

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077562.D
 Acq On : 03 May 2023 14:56
 Operator : JC\MD
 Sample : PB152533ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#07

Quant Time: May 04 04:47:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

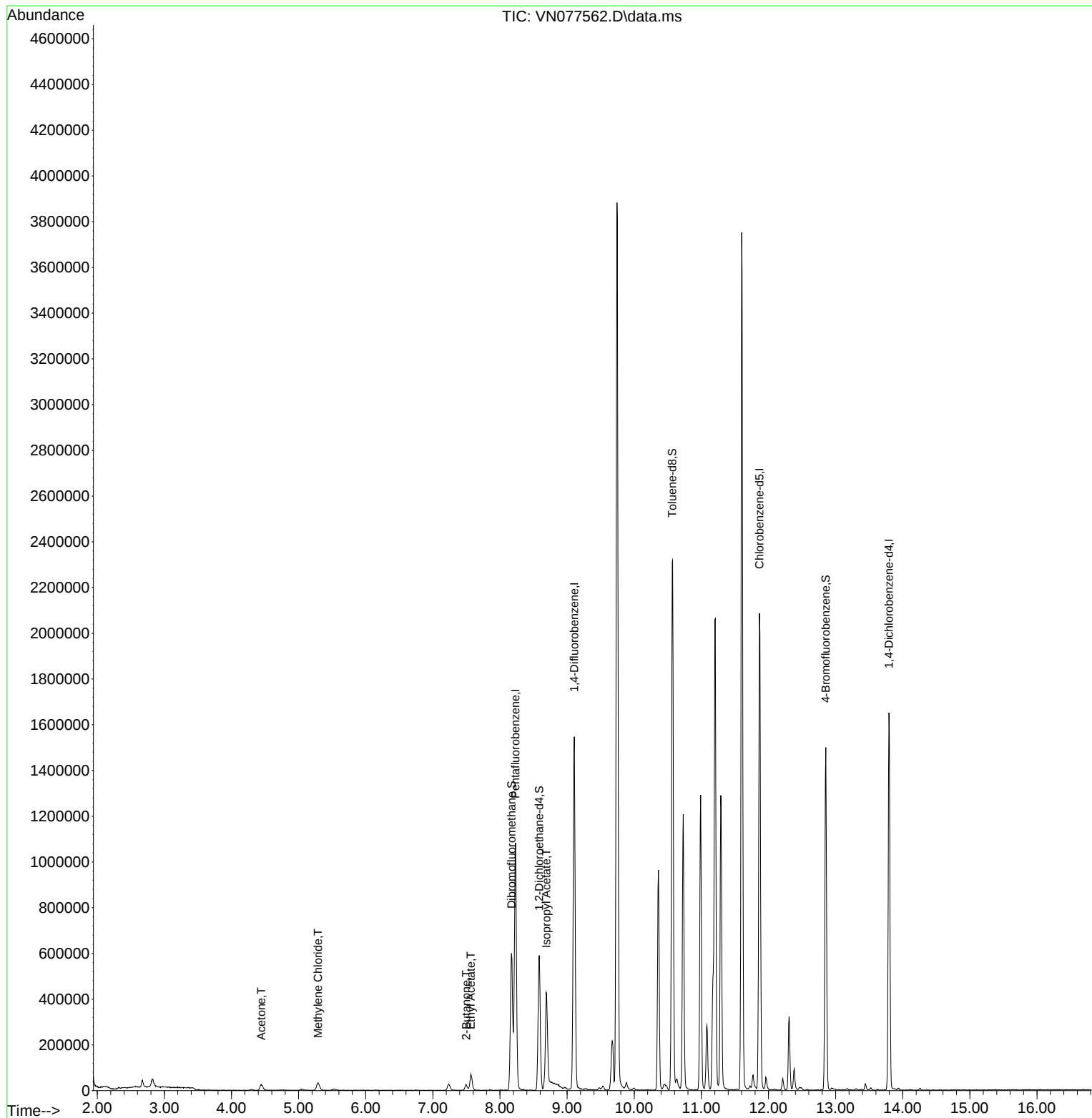
Internal Standards						
1) Pentafluorobenzene	8.231	168	736744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1418415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1311883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	455233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	488701	50.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.660%			
35) Dibromofluoromethane	8.172	113	433188	50.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	10.566	98	1738628	53.212	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.420%			
62) 4-Bromofluorobenzene	12.854	95	548626	51.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.640%			
Target Compounds						Qvalue
16) Acetone	4.443	43	47538	15.543	ug/l	94
20) Methylene Chloride	5.290	84	27838	2.870	ug/l #	90
25) 2-Butanone	7.495	43	35237	8.123	ug/l	96
37) Ethyl Acetate	7.566	43	95167	10.168	ug/l	97
43) Isopropyl Acetate	8.689	43	507758	31.360	ug/l #	86

