

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082773.D
 Acq On : 01 Jul 2024 18:18
 Operator : JC\MD
 Sample : PB161815ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161815ZHE#05

Quant Time: Jul 02 00:12:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

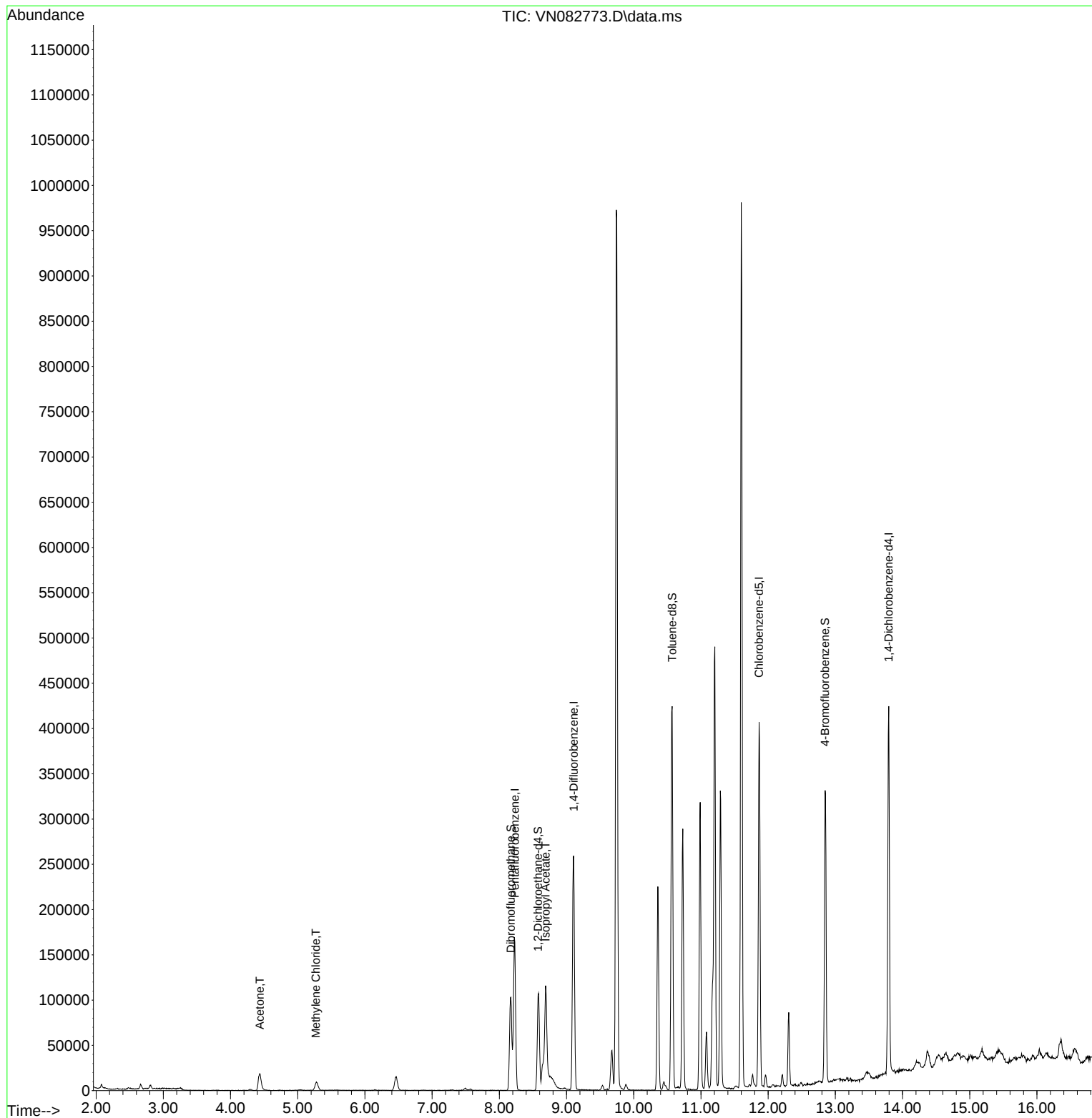
Internal Standards						
1) Pentafluorobenzene	8.230	168	119148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91164	49.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.220%		
35) Dibromofluoromethane	8.171	113	75659	50.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.580%		
50) Toluene-d8	10.571	98	293660	52.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.400%		
62) 4-Bromofluorobenzene	12.847	95	111738	57.835	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	115.680%		
Target Compounds						
16) Acetone	4.436	43	37482	53.841	ug/l	98
20) Methylene Chloride	5.271	84	7589	4.308	ug/l #	75
43) Isopropyl Acetate	8.688	43	167374	41.166	ug/l #	85

