

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077236.D
 Acq On : 28 Mar 2023 14:53
 Operator : JC\MD
 Sample : PB151736TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151736TB

Quant Time: Mar 29 01:14:39 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)

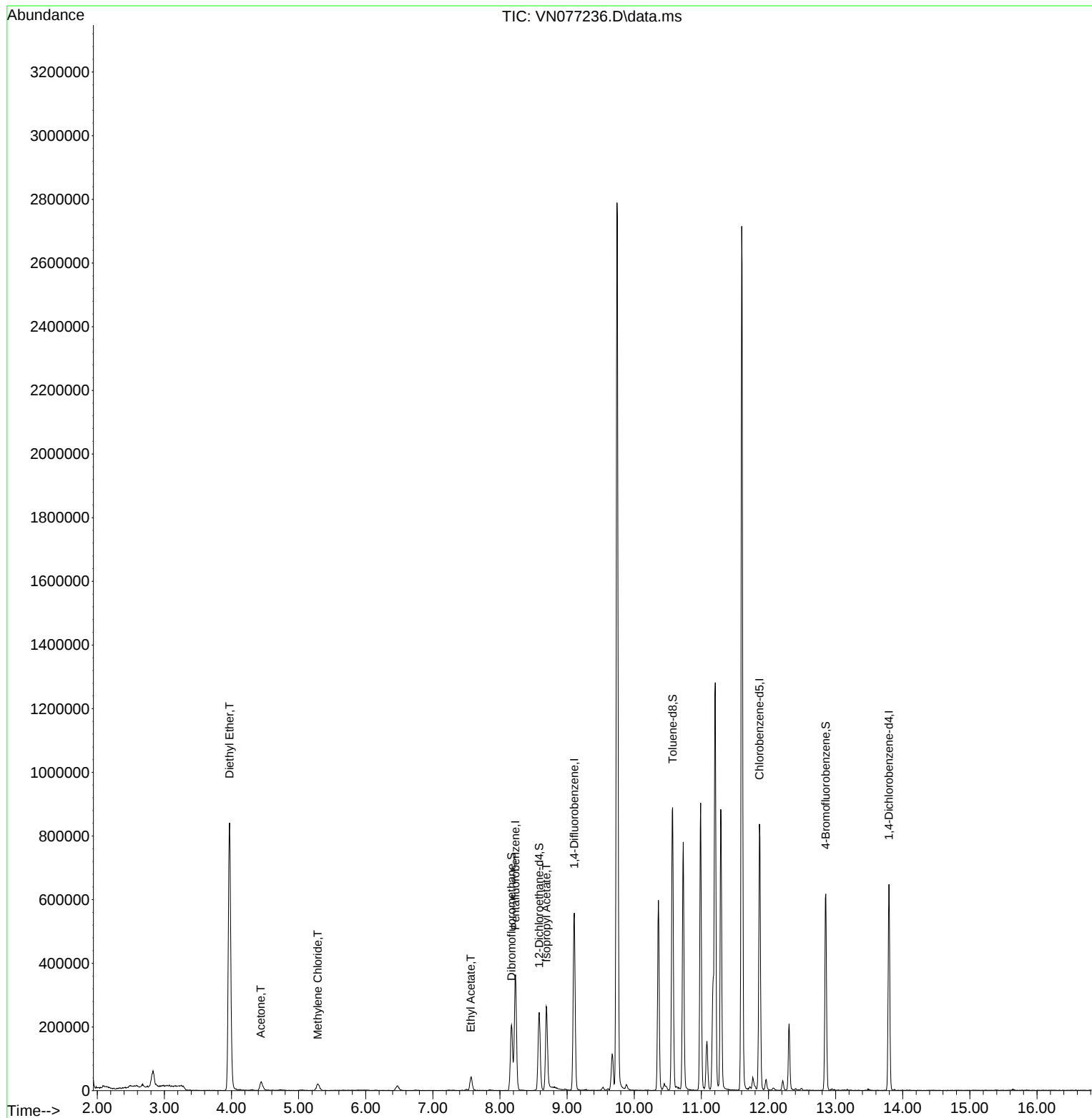
Internal Standards						
1) Pentafluorobenzene	8.230	168	252728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	446876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	432816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	156320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194386	49.193	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.172	113	140352	46.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	10.572	98	577657	50.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.854	95	184769	49.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.100%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	487991	231.451	ug/l	62
16) Acetone	4.437	43	52936	36.029	ug/l #	85
20) Methylene Chloride	5.284	84	14940	4.566	ug/l #	64
37) Ethyl Acetate	7.566	43	65078	13.834	ug/l #	84
43) Isopropyl Acetate	8.689	43	301096	39.675	ug/l #	75