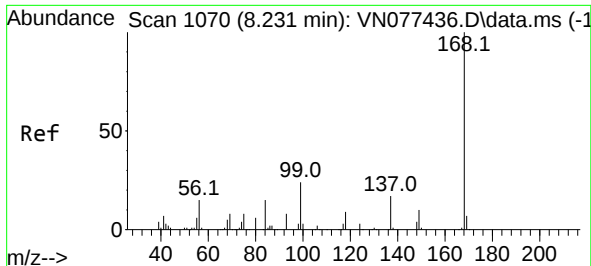
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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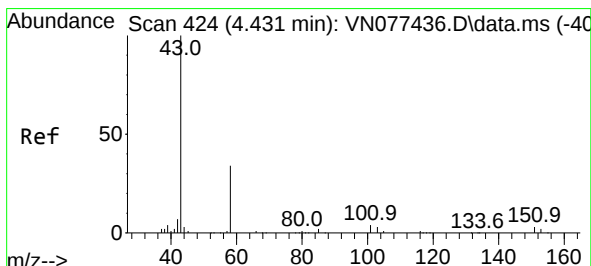
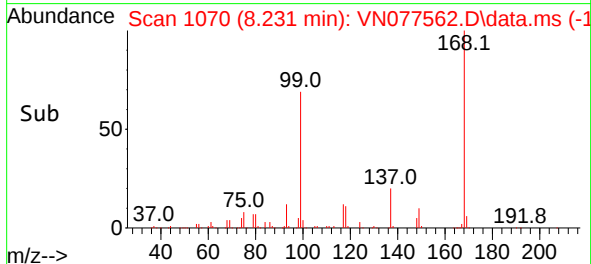
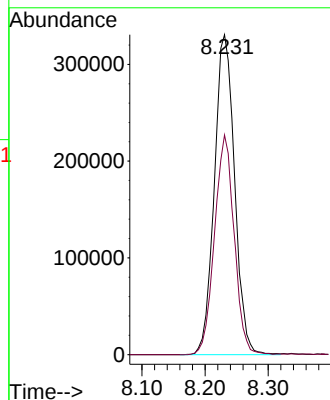
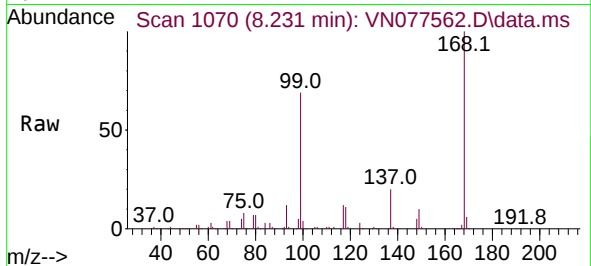




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56

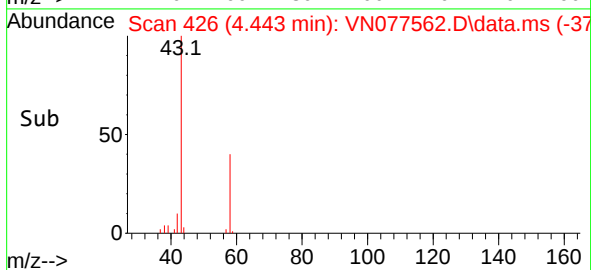
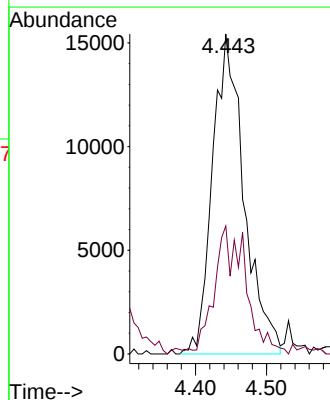
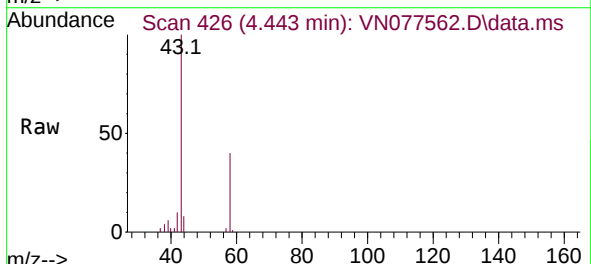
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#07