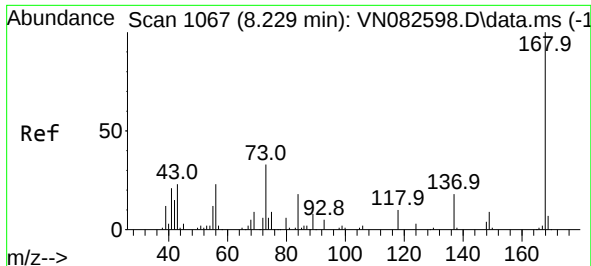
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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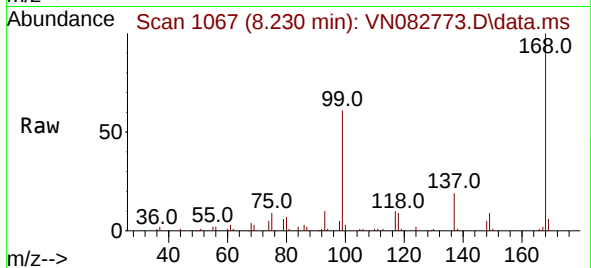
Quant Time: Jul 02 00:12:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



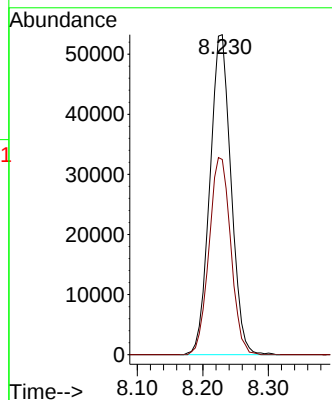
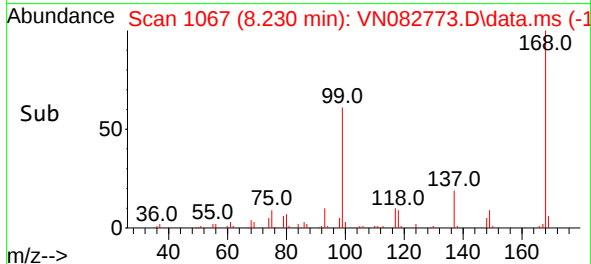


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082773.D
Acq: 01 Jul 2024 18:18

Instrument :
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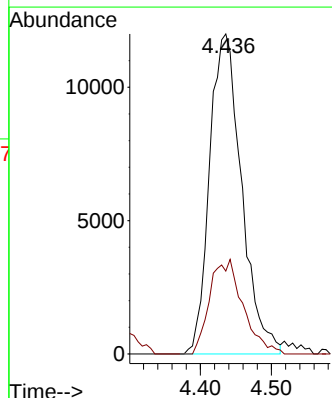
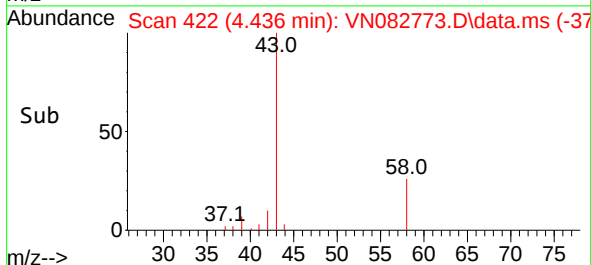
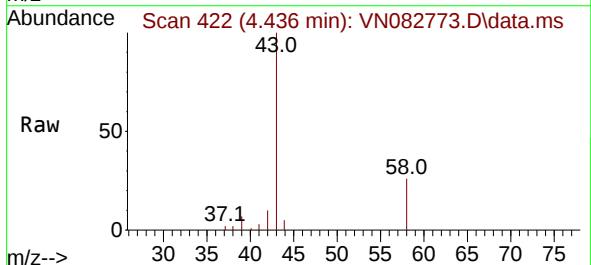


