

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077212.D
 Acq On : 27 Mar 2023 19:52
 Operator : JC\MD
 Sample : PB151668ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151668ZHE#03

Quant Time: Mar 28 07:43:22 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)

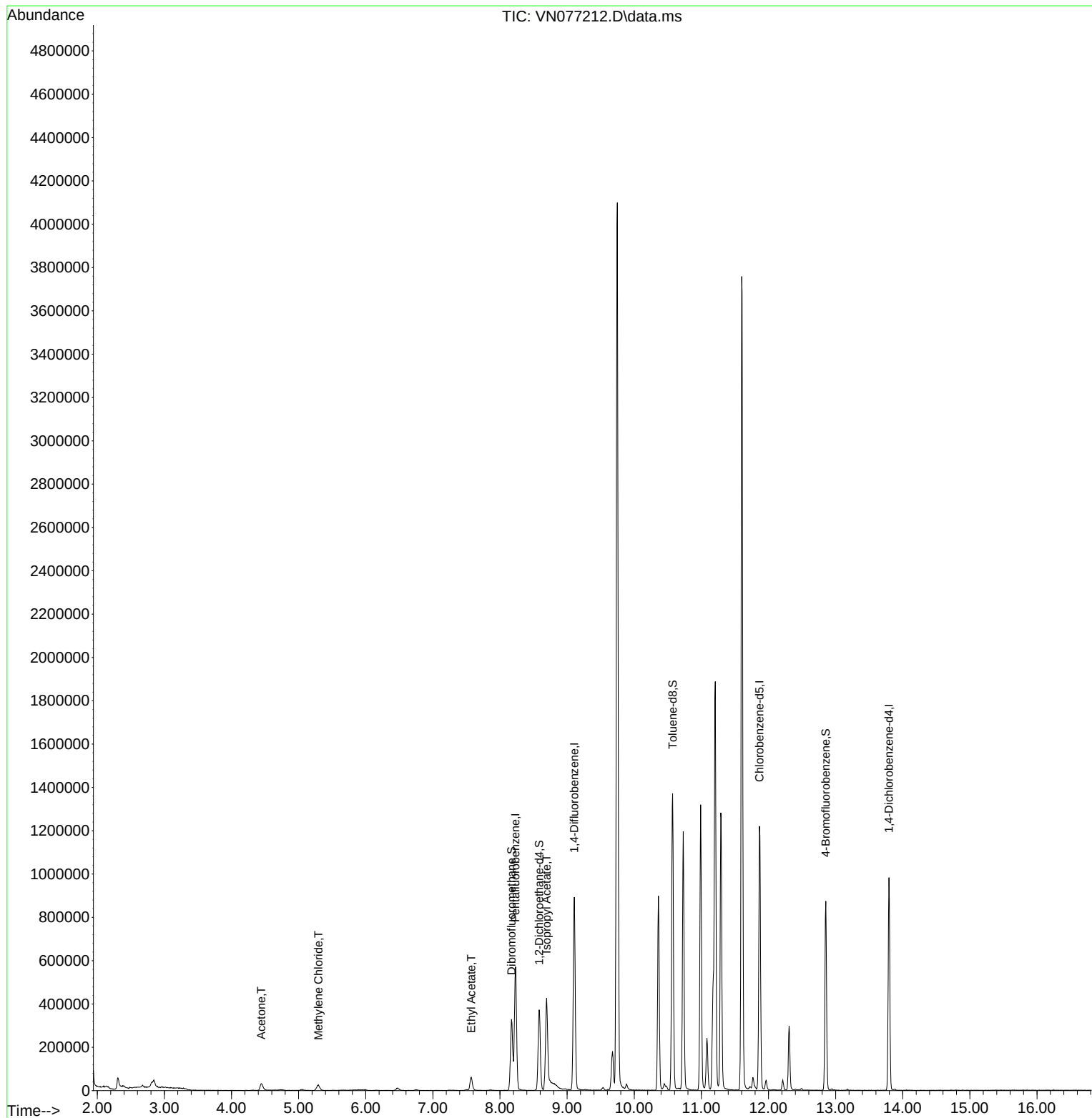
Internal Standards						
1) Pentafluorobenzene	8.230	168	402592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	723265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	674873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	249628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	309266	49.131	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.260%
35) Dibromofluoromethane	8.172	113	229144	46.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	10.572	98	924978	50.300	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.854	95	278342	46.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.240%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	62510	26.708	ug/l	96
20) Methylene Chloride	5.295	84	18310	3.513	ug/l #	75
37) Ethyl Acetate	7.572	43	98181	12.896	ug/l #	88
43) Isopropyl Acetate	8.695	43	520465	42.374	ug/l #	73

