

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082803.D
 Acq On : 03 Jul 2024 15:15
 Operator : JC\MD
 Sample : PB161888ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#06

Quant Time: Jul 03 23:59:53 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)

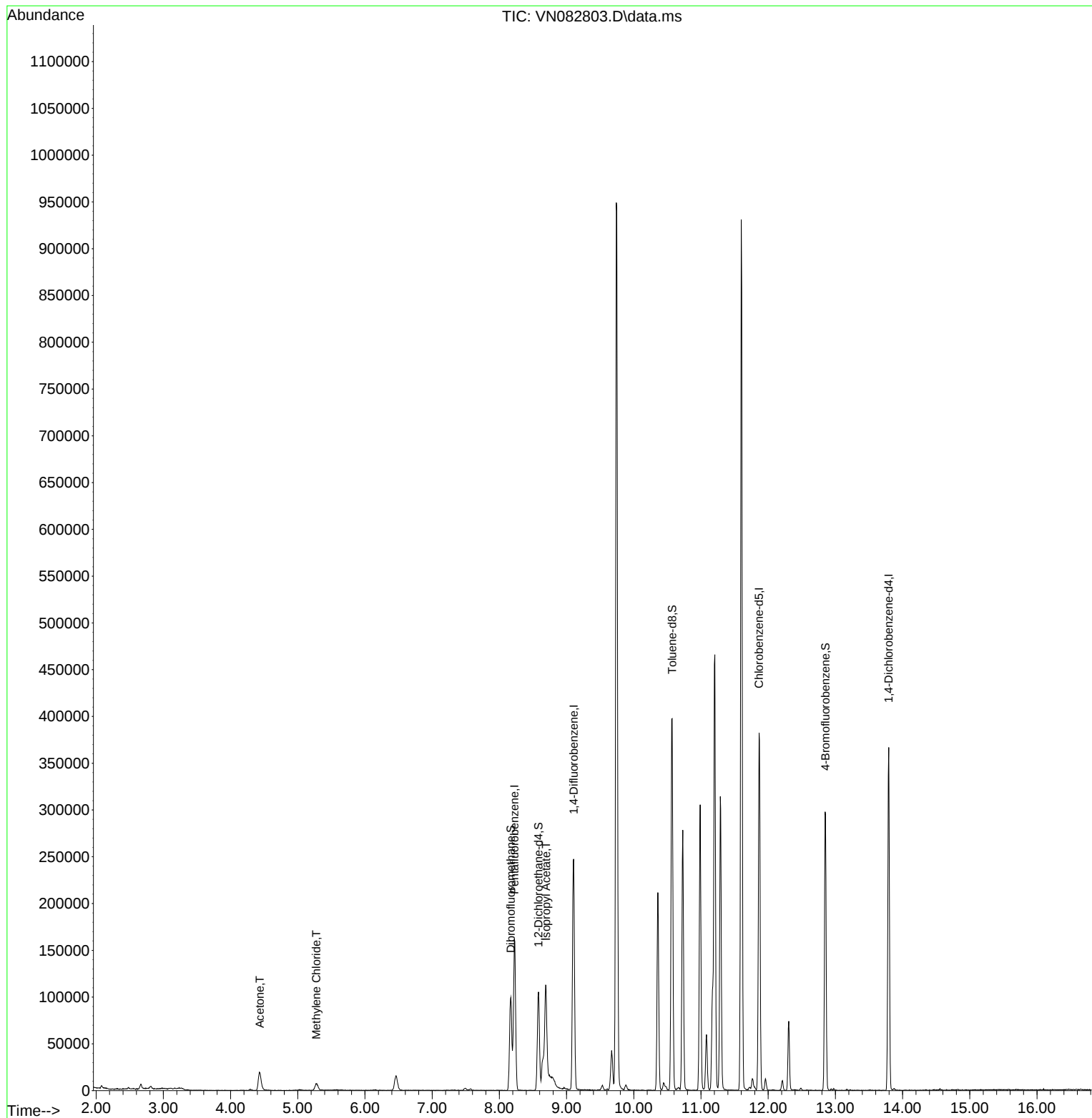
Internal Standards						
1) Pentafluorobenzene	8.224	168	113080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	215012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	88547	50.776	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.560%		
35) Dibromofluoromethane	8.171	113	72494	51.210	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.420%		
50) Toluene-d8	10.571	98	276162	52.164	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.320%		
62) 4-Bromofluorobenzene	12.853	95	100044	55.027	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 110.060%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	38702	58.577	ug/l	99
20) Methylene Chloride	5.277	84	6207	3.713	ug/l #	69
43) Isopropyl Acetate	8.694	43	169909	44.347	ug/l #	84

