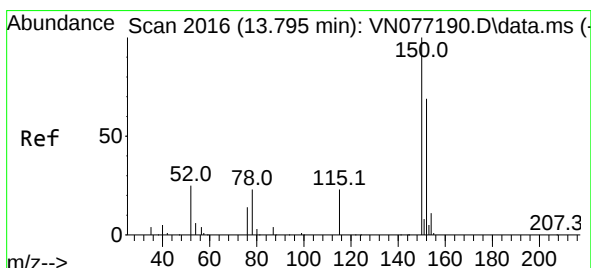
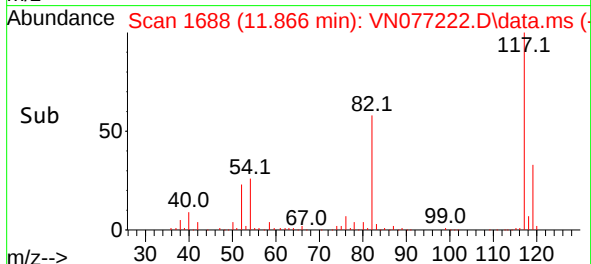
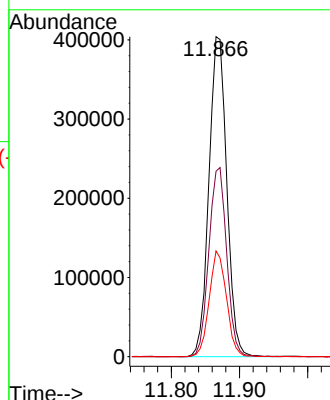
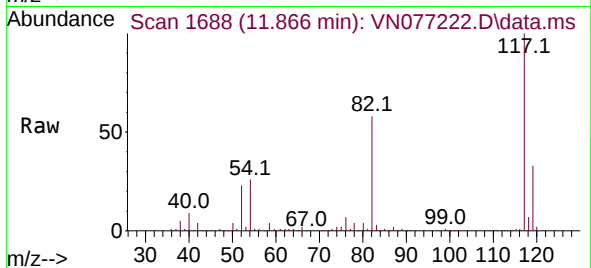
Tgt Ion:117 Resp: 735962

Ion Ratio Lower Upper

117 100

82 58.0 43.5 65.3

119 33.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077222.D

Acq: 27 Mar 2023 23:54

Tgt Ion:152 Resp: 268188

Ion Ratio Lower Upper

152 100

115 60.1 30.3 90.9

150 155.8 0.0 353.6