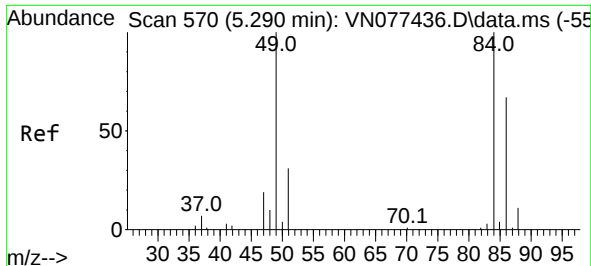
Tgt Ion:168 Resp: 736744
Ion Ratio Lower Upper
168 100
99 68.7 53.0 79.6



#16
Acetone
Concen: 15.543 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56

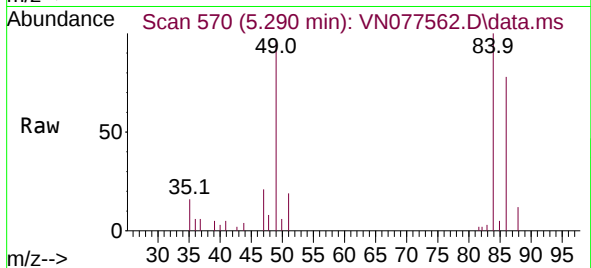
Tgt Ion: 43 Resp: 47538
Ion Ratio Lower Upper
43 100
58 38.6 28.0 42.0



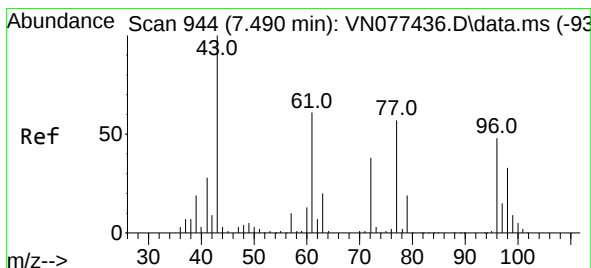
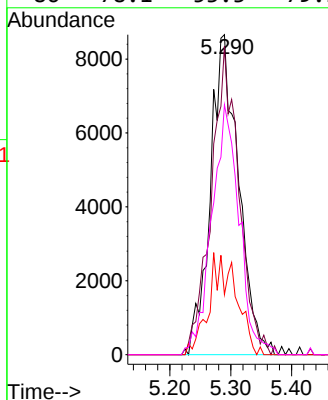
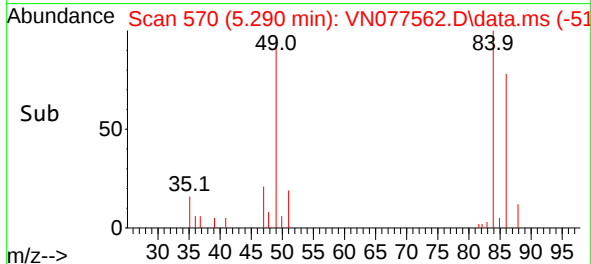


#20
Methylene Chloride
Concen: 2.870 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56

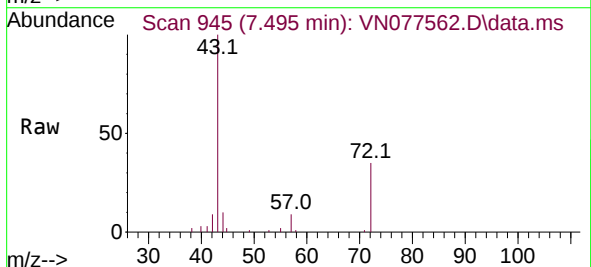
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#07



