

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077822.D
 Acq On : 23 May 2023 17:30
 Operator : JC\MD
 Sample : PB152982ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#04

Quant Time: May 24 02:55:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

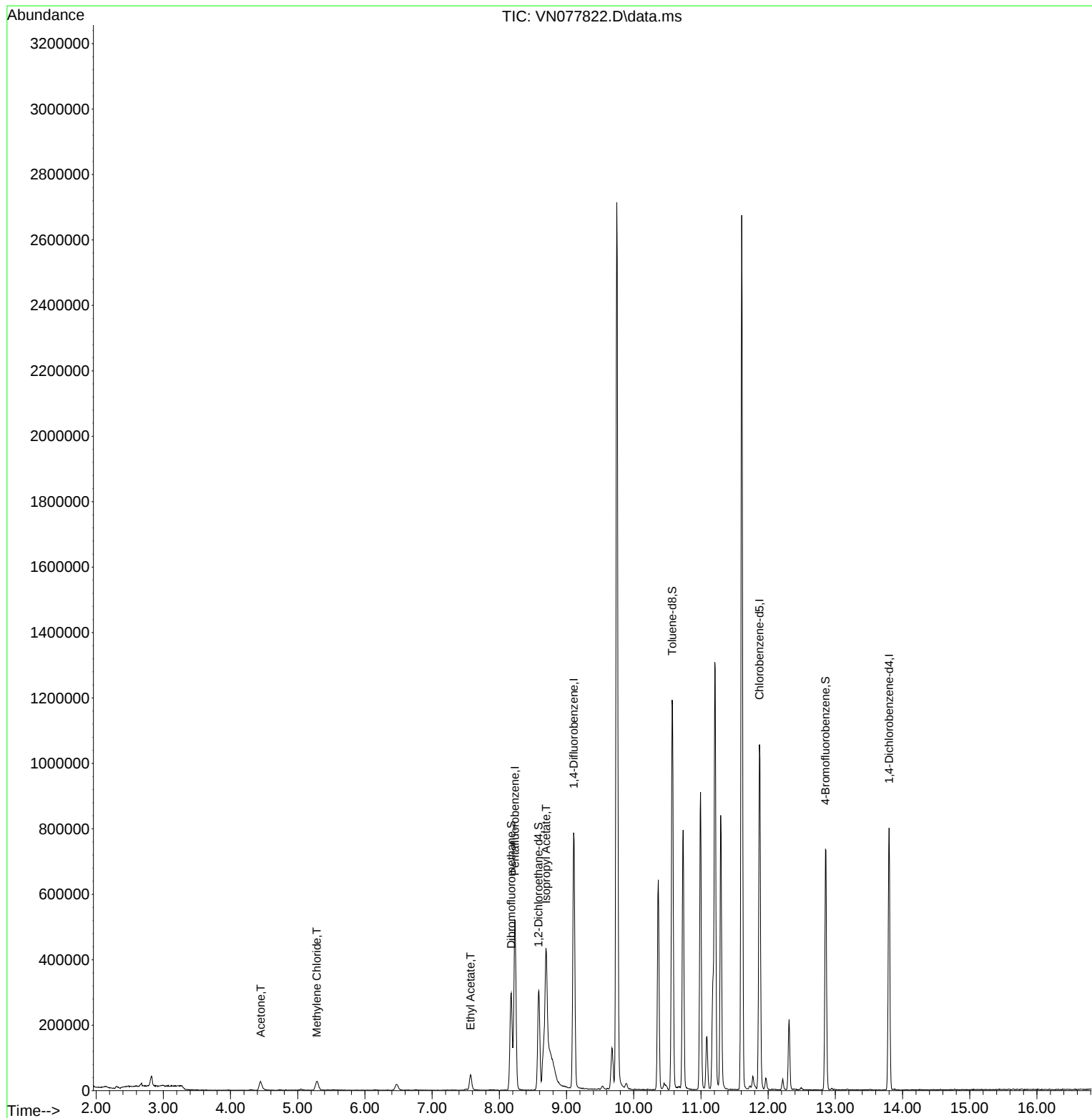
Internal Standards						
1) Pentafluorobenzene	8.230	168	378602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	714710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	647159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	218014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	253679	44.781	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.560%		
35) Dibromofluoromethane	8.177	113	220325	47.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	10.571	98	872549	48.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.280%		
62) 4-Bromofluorobenzene	12.853	95	269407	42.523	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.040%		
Target Compounds					Qvalue	
16) Acetone	4.448	43	51123	28.685	ug/l	90
20) Methylene Chloride	5.283	84	22282	2.944	ug/l	97
37) Ethyl Acetate	7.571	43	70274	11.566	ug/l	96
43) Isopropyl Acetate	8.694	43	813872	82.008	ug/l #	65