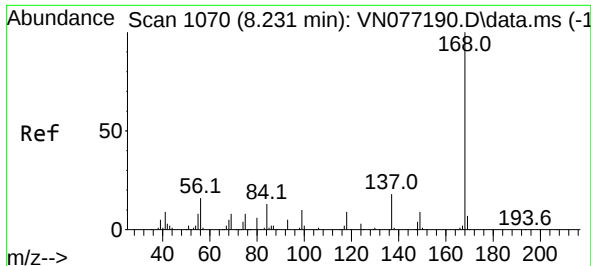
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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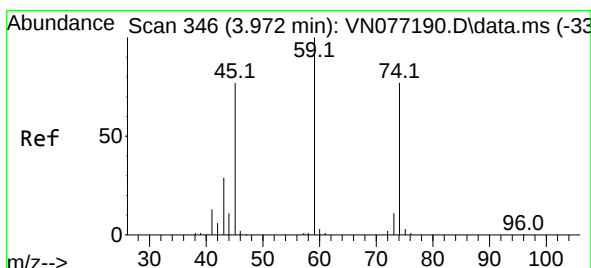
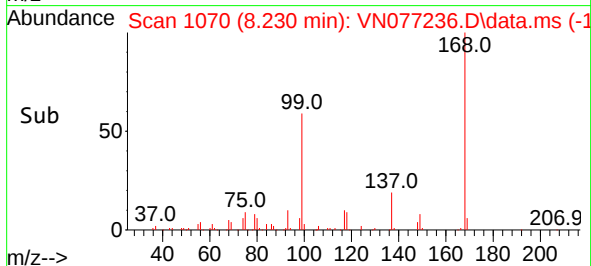
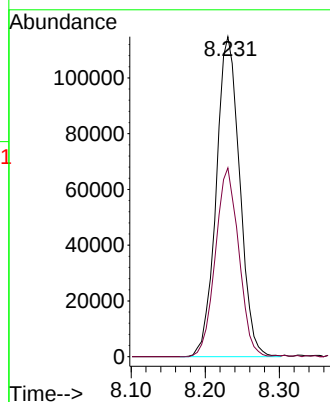
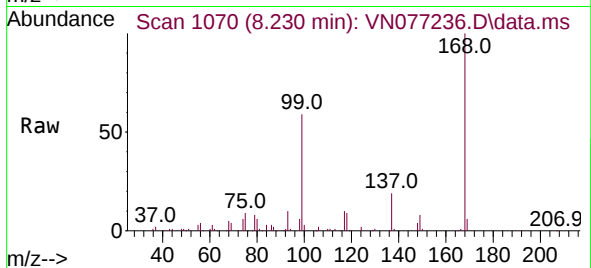




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

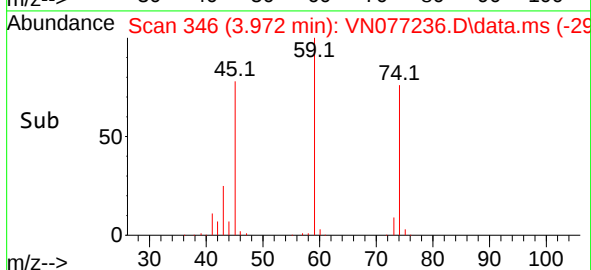
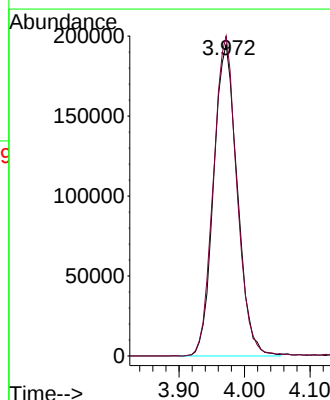
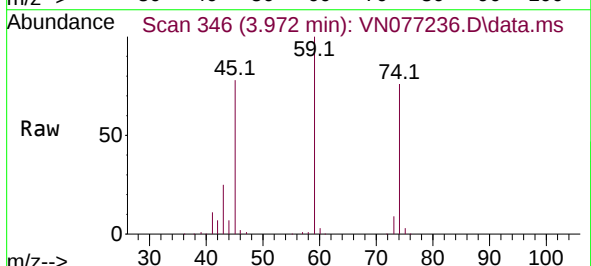
Instrument :
MSVOA_N
ClientSampleId :
PB151736TB