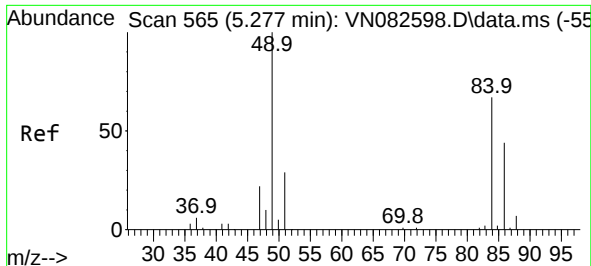
Tgt Ion:168 Resp: 119148
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#16
Acetone
Concen: 53.841 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082773.D
Acq: 01 Jul 2024 18:18

Tgt Ion: 43 Resp: 37482
Ion Ratio Lower Upper
43 100
58 25.9 21.8 32.6

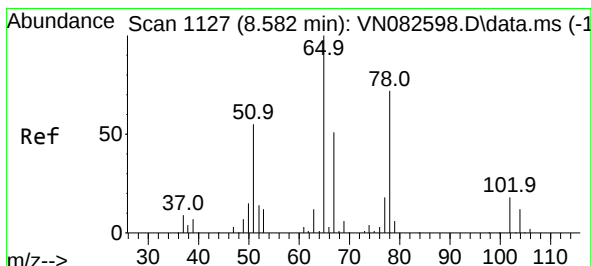
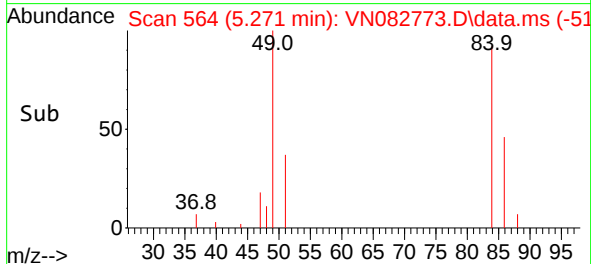
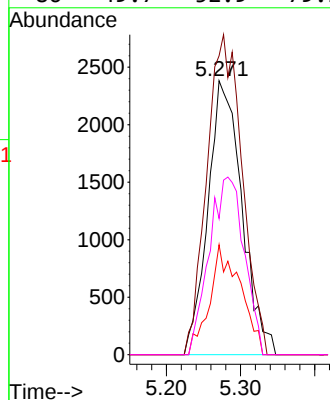
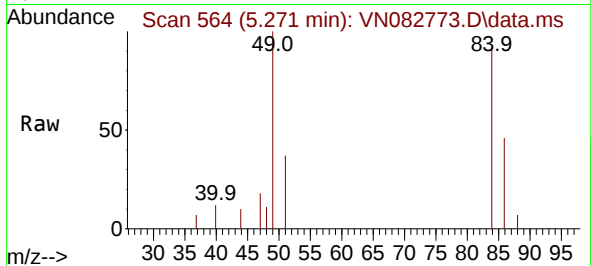




#20
Methylene Chloride
Concen: 4.308 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082773.D
Acq: 01 Jul 2024 18:18

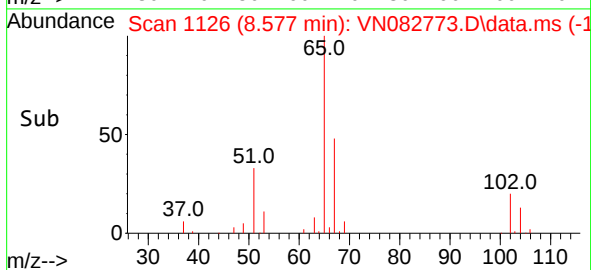
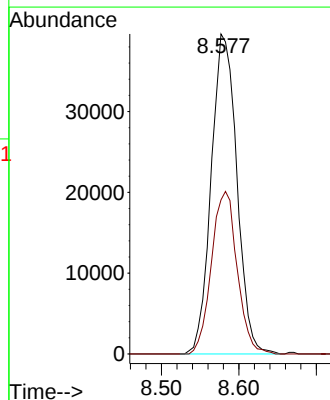
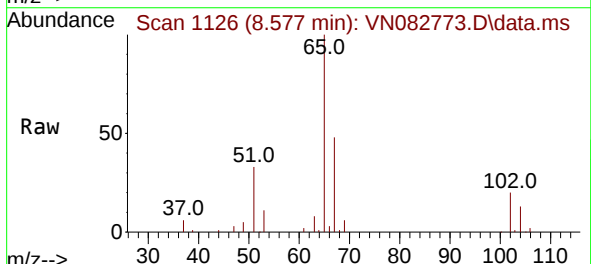
Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#05