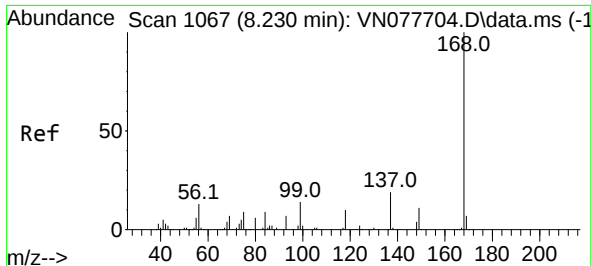
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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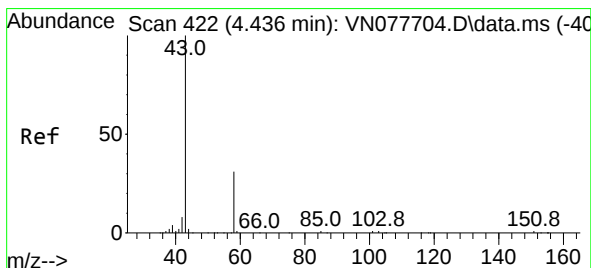
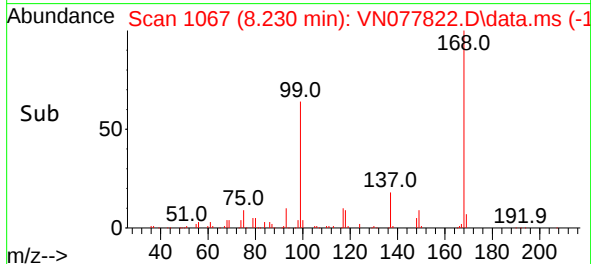
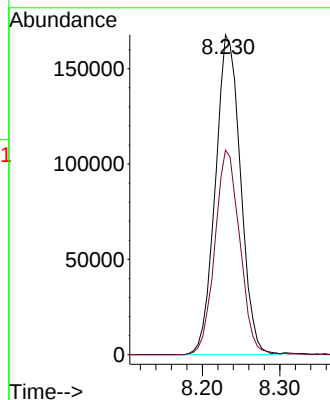
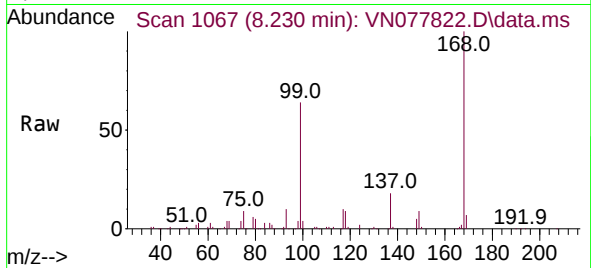




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077822.D
Acq: 23 May 2023 17:30

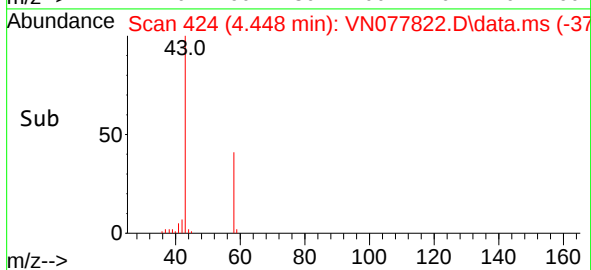
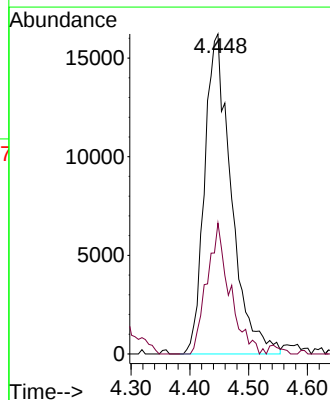
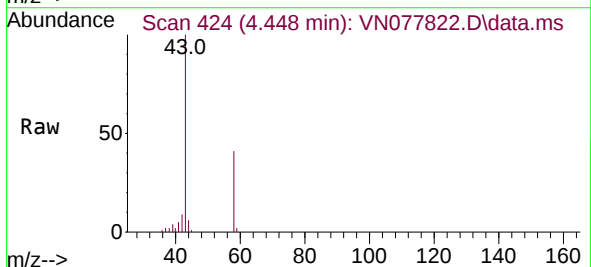
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#04