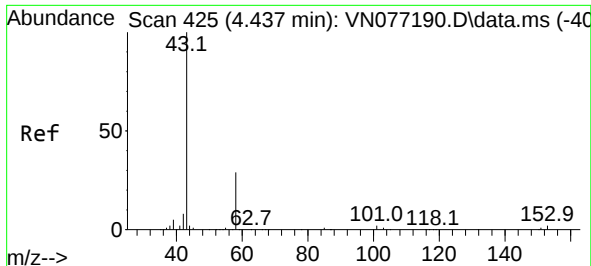
Tgt Ion:168 Resp: 252728
Ion Ratio Lower Upper
168 100
99 59.0 48.6 73.0



#8
Diethyl Ether
Concen: 231.451 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

Tgt Ion: 74 Resp: 487991
Ion Ratio Lower Upper
74 100
45 102.2 35.5 106.5

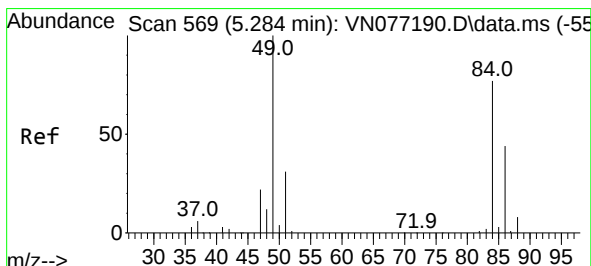
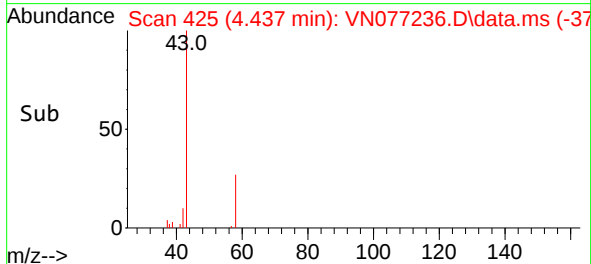
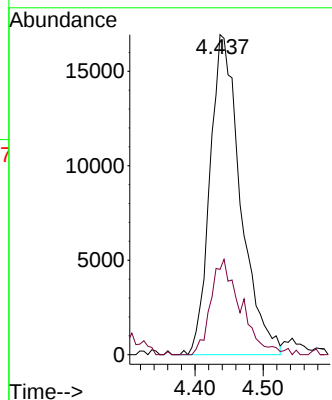
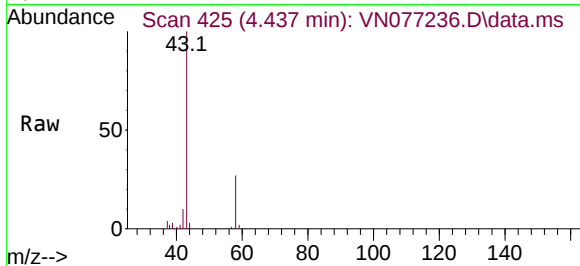