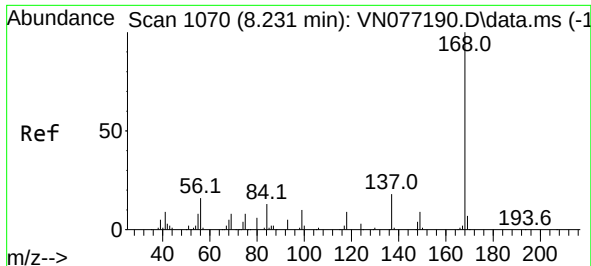
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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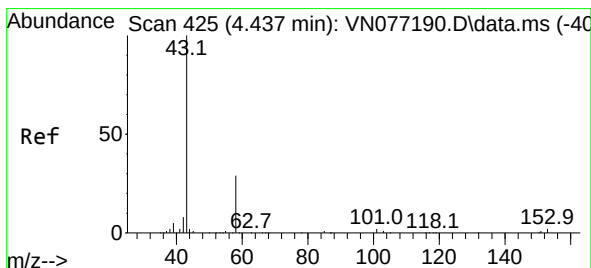
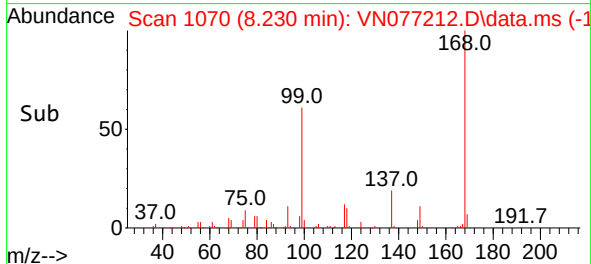
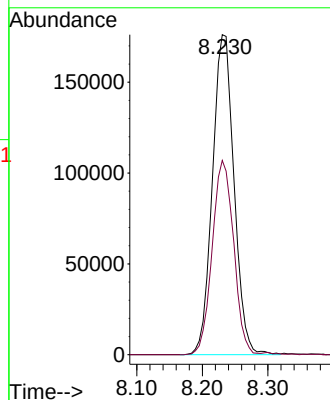
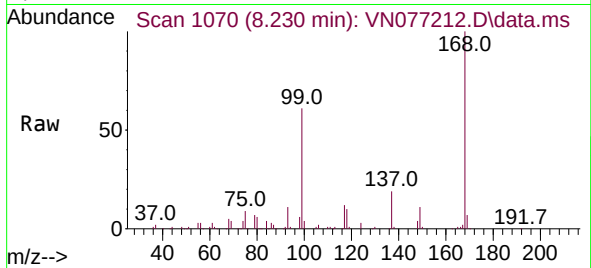




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077212.D
Acq: 27 Mar 2023 19:52