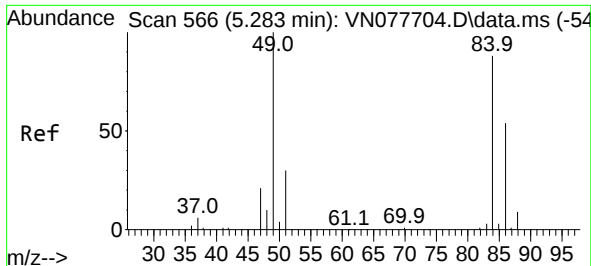
Tgt Ion:168 Resp: 378602
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 28.685 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077822.D
Acq: 23 May 2023 17:30

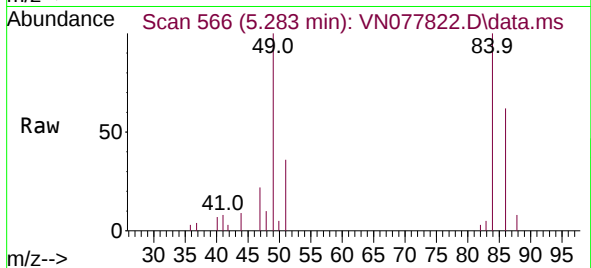
Tgt Ion: 43 Resp: 51123
Ion Ratio Lower Upper
43 100
58 40.9 28.0 42.0



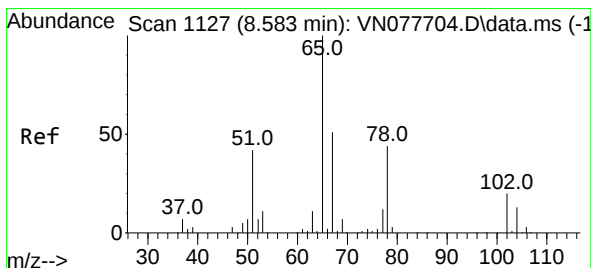
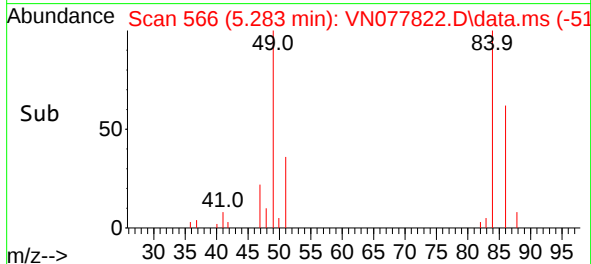
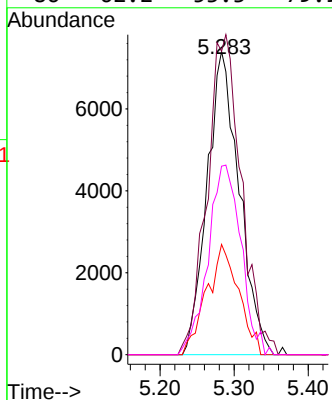


#20
Methylene Chloride
Concen: 2.944 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN077822.D
Acq: 23 May 2023 17:30

Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#04

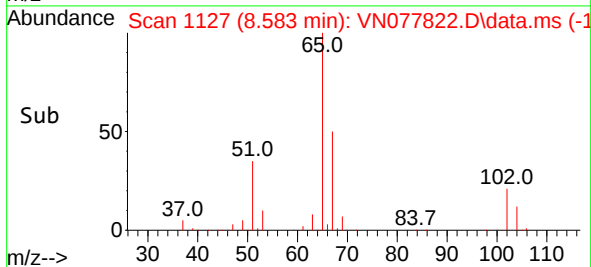
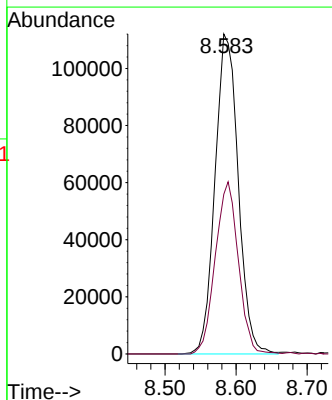
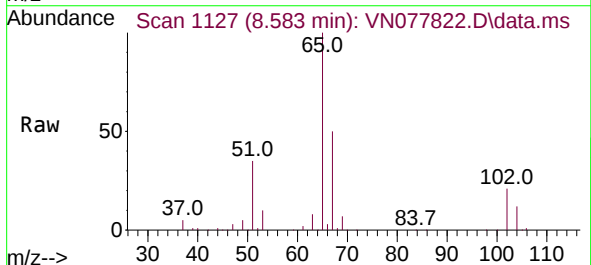