#16
Acetone
Concen: 36.029 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

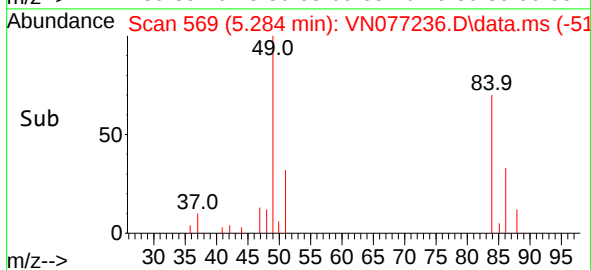
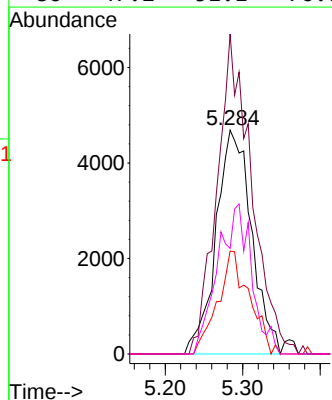
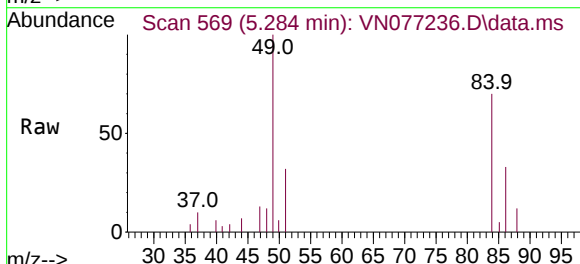
Instrument :
MSVOA_N
ClientSampleId :
PB151736TB

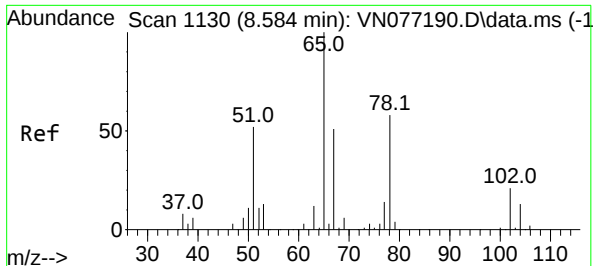
Tgt Ion: 43 Resp: 52936
Ion Ratio Lower Upper
43 100
58 26.7 28.2 42.2#



#20
Methylene Chloride
Concen: 4.566 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.000 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

Tgt Ion: 84 Resp: 14940
Ion Ratio Lower Upper
84 100
49 143.0 76.6 114.8#
51 46.0 25.4 38.2#
86 47.2 51.1 76.7#





#33

1,2-Dichloroethane-d4

Concen: 49.193 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077236.D

Acq: 28 Mar 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

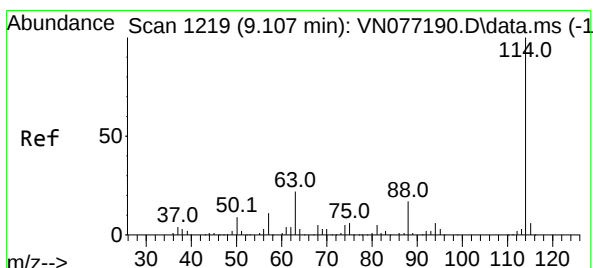
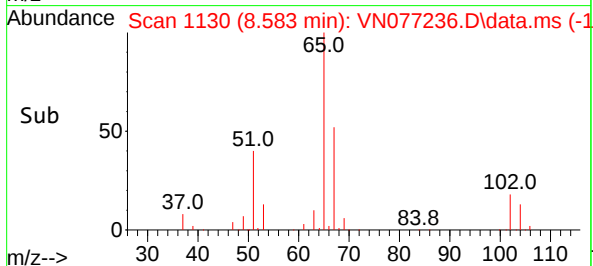
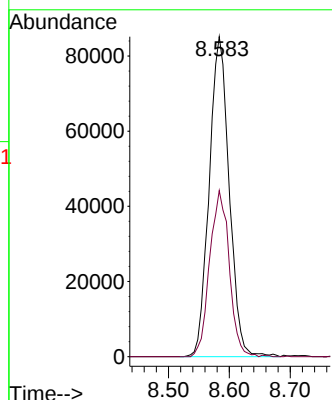
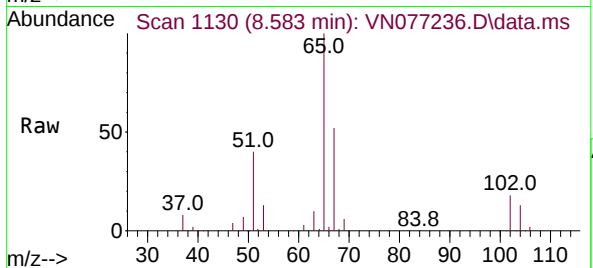
PB151736TB