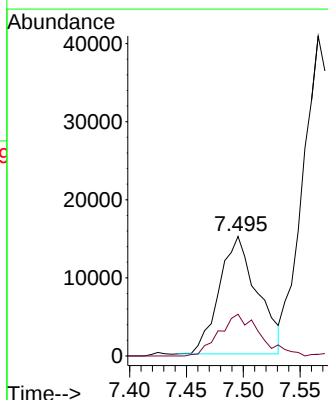
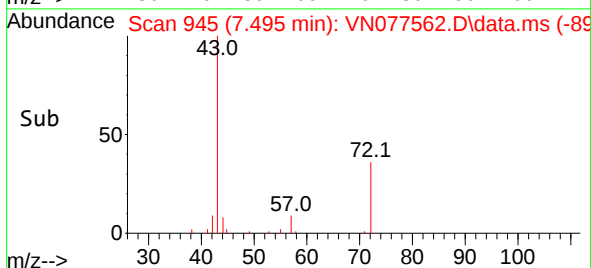
Tgt Ion:	84	Resp:	27838
Ion	Ratio	Lower	Upper
84	100		
49	96.4	79.7	119.5
51	18.8	25.2	37.8#
86	78.1	53.3	79.9

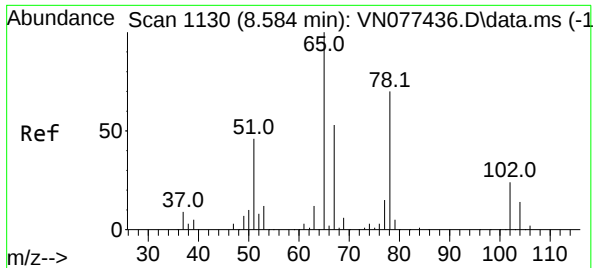


#25
2-Butanone
Concen: 8.123 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56



Tgt Ion:	43	Resp:	35237
Ion	Ratio	Lower	Upper
43	100		
72	35.5	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 50.834 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077562.D

Acq: 03 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

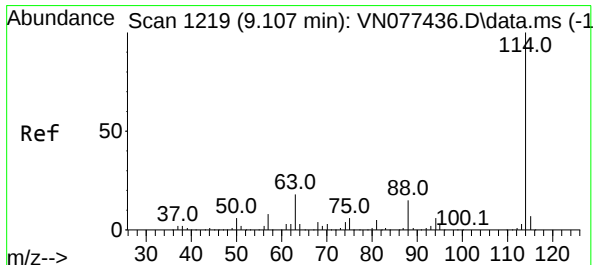
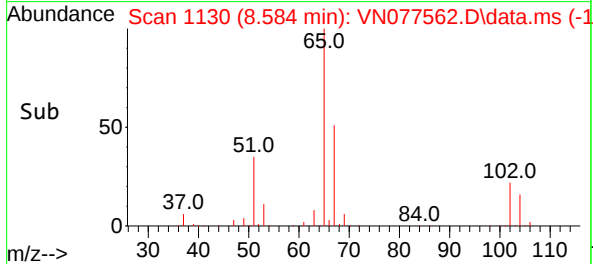
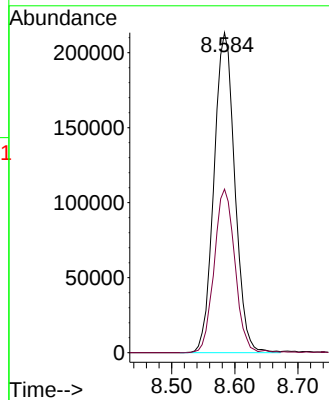
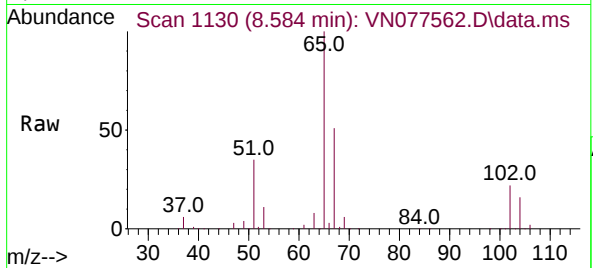
PB152533ZHE#07