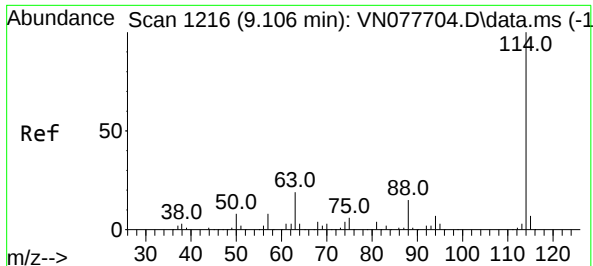
Tgt Ion:	84	Resp:	22282
Ion	Ratio	Lower	Upper
84	100		
49	100.1	79.7	119.5
51	36.3	25.2	37.8
86	62.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 44.781 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077822.D
Acq: 23 May 2023 17:30

Tgt Ion:	65	Resp:	253679
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN077822.D

Acq: 23 May 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#04

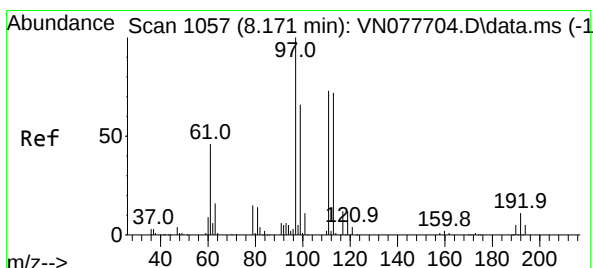
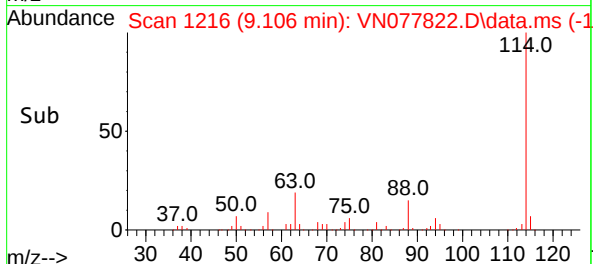
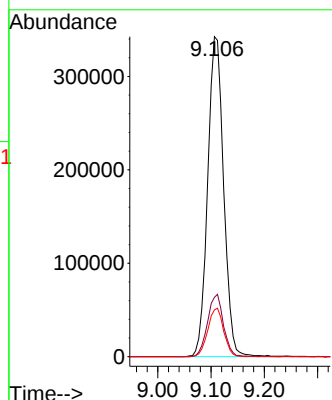
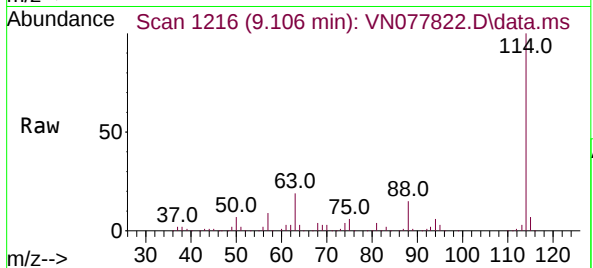
Tgt Ion:114 Resp: 714710

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.275 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077822.D