Tgt Ion: 65 Resp: 194386

Ion Ratio Lower Upper

65 100

67 50.7 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: VN077236.D

Acq: 28 Mar 2023 14:53

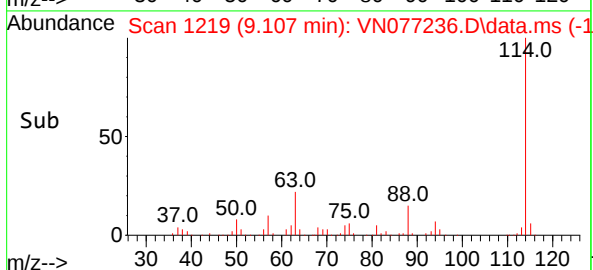
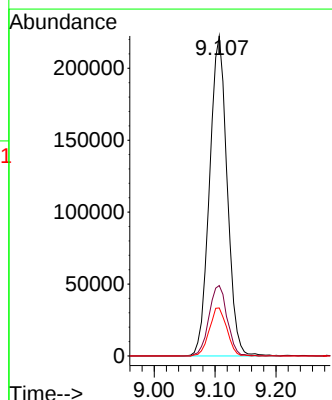
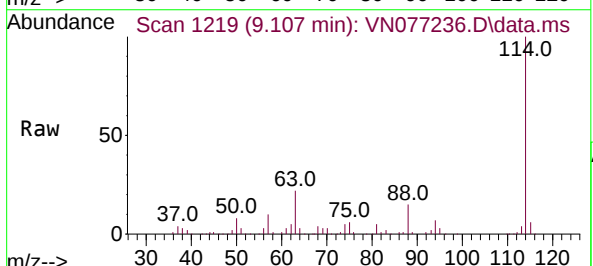
Tgt Ion: 114 Resp: 446876

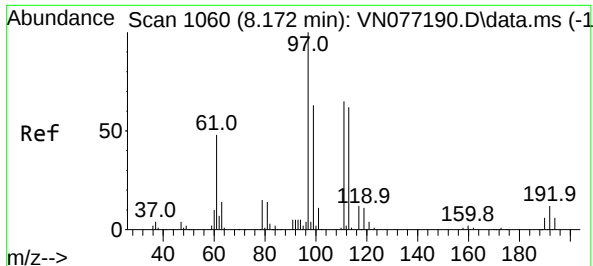
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.6

88 15.0 0.0 28.6

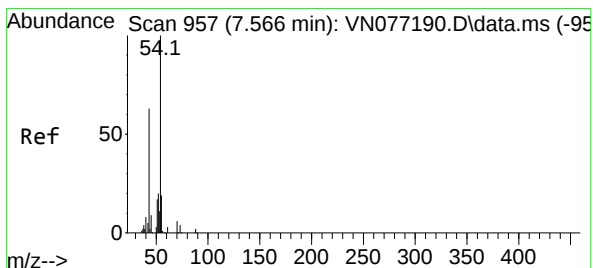
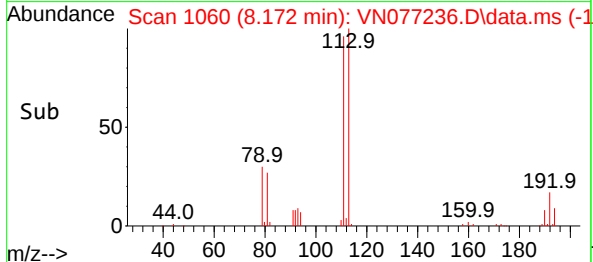
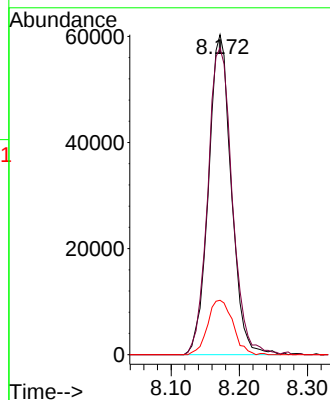
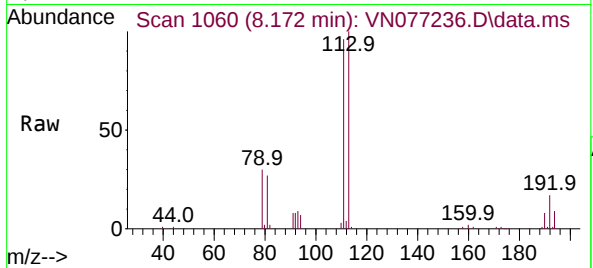