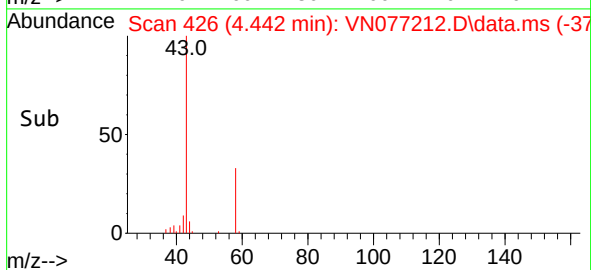
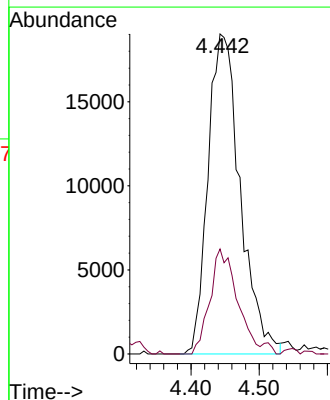
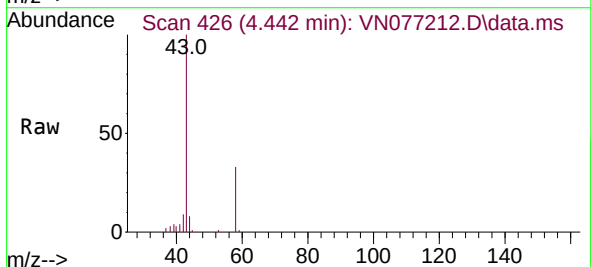
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#03

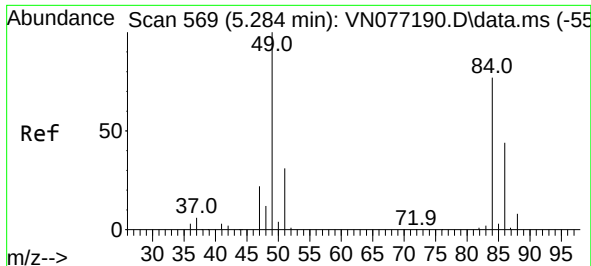
Tgt Ion:168 Resp: 402592
Ion Ratio Lower Upper
168 100
99 60.7 48.6 73.0



#16
Acetone
Concen: 26.708 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077212.D
Acq: 27 Mar 2023 19:52

Tgt Ion: 43 Resp: 62510
Ion Ratio Lower Upper
43 100
58 32.8 28.2 42.2

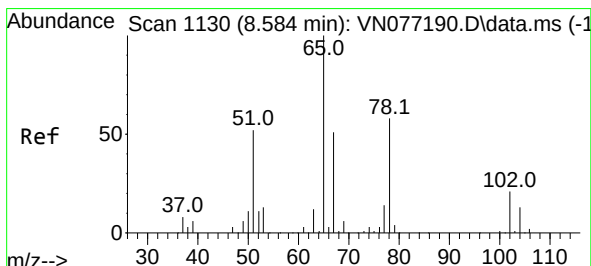
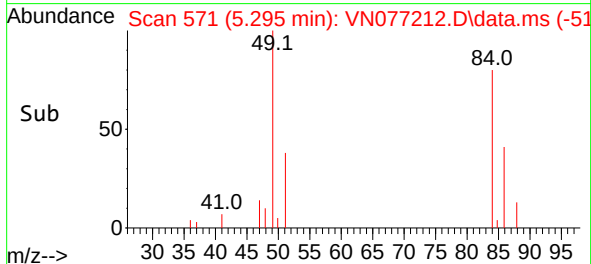
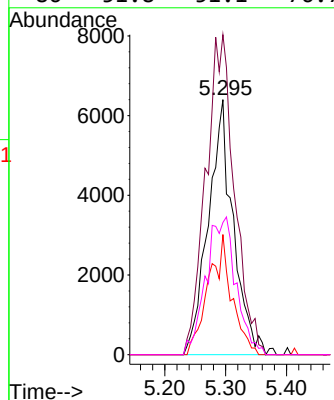
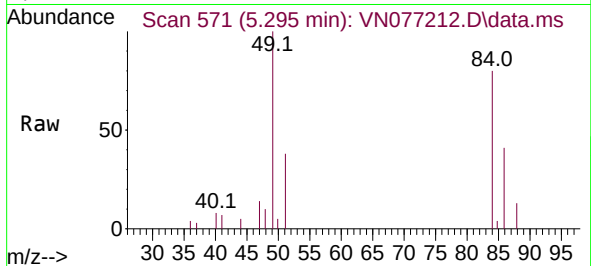