Tgt Ion: 65 Resp: 488701

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077562.D

Acq: 03 May 2023 14:56

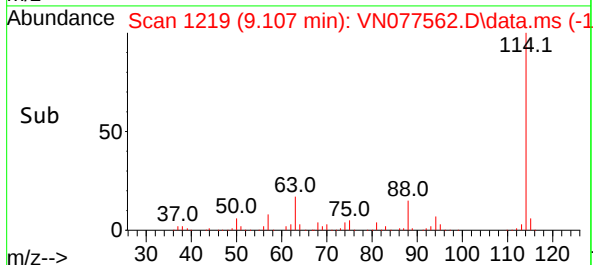
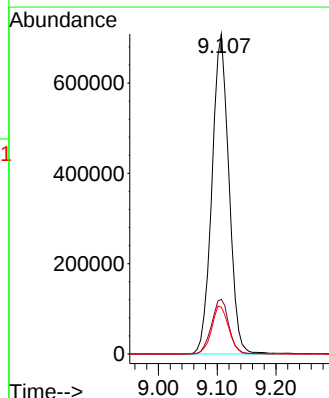
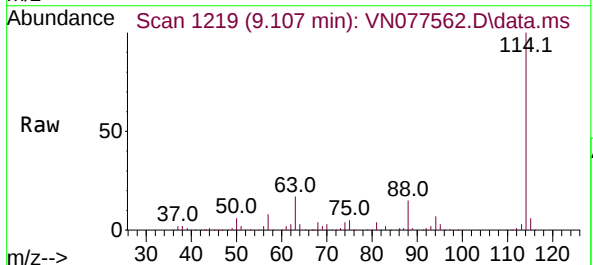
Tgt Ion: 114 Resp: 1418415

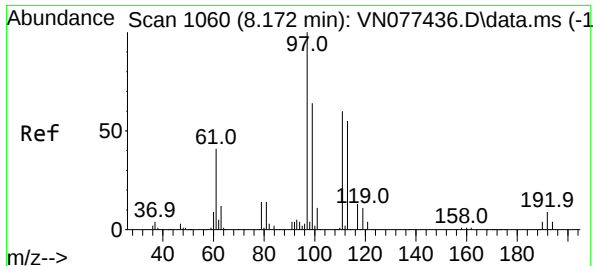
Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.812 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077562.D

Acq: 03 May 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#07

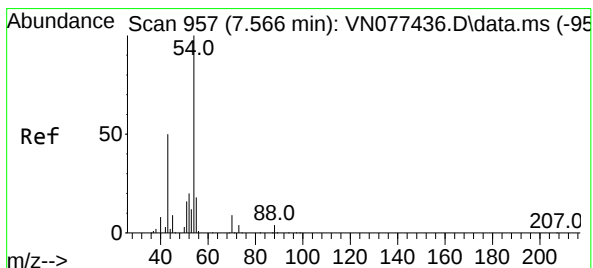
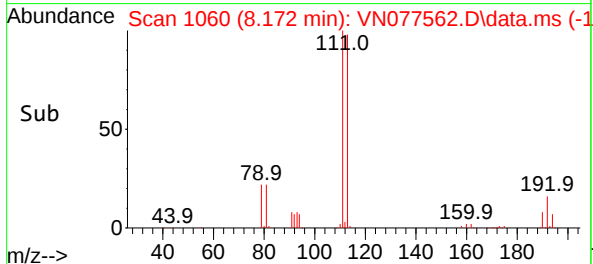
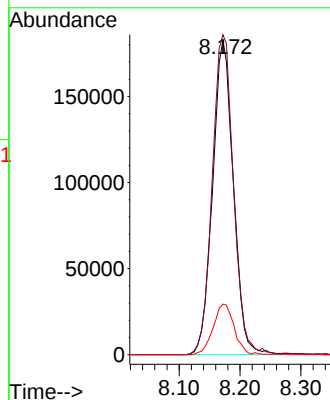
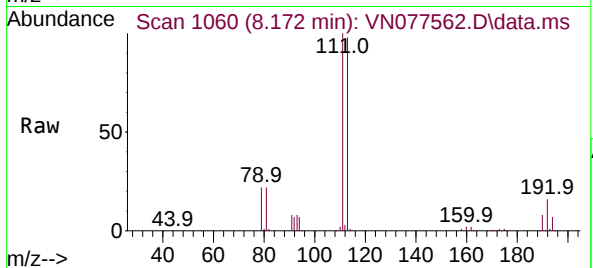
Tgt Ion:113 Resp: 433188