#35
Dibromofluoromethane
Concen: 46.286 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

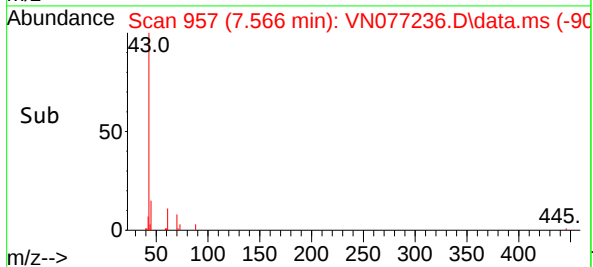
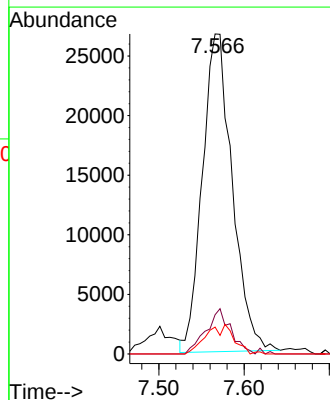
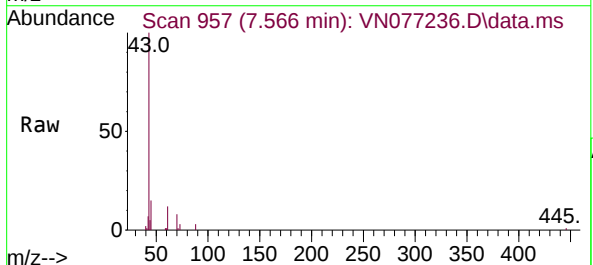
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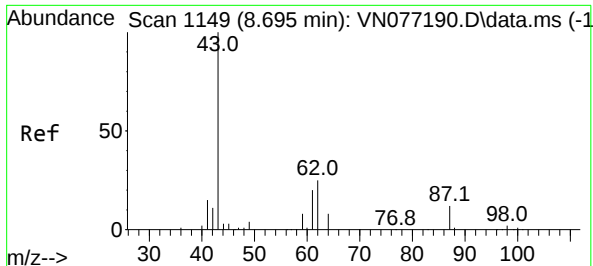
Tgt Ion:113 Resp: 140352
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 18.9 13.9 20.9



#37
Ethyl Acetate
Concen: 13.834 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

Tgt Ion: 43 Resp: 65078
Ion Ratio Lower Upper
43 100
61 11.8 13.5 20.3#
70 4.9 11.0 16.6#

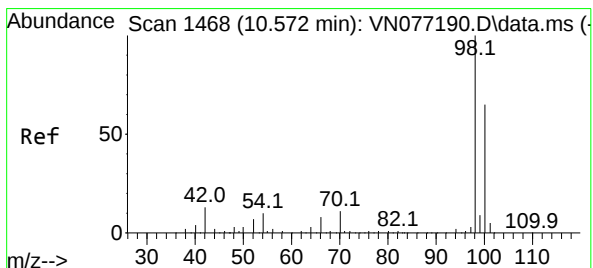
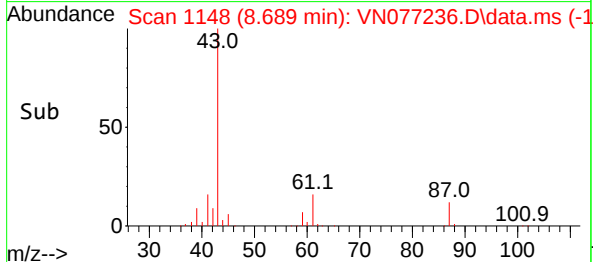
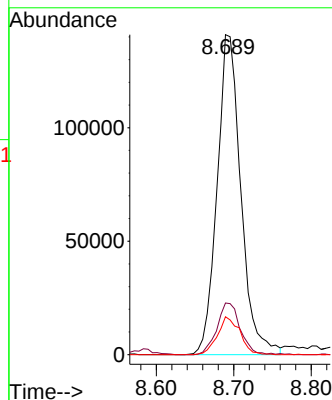
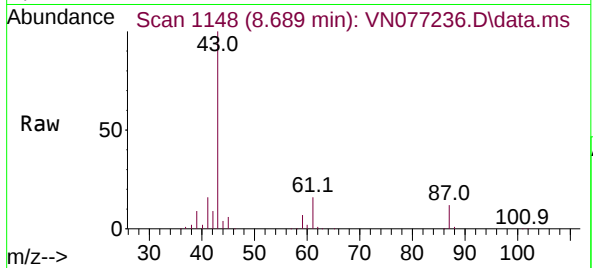