Acq: 23 May 2023 17:30

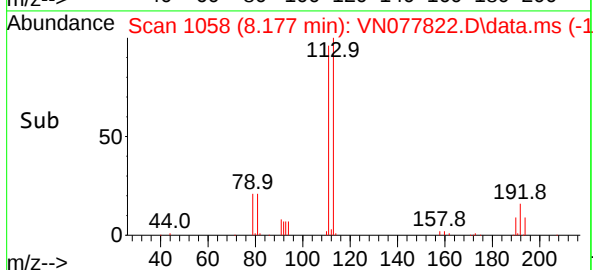
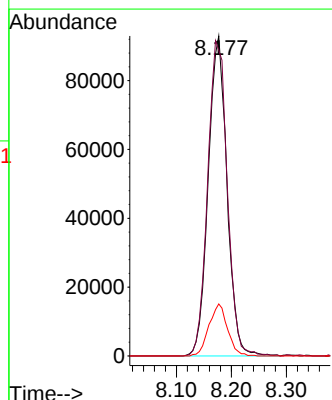
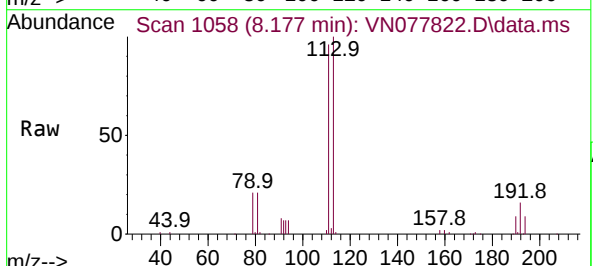
Tgt Ion:113 Resp: 220325

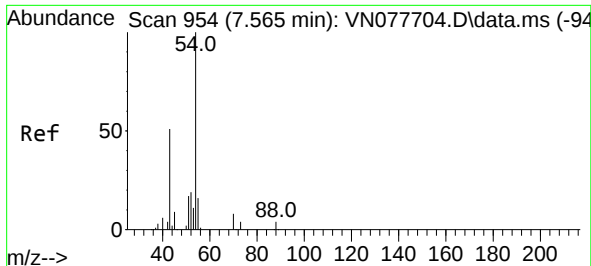
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.2 12.7 19.1





#37

Ethyl Acetate

Concen: 11.566 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077822.D

Acq: 23 May 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#04

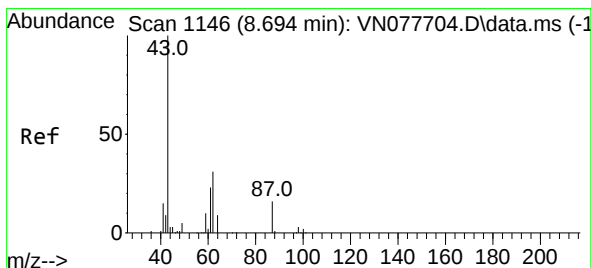
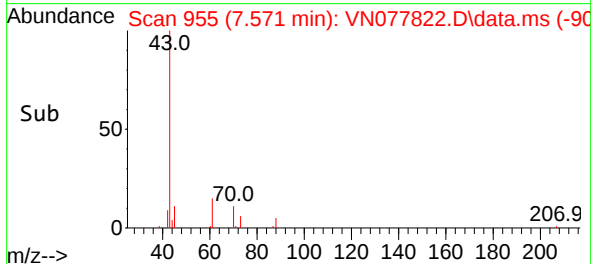
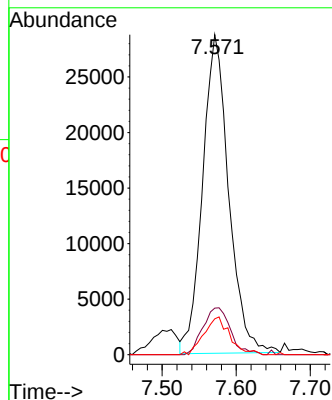
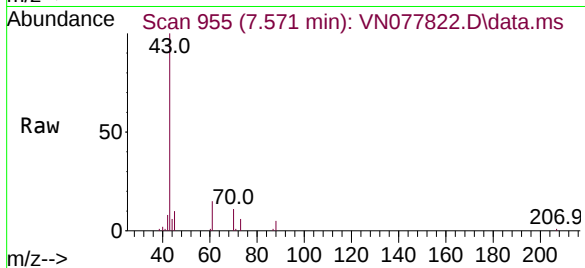
Tgt Ion: 43 Resp: 70274