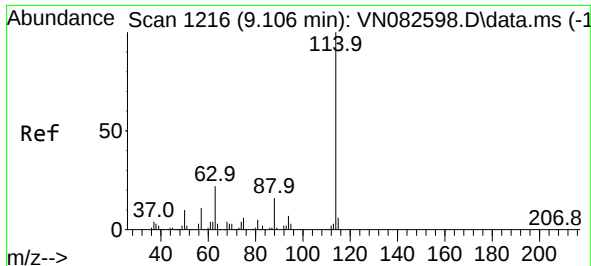
Tgt Ion: 84	Resp: 7589
Ion Ratio	Lower Upper
84 100	
49 109.1	119.6 179.4#
51 40.1	34.8 52.2
86 49.7	52.9 79.3#



#33
1,2-Dichloroethane-d4
Concen: 49.615 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082773.D
Acq: 01 Jul 2024 18:18

Tgt Ion: 65	Resp: 91164
Ion Ratio	Lower Upper
65 100	
67 50.9	0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082773.D

Acq: 01 Jul 2024 18:18

Instrument :

MSVOA_N

ClientSampleId :

PB161815ZHE#05

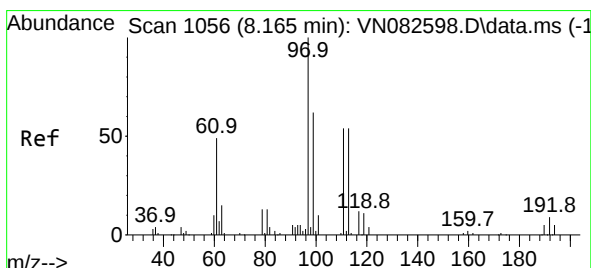
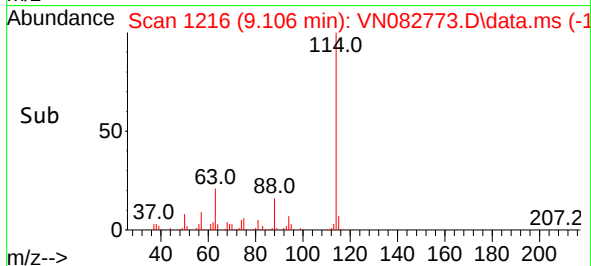
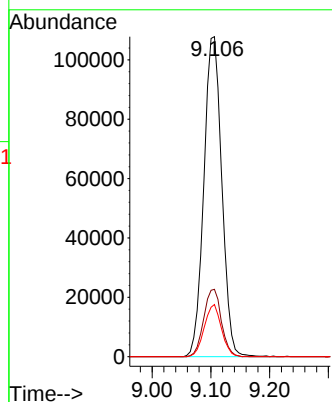
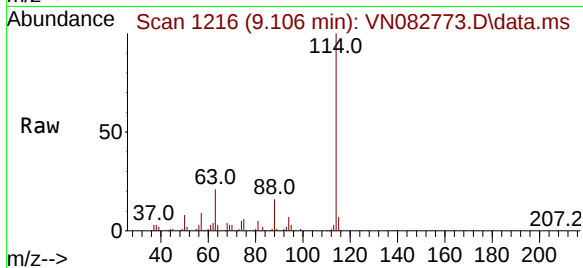
Tgt Ion:114 Resp: 228482

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.295 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082773.D