#43
Isopropyl Acetate
Concen: 39.675 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

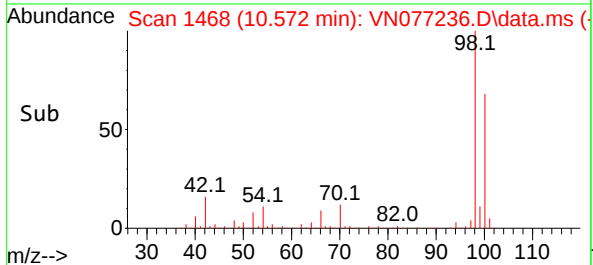
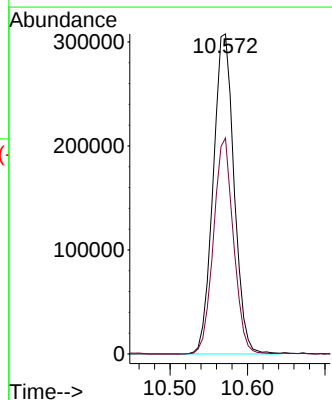
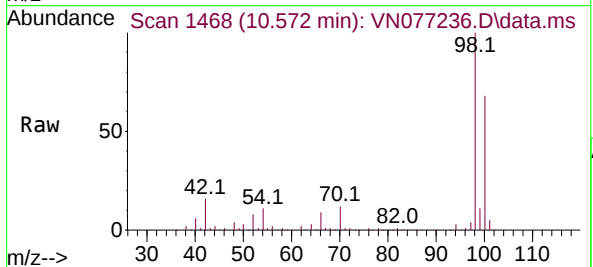
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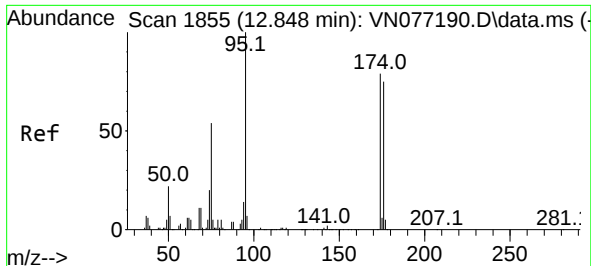
Tgt Ion: 43 Resp: 301096
Ion Ratio Lower Upper
43 100
61 16.0 26.2 39.2#
87 11.2 14.8 22.2#



#50
Toluene-d8
Concen: 50.841 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

Tgt Ion: 98 Resp: 577657
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

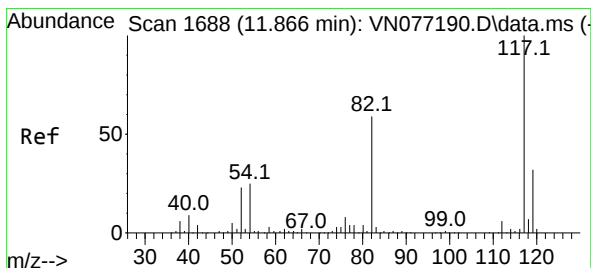
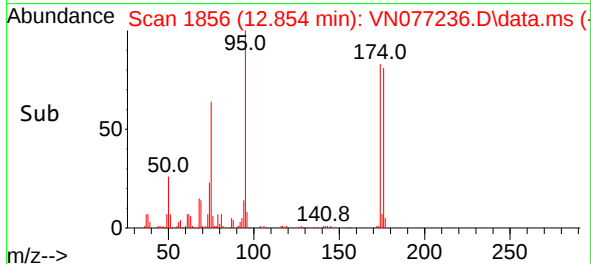
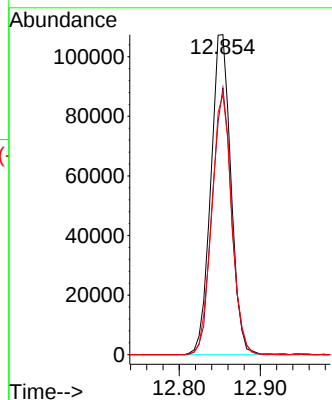
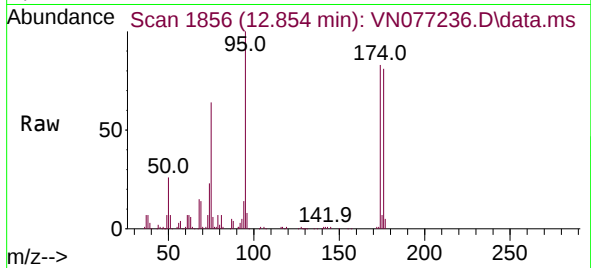