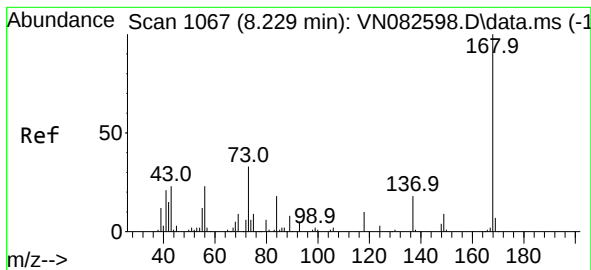
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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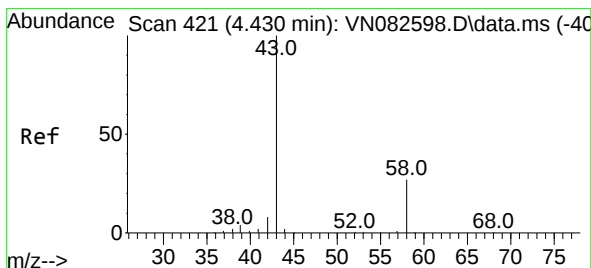
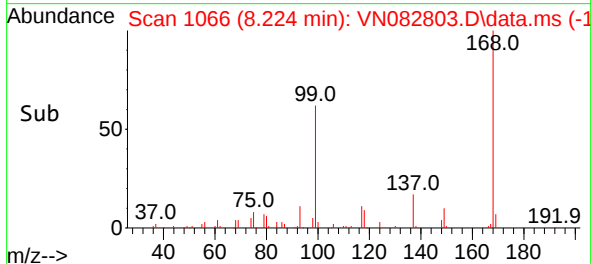
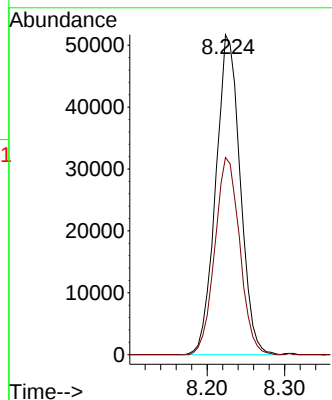
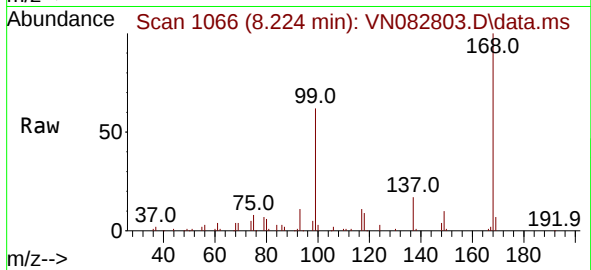




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

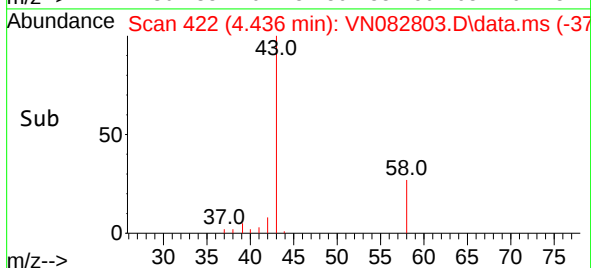
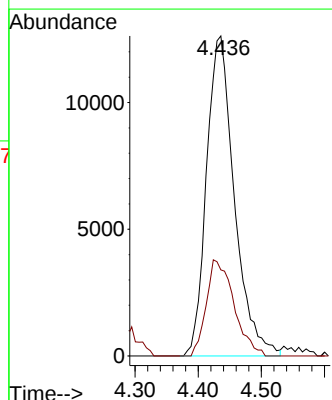
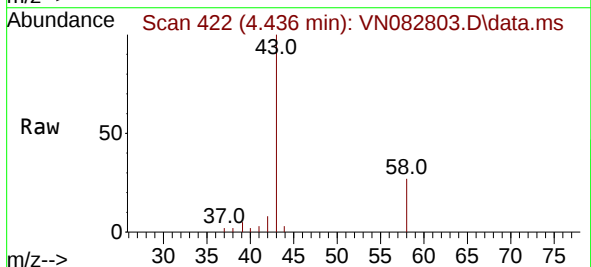
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#06