Acq: 01 Jul 2024 18:18

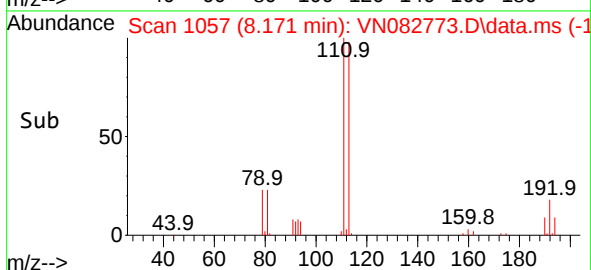
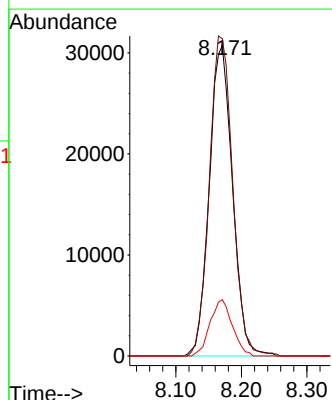
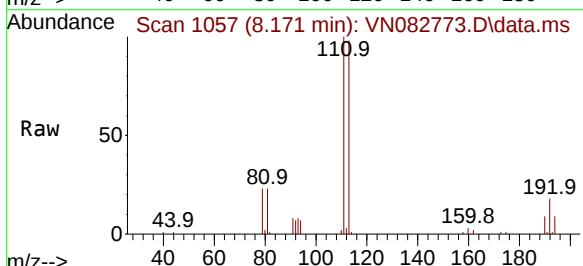
Tgt Ion:113 Resp: 75659

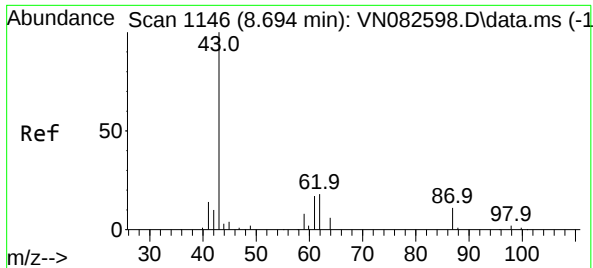
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.4 14.9 22.3

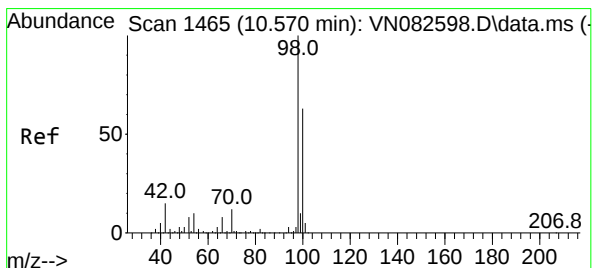
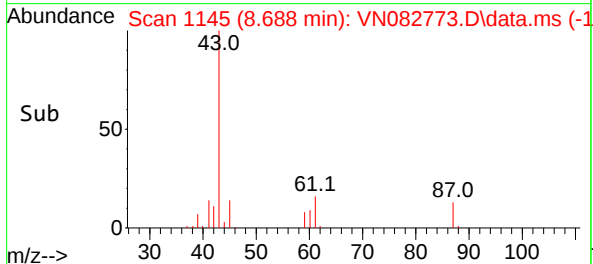
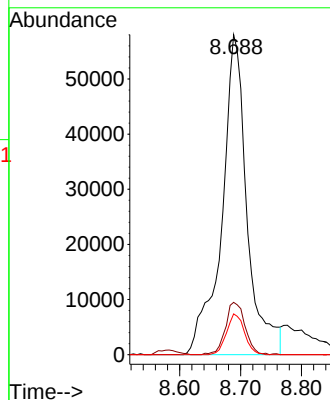
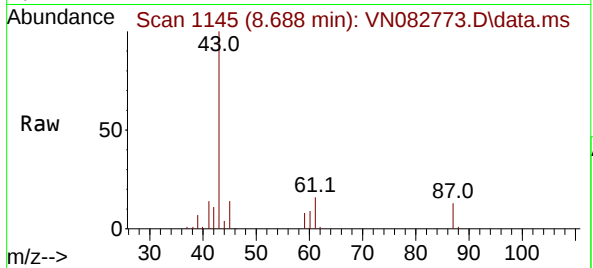