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 16.1 12.7 19.1



#37

Ethyl Acetate

Concen: 10.168 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077562.D

Acq: 03 May 2023 14:56

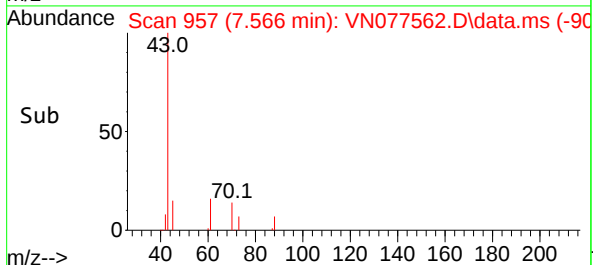
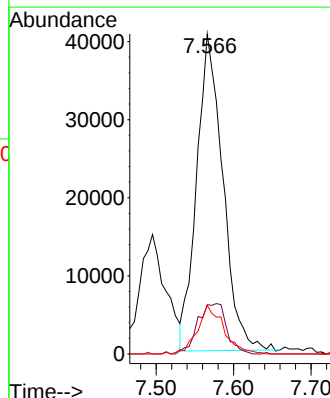
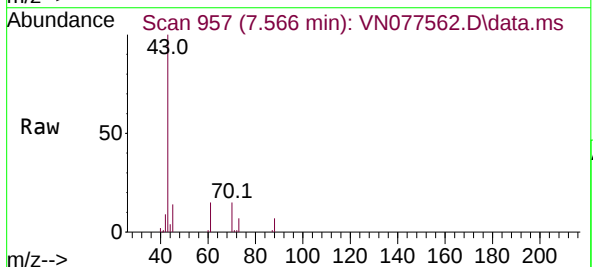
Tgt Ion: 43 Resp: 95167

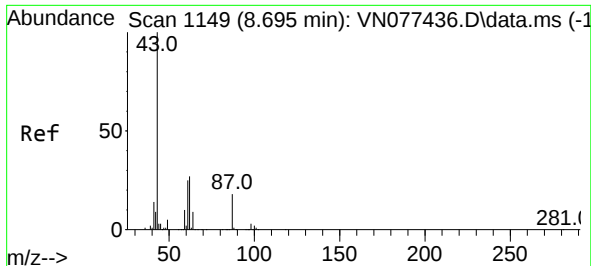
Ion Ratio Lower Upper

43 100

61 17.6 13.2 19.8

70 15.5 11.3 16.9

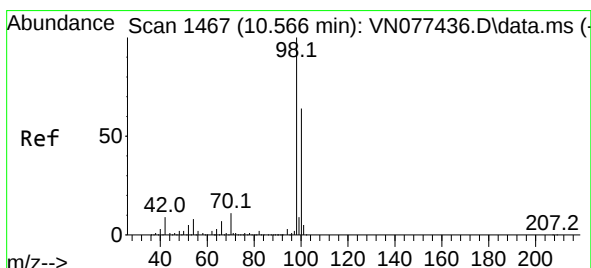
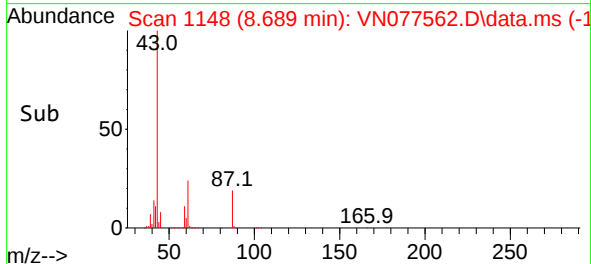
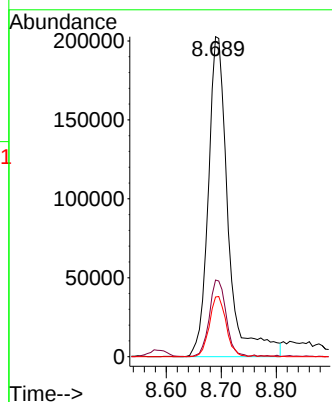
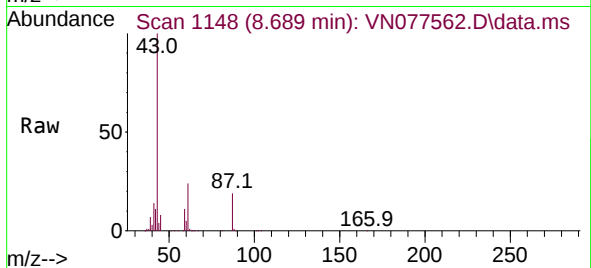