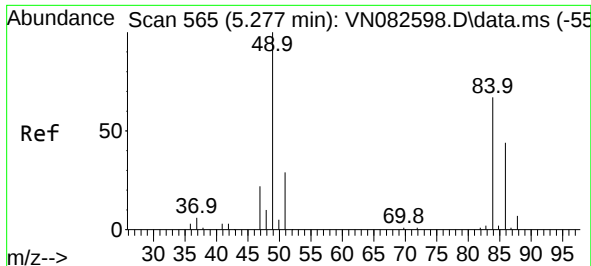
Tgt Ion:168 Resp: 113080
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#16
Acetone
Concen: 58.577 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

Tgt Ion: 43 Resp: 38702
Ion Ratio Lower Upper
43 100
58 26.9 21.8 32.6

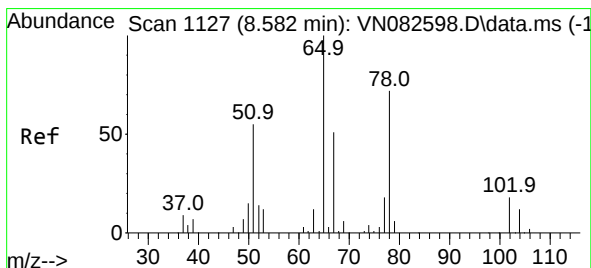
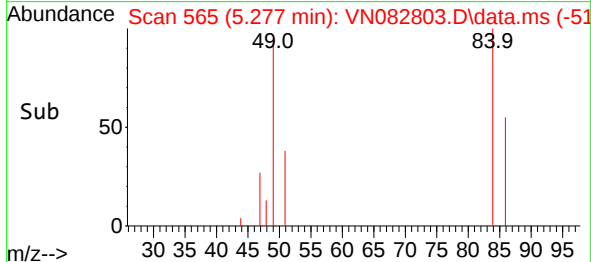
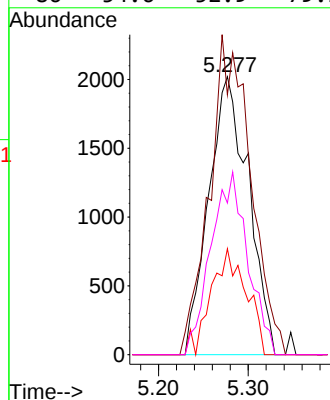
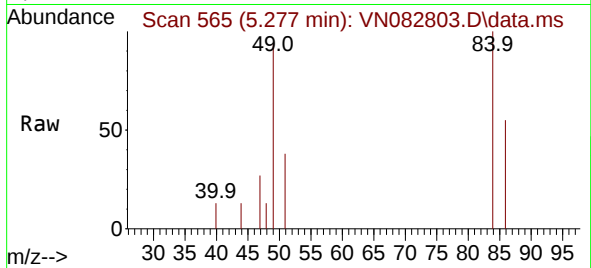




#20
Methylene Chloride
Concen: 3.713 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