Ion Ratio Lower Upper

43 100

61 15.6 13.2 19.8

70 11.8 11.3 16.9



#43

Isopropyl Acetate

Concen: 82.008 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077822.D

Acq: 23 May 2023 17:30

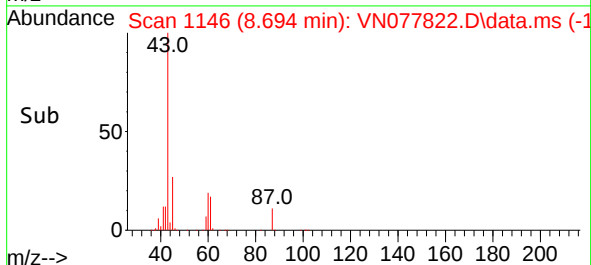
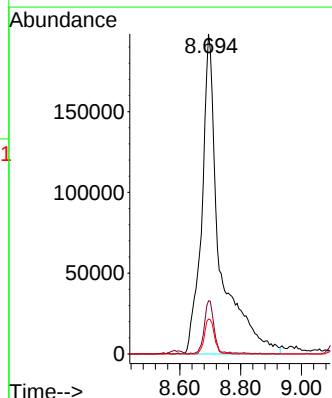
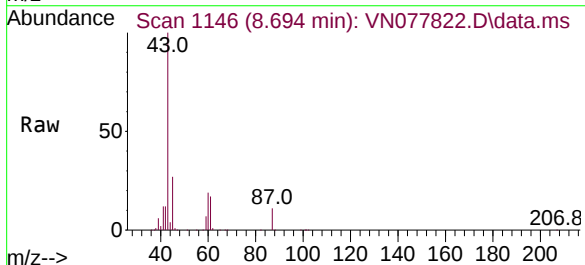
Tgt Ion: 43 Resp: 813872

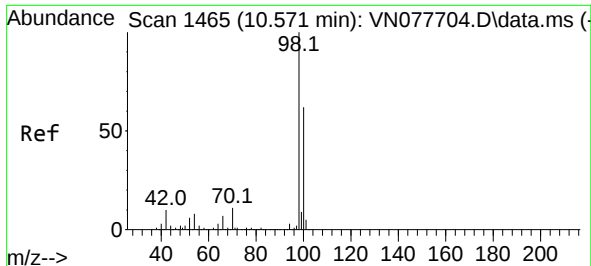
Ion Ratio Lower Upper

43 100

61 9.0 24.7 37.1#

87 6.0 14.6 21.8#

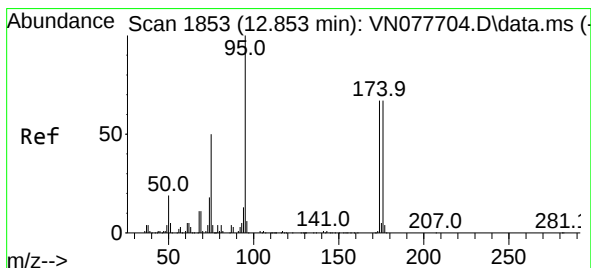
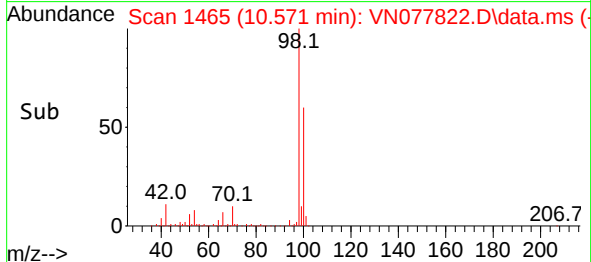
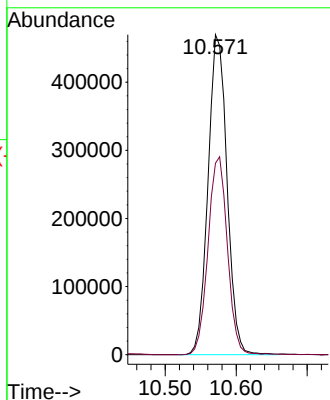
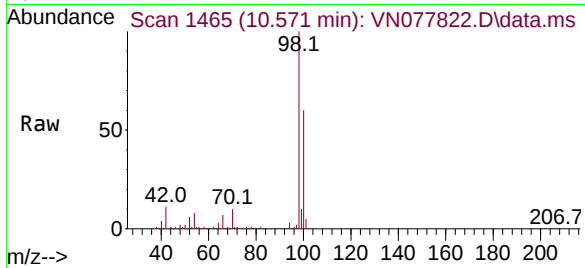




#50
Toluene-d8
Concen: 48.640 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077822.D
Acq: 23 May 2023 17:30