#20
Methylene Chloride
Concen: 3.513 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077212.D
Acq: 27 Mar 2023 19:52

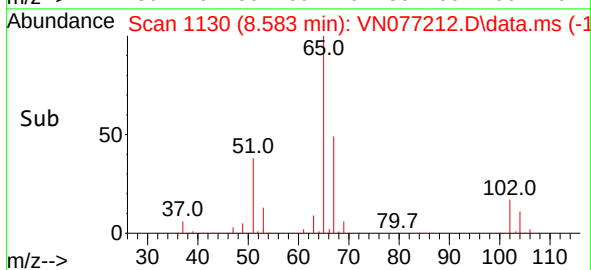
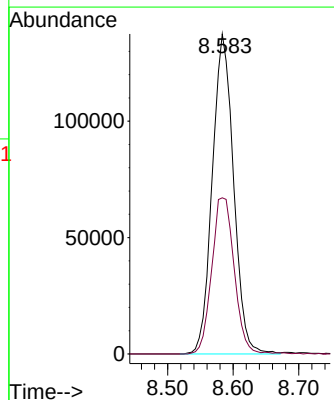
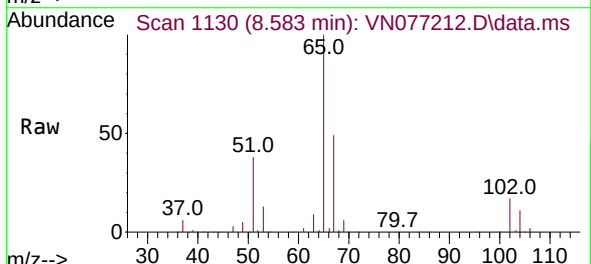
Instrument :
MSVOA_N
ClientSampleId :
PB151668ZHE#03

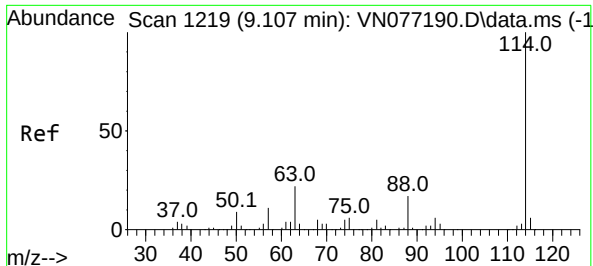
Tgt Ion: 84	Resp: 18310
Ion Ratio	Lower Upper
84 100	
49 125.5	76.6 114.8#
51 47.1	25.4 38.2#
86 51.8	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.131 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077212.D
Acq: 27 Mar 2023 19:52

Tgt Ion: 65	Resp: 309266
Ion Ratio	Lower Upper
65 100	
67 51.8	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: VN077212.D

Acq: 27 Mar 2023 19:52

Instrument :

MSVOA_N

ClientSampleId :