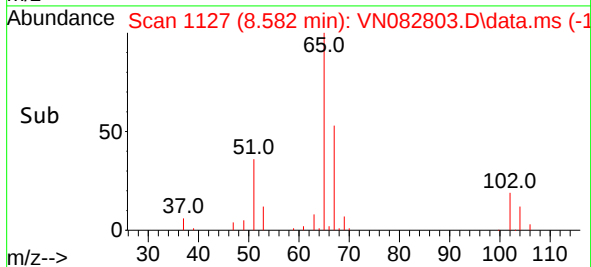
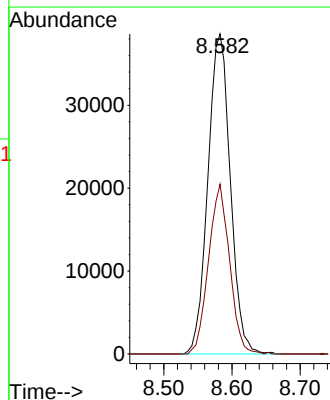
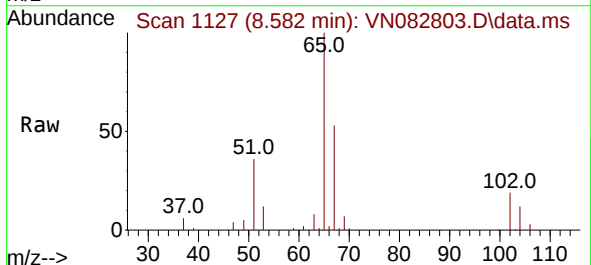
Instrument :
MSVOA_N
ClientSampleId :
PB161888ZHE#06

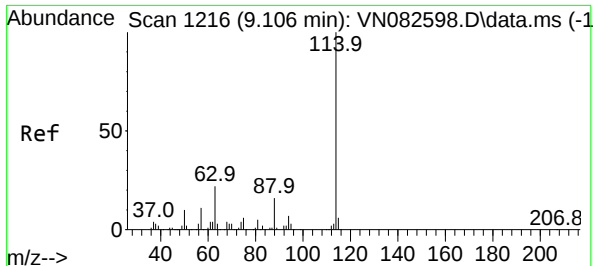
Tgt Ion: 84 Resp: 6207
Ion Ratio Lower Upper
84 100
49 93.5 119.6 179.4#
51 38.1 34.8 52.2
86 54.6 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 50.776 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

Tgt Ion: 65 Resp: 88547
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082803.D

Acq: 03 Jul 2024 15:15

Instrument :

MSVOA_N

ClientSampleId :

PB161888ZHE#06

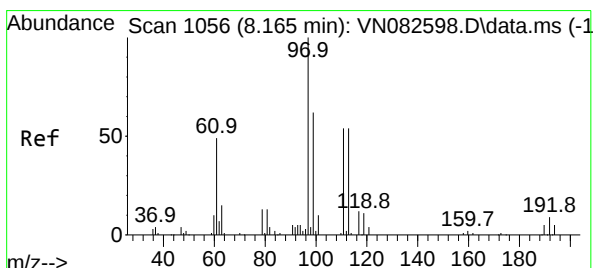
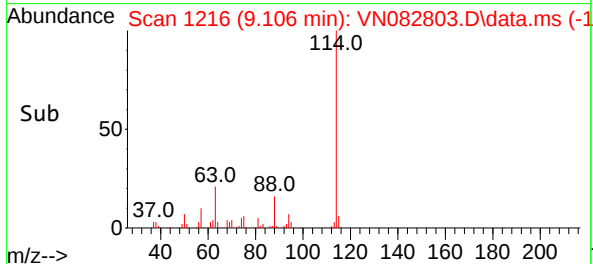
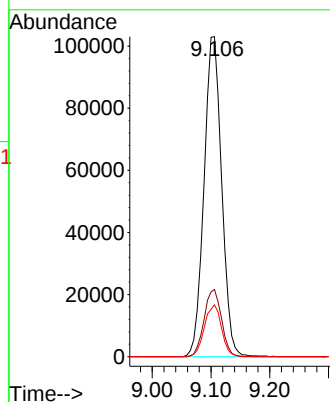
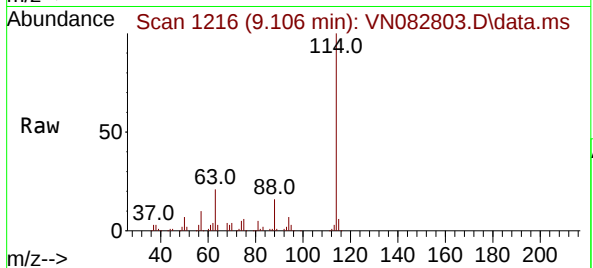
Tgt Ion:114 Resp: 215012