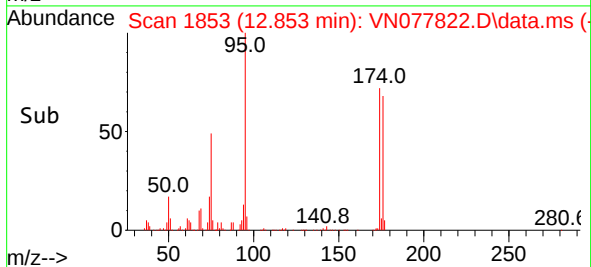
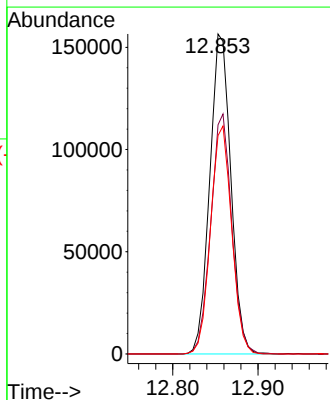
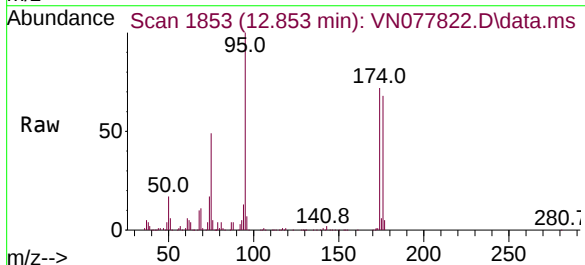
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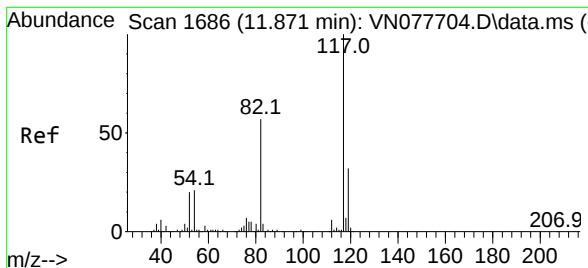
Tgt Ion: 98 Resp: 872549
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.523 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN077822.D
Acq: 23 May 2023 17:30

Tgt Ion: 95 Resp: 269407
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077822.D

Acq: 23 May 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#04

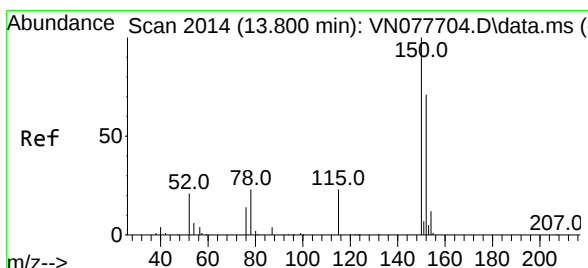
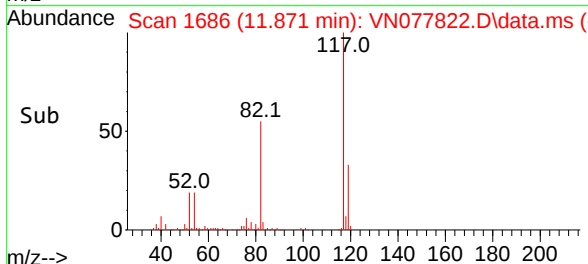
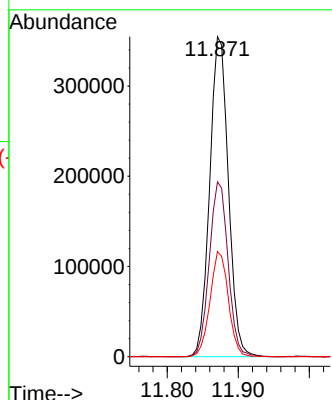
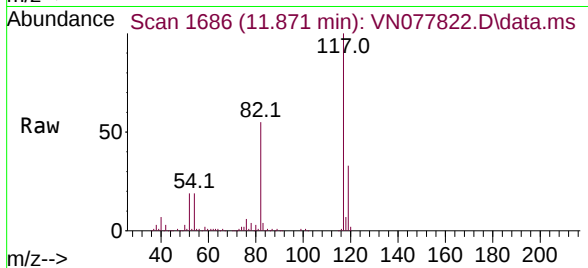
Tgt Ion:117 Resp: 647159

Ion Ratio Lower Upper

117 100

82 54.6 44.0 66.0

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN077822.D

Acq: 23 May 2023 17:30

Tgt Ion:152 Resp: 218014

Ion Ratio Lower Upper

152 100

115 61.1 32.3 96.8

150 160.4 0.0 355.8