#62
4-Bromofluorobenzene
Concen: 49.550 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

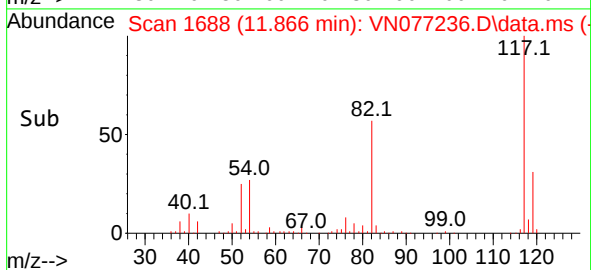
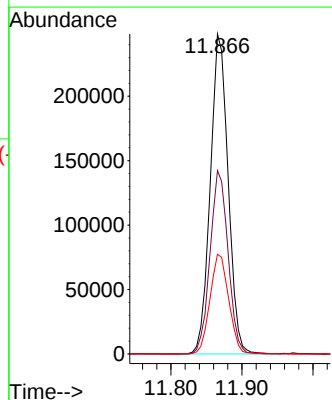
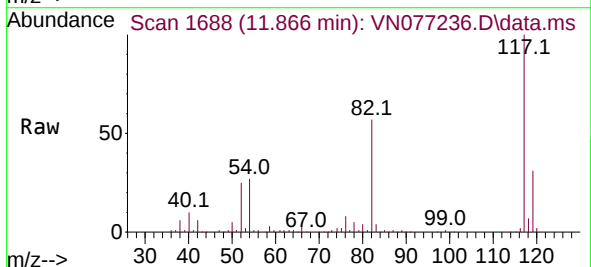
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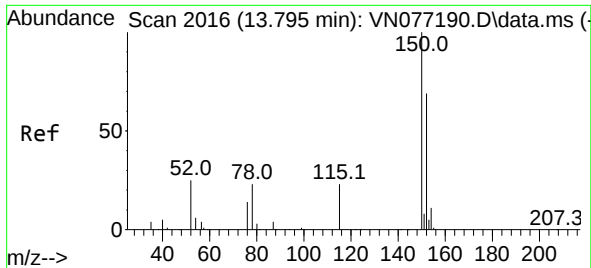
Tgt Ion: 95 Resp: 184769
Ion Ratio Lower Upper
95 100
174 80.2 0.0 162.4
176 80.9 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077236.D
Acq: 28 Mar 2023 14:53

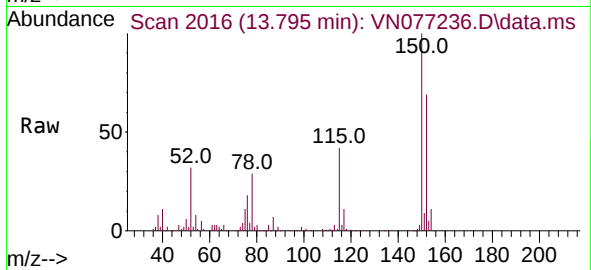
Tgt Ion: 117 Resp: 432816
Ion Ratio Lower Upper
117 100
82 57.3 43.5 65.3
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077236.D
 Acq: 28 Mar 2023 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151736TB



Tgt Ion:152 Resp: 156320
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.3 90.9
 150 153.2 0.0 353.6