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.210 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082803.D

Acq: 03 Jul 2024 15:15

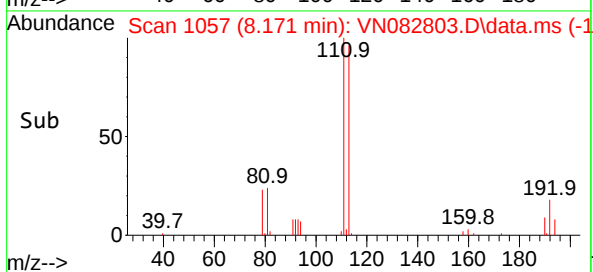
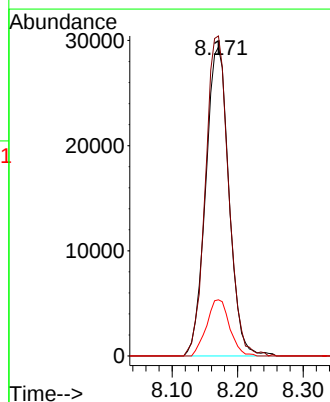
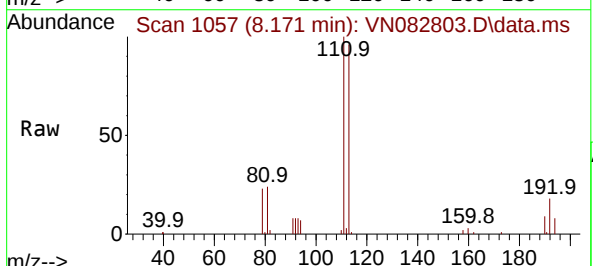
Tgt Ion:113 Resp: 72494

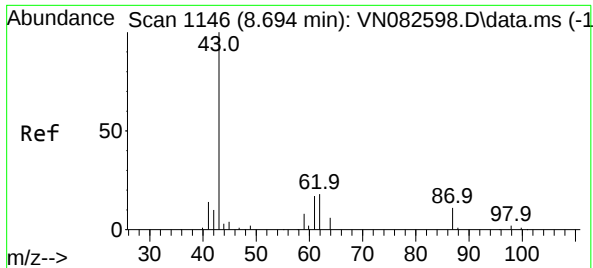
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.9 14.9 22.3

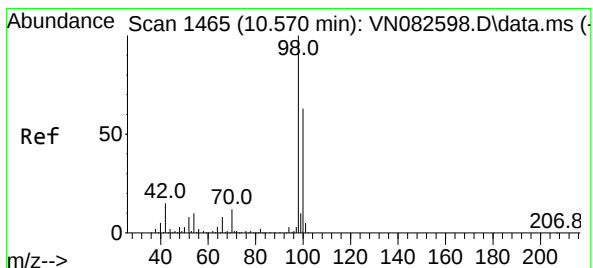
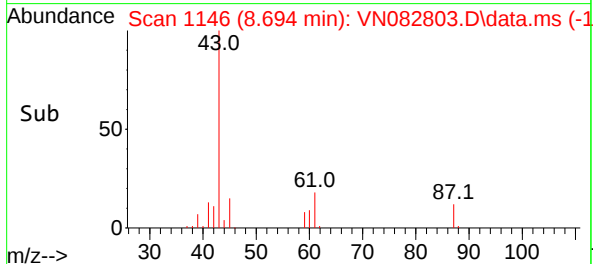
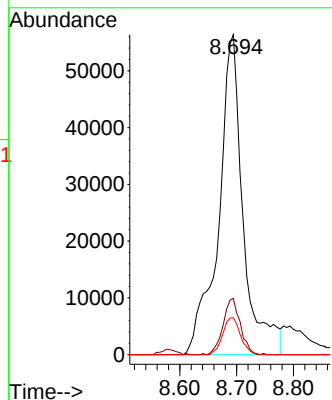
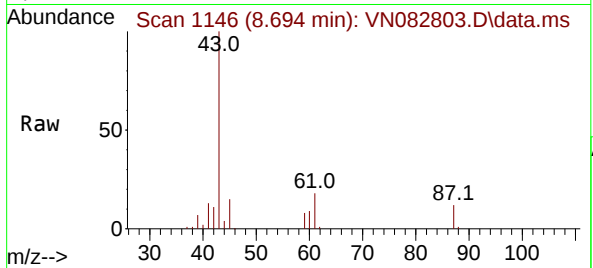