#43
Isopropyl Acetate
Concen: 31.360 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56

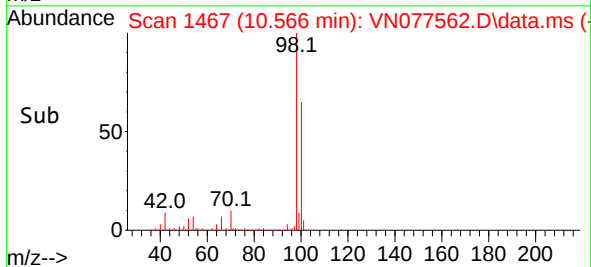
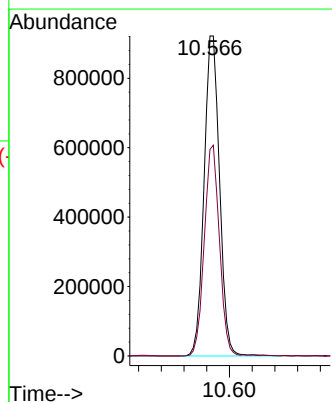
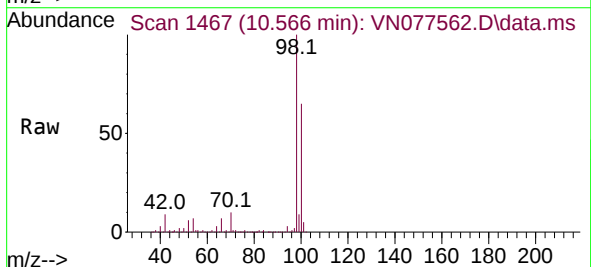
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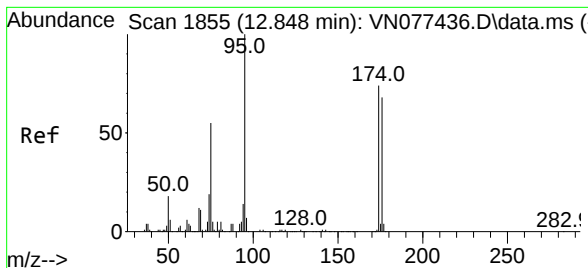
Tgt Ion: 43 Resp: 507758
Ion Ratio Lower Upper
43 100
61 20.3 24.7 37.1#
87 15.9 14.6 21.8



#50
Toluene-d8
Concen: 53.212 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56