#43
Isopropyl Acetate
Concen: 41.166 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082773.D
Acq: 01 Jul 2024 18:18

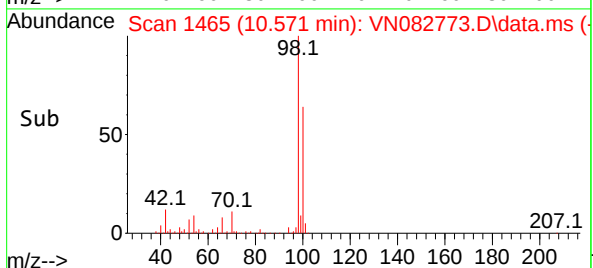
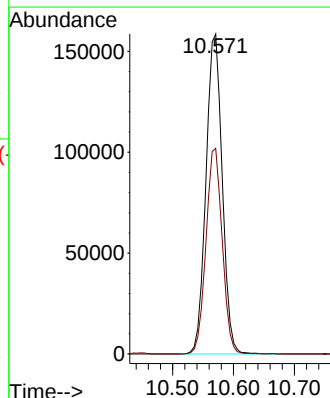
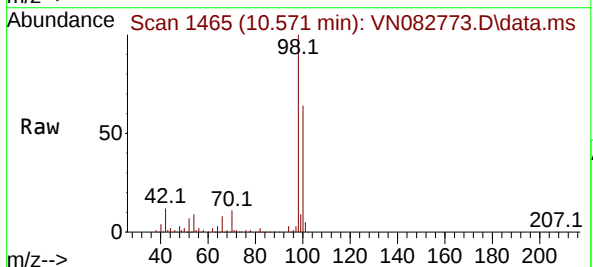
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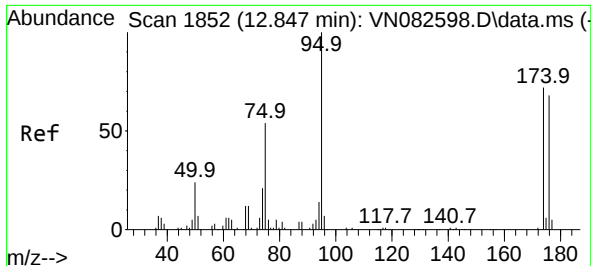
Tgt Ion: 43 Resp: 167374
Ion Ratio Lower Upper
43 100
61 12.7 17.8 26.6#
87 9.0 8.2 12.2



#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082773.D
Acq: 01 Jul 2024 18:18

Tgt Ion: 98 Resp: 293660
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 57.835 ug/l

RT: 12.847 min Scan# 111738

Delta R.T. 0.000 min

Lab File: VN082773.D

Acq: 01 Jul 2024 18:18

Instrument :

MSVOA_N

ClientSampleId :

PB161815ZHE#05

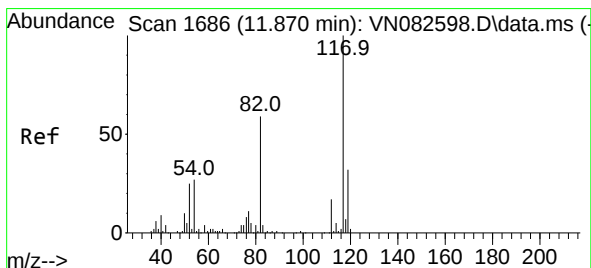
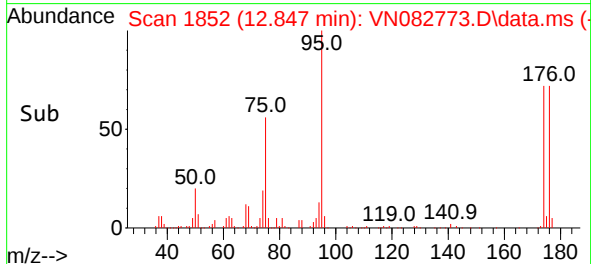
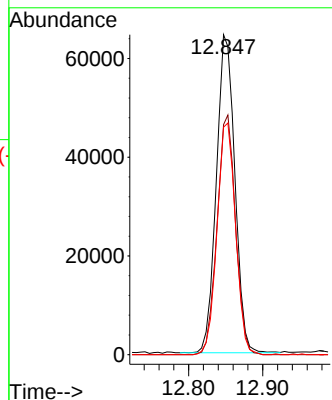
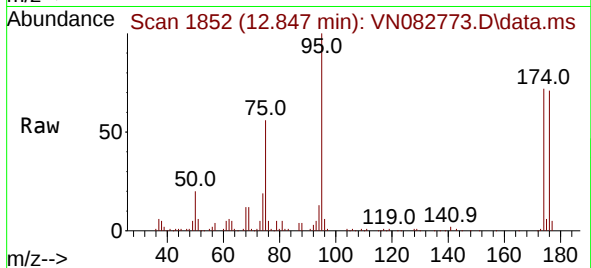
Tgt Ion: 95 Resp: 111738