PB151668ZHE#03

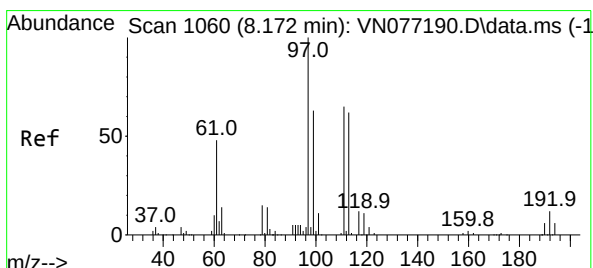
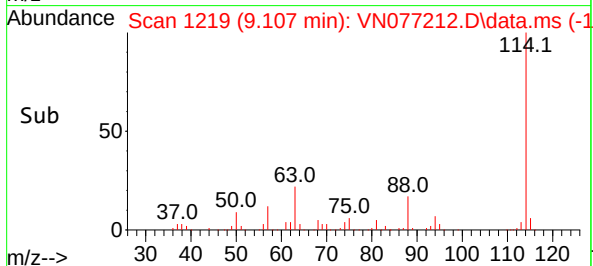
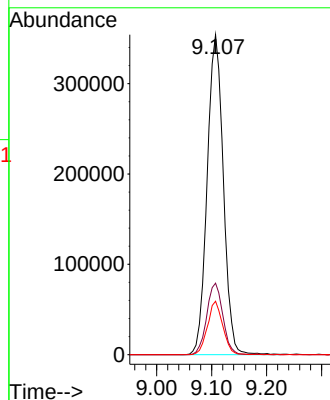
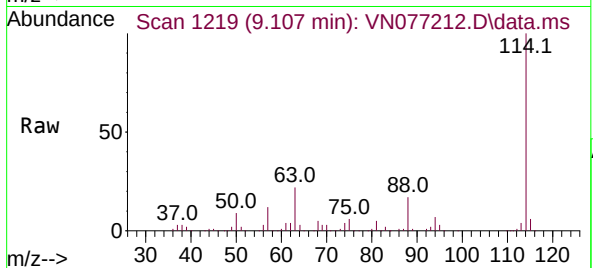
Tgt Ion:114 Resp: 723265

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.6

88 16.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 46.691 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077212.D

Acq: 27 Mar 2023 19:52

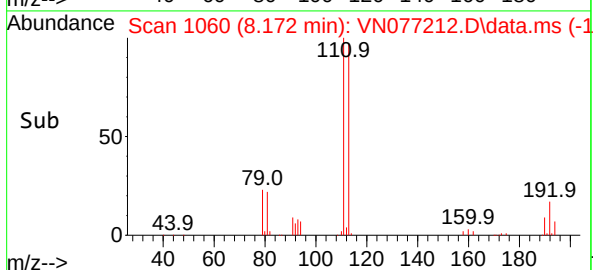
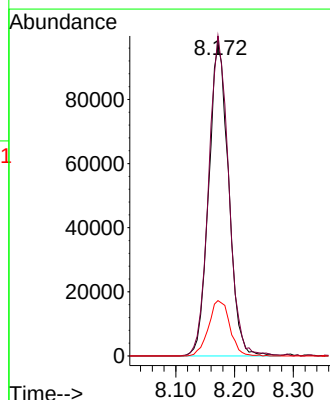
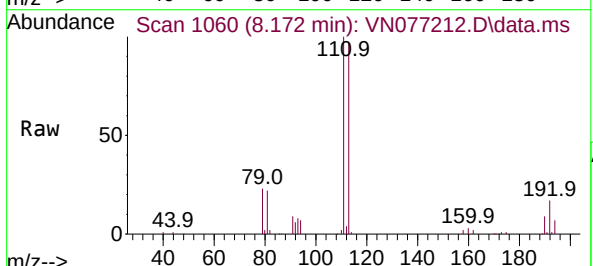
Tgt Ion:113 Resp: 229144

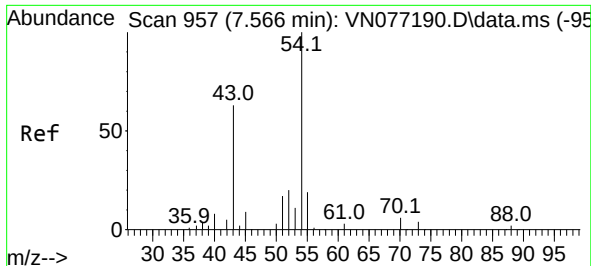
Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