#43
Isopropyl Acetate
Concen: 44.347 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

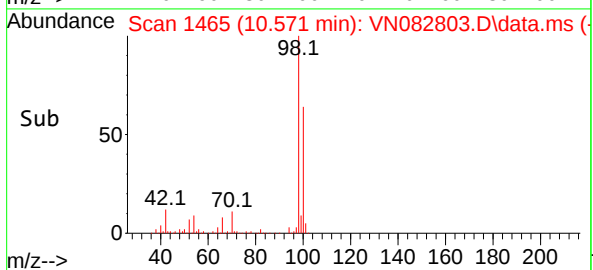
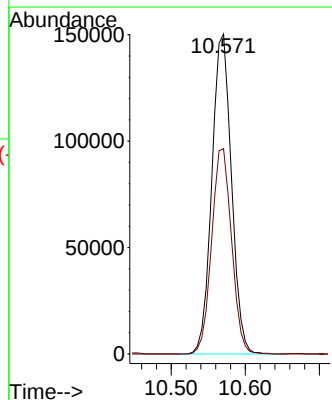
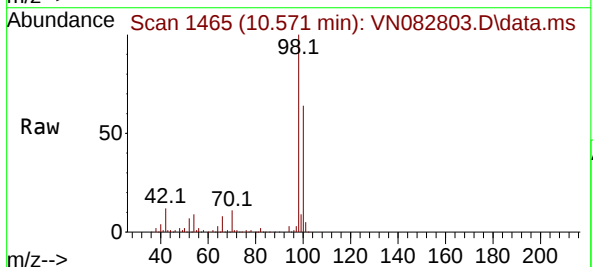
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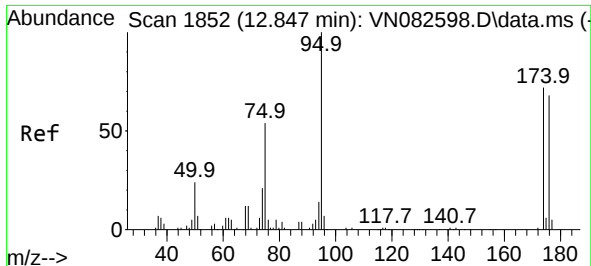
Tgt Ion: 43 Resp: 169909
Ion Ratio Lower Upper
43 100
61 12.3 17.8 26.6#
87 8.3 8.2 12.2



#50
Toluene-d8
Concen: 52.164 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

Tgt Ion: 98 Resp: 276162
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3

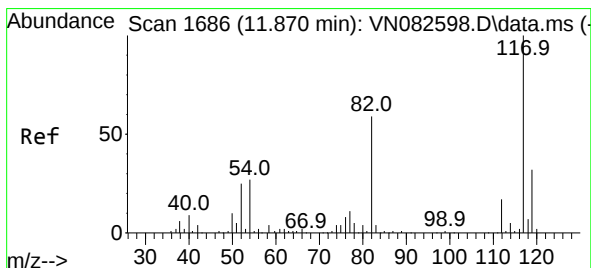
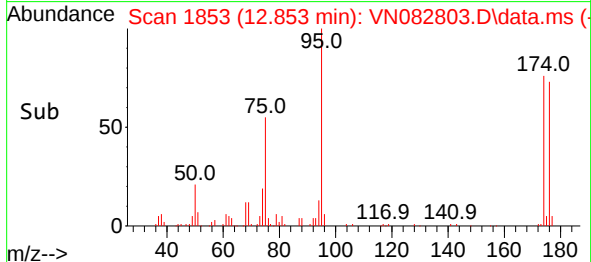
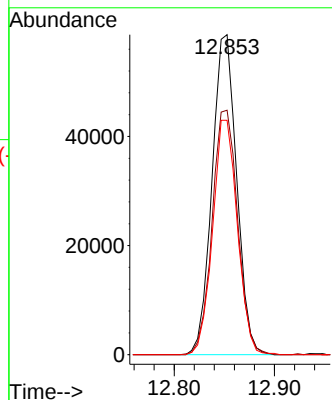
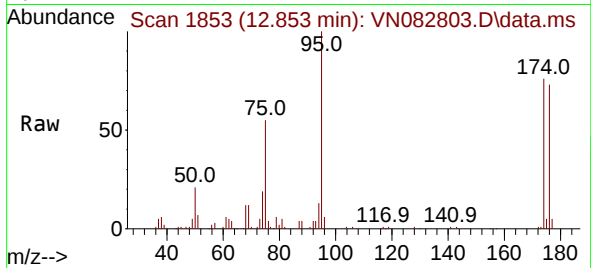