Ion Ratio Lower Upper

95 100

174 75.1 0.0 159.2

176 72.7 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.005 min

Lab File: VN082773.D

Acq: 01 Jul 2024 18:18

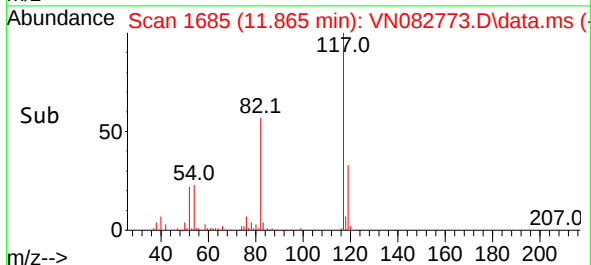
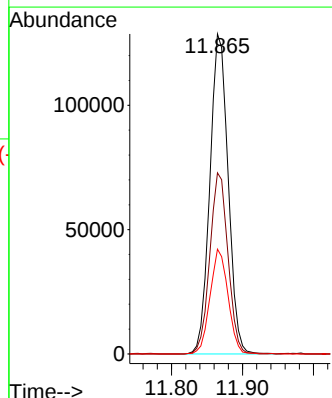
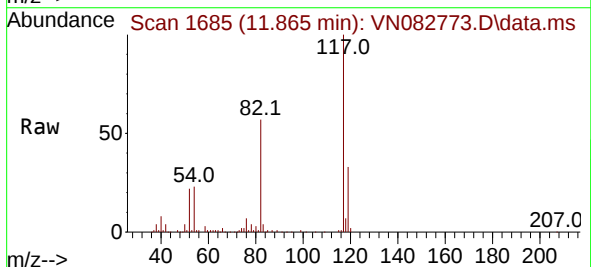
Tgt Ion: 117 Resp: 229439

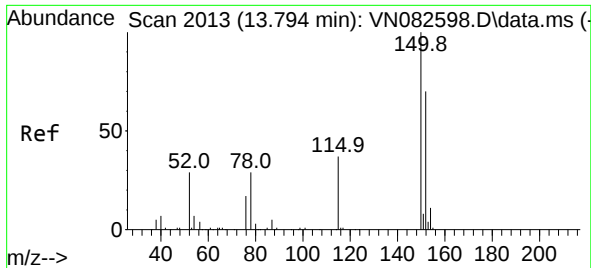
Ion Ratio Lower Upper

117 100

82 56.6 47.5 71.3

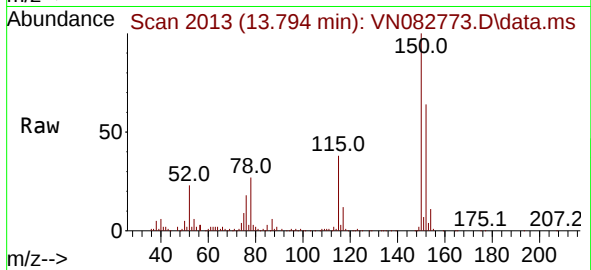
119 32.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082773.D
 Acq: 01 Jul 2024 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161815ZHE#05



Tgt Ion:152 Resp: 106592
 Ion Ratio Lower Upper
 152 100
 115 61.7 30.6 91.6
 150 157.4 0.0 348.6