192 19.0 13.9 20.9

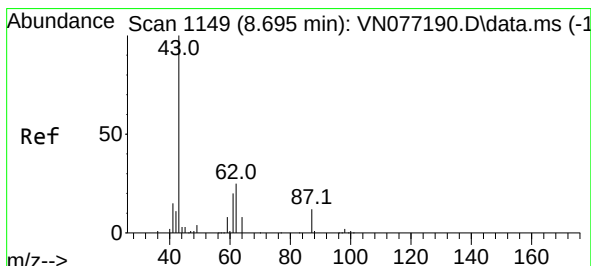
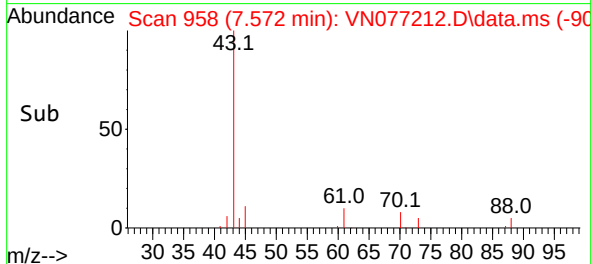
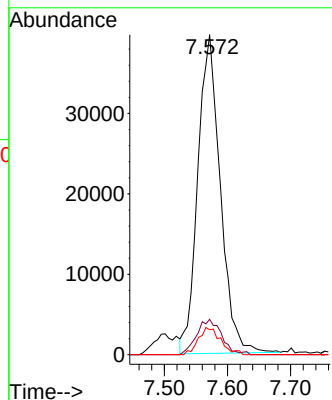
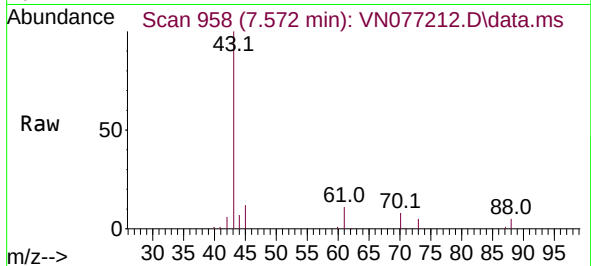




#37
Ethyl Acetate
Concen: 12.896 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077212.D
Acq: 27 Mar 2023 19:52

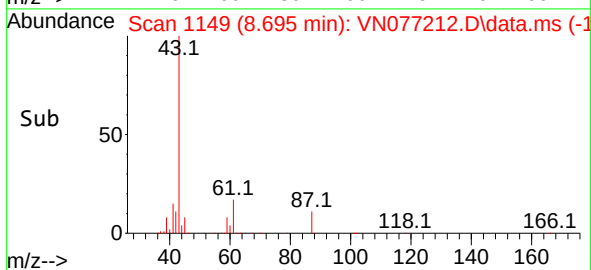
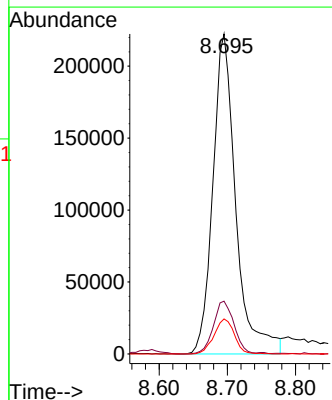
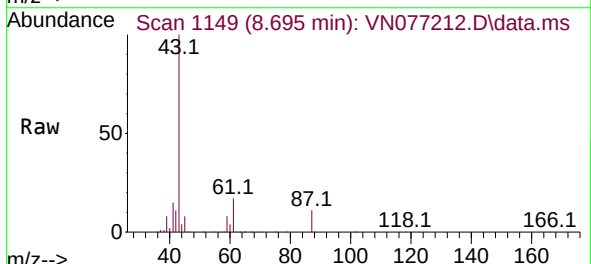
Instrument :
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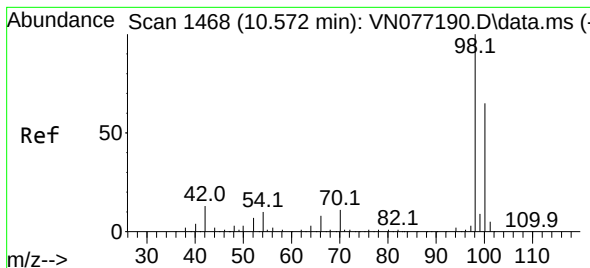
Tgt Ion: 43 Resp: 98181
Ion Ratio Lower Upper
43 100
61 12.3 13.5 20.3#
70 8.4 11.0 16.6#