Tgt Ion: 98 Resp: 1738628
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

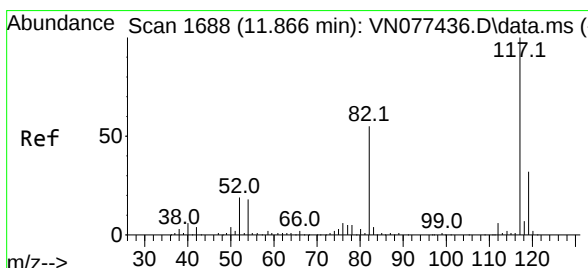
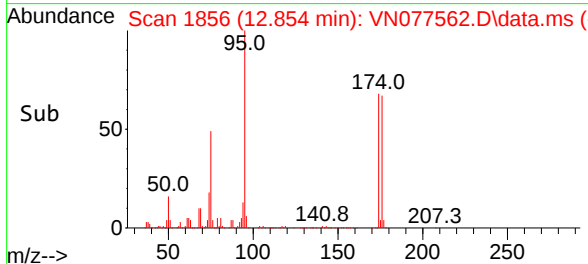
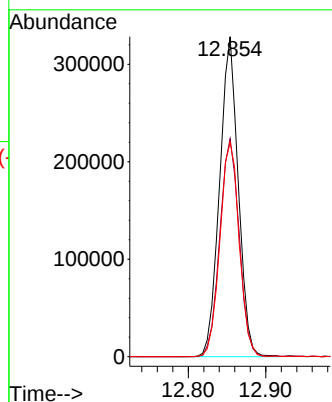
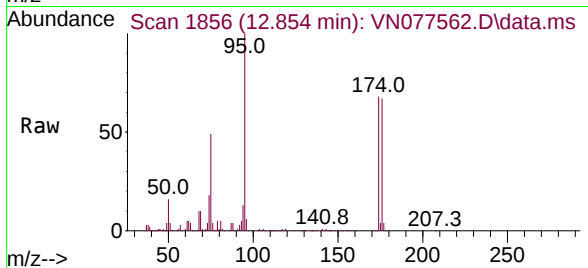




#62
4-Bromofluorobenzene
Concen: 51.321 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56

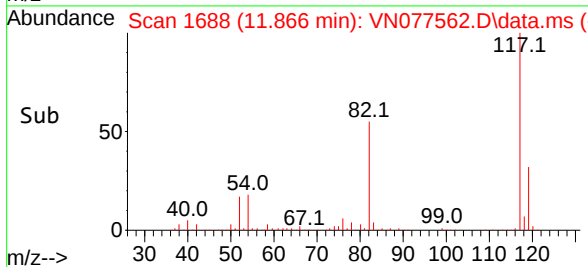
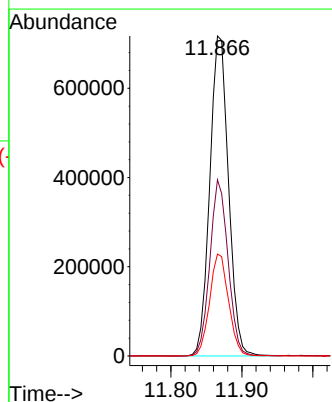
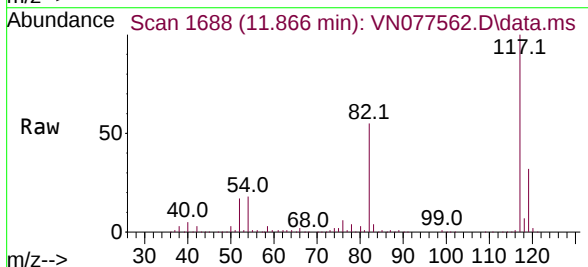
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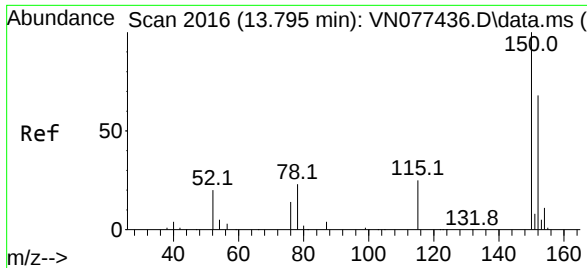
Tgt Ion: 95 Resp: 548626
Ion Ratio Lower Upper
95 100
174 70.6 0.0 143.8
176 69.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077562.D
Acq: 03 May 2023 14:56

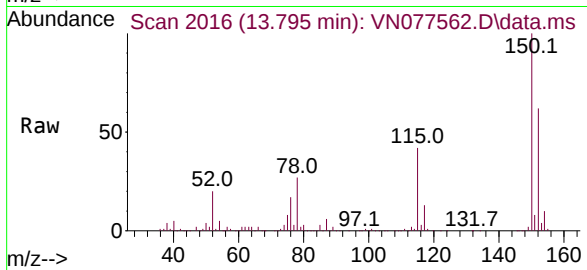
Tgt Ion: 117 Resp: 1311883
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077562.D
 Acq: 03 May 2023 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#07



Tgt Ion:152 Resp: 455233
 Ion Ratio Lower Upper
 152 100
 115 66.4 32.3 96.8
 150 159.3 0.0 355.8