#62
4-Bromofluorobenzene
Concen: 55.027 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

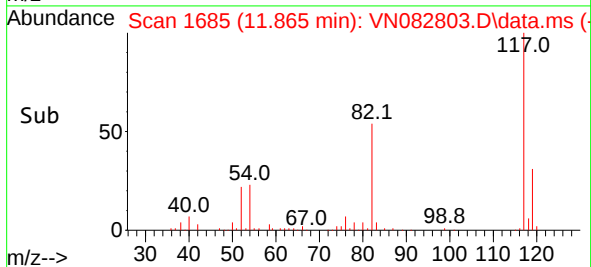
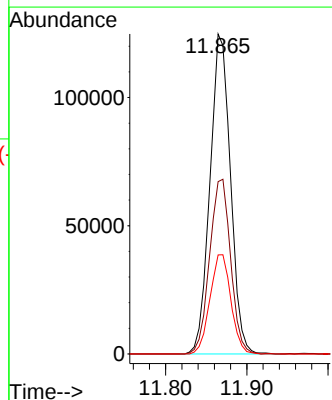
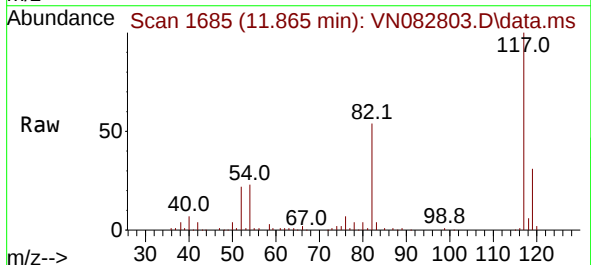
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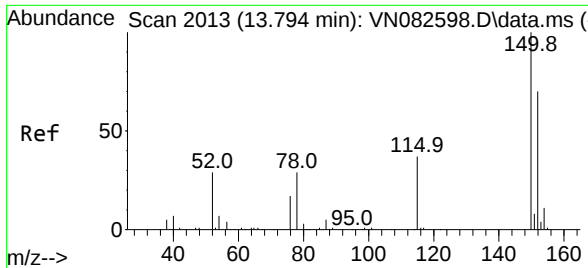
Tgt Ion: 95 Resp: 100044
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 73.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082803.D
Acq: 03 Jul 2024 15:15

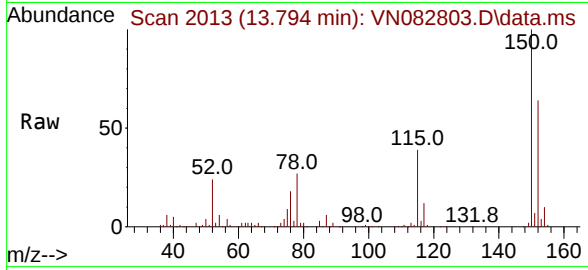
Tgt Ion: 117 Resp: 218864
Ion Ratio Lower Upper
117 100
82 53.9 47.5 71.3
119 31.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082803.D
 Acq: 03 Jul 2024 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161888ZHE#06



Tgt Ion:152 Resp: 93740
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.6 91.6
 150 159.3 0.0 348.6