#43
Isopropyl Acetate
Concen: 42.374 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077212.D
Acq: 27 Mar 2023 19:52

Tgt Ion: 43 Resp: 520465
Ion Ratio Lower Upper
43 100
61 14.9 26.2 39.2#
87 9.7 14.8 22.2#





#50

Toluene-d8

Concen: 50.300 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077212.D

Acq: 27 Mar 2023 19:52

Instrument :

MSVOA_N

ClientSampleId :

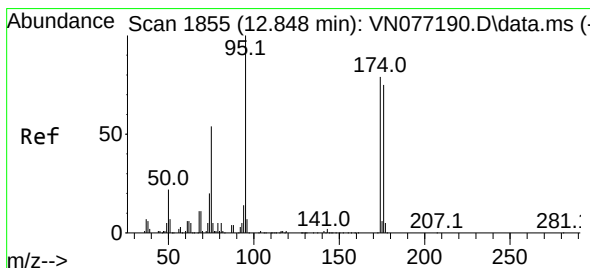
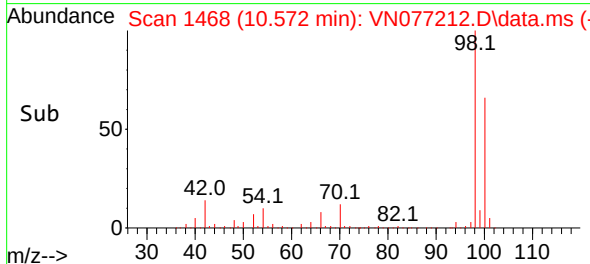
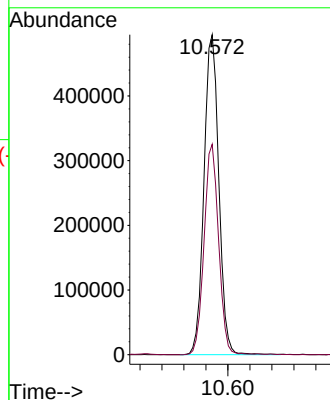
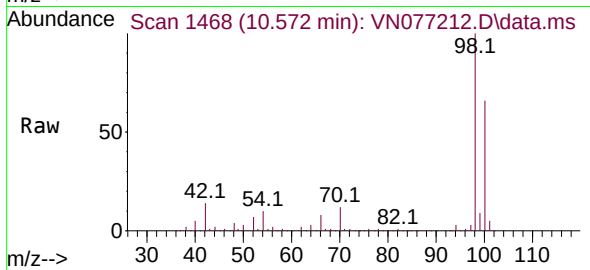
PB151668ZHE#03

Tgt Ion: 98 Resp: 924978

Ion Ratio Lower Upper

98 100

100 64.5 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 46.119 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077212.D

Acq: 27 Mar 2023 19:52

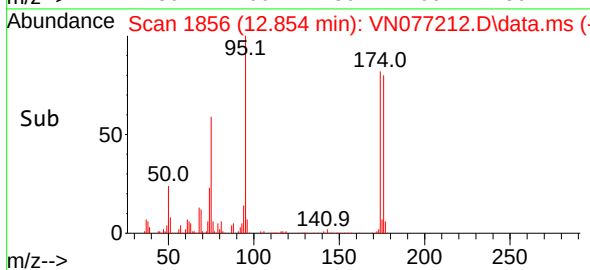
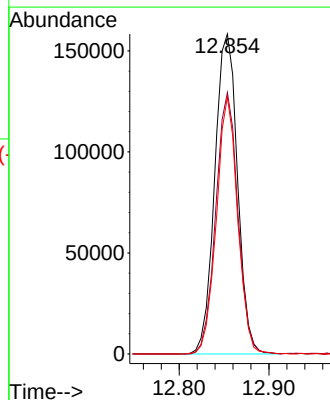
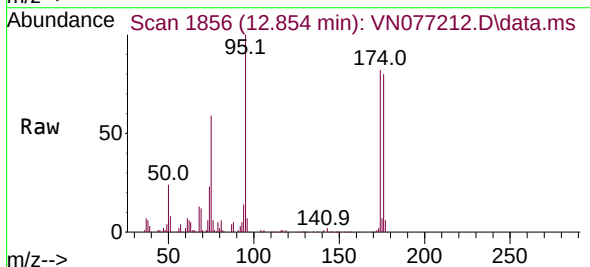
Tgt Ion: 95 Resp: 278342

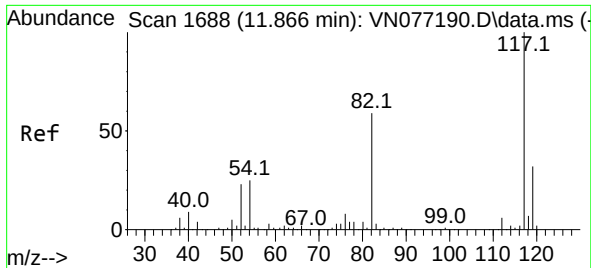
Ion Ratio Lower Upper

95 100

174 79.3 0.0 162.4

176 75.0 0.0 157.4

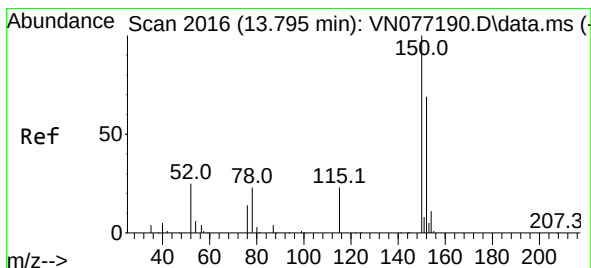
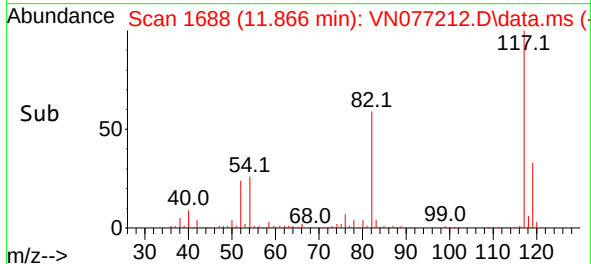
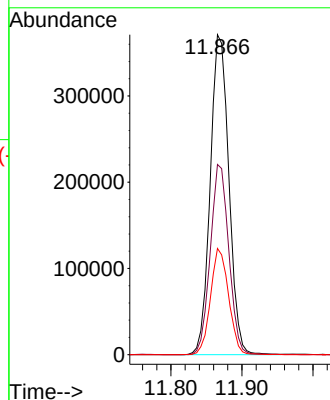
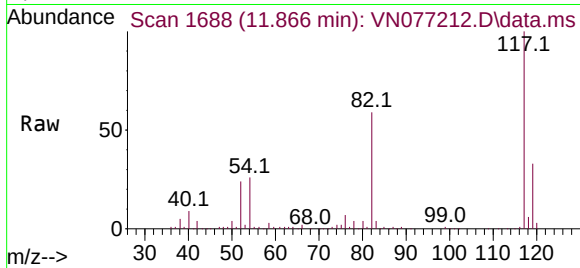




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077212.D
Acq: 27 Mar 2023 19:52

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PB151668ZHE#03

Tgt Ion:117 Resp: 674873
Ion Ratio Lower Upper
117 100
82 59.5 43.5 65.3
119 33.2 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: VN077212.D
Acq: 27 Mar 2023 19:52

Tgt Ion:152 Resp: 249628
Ion Ratio Lower Upper
152 100
115 60.7 30.3 90.9
150 155.9 0.0 353.6

