

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083071.D
 Acq On : 30 Jul 2024 16:38
 Operator : JC\MD
 Sample : PB162324ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324ZHE#01

Quant Time: Jul 31 06:03:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

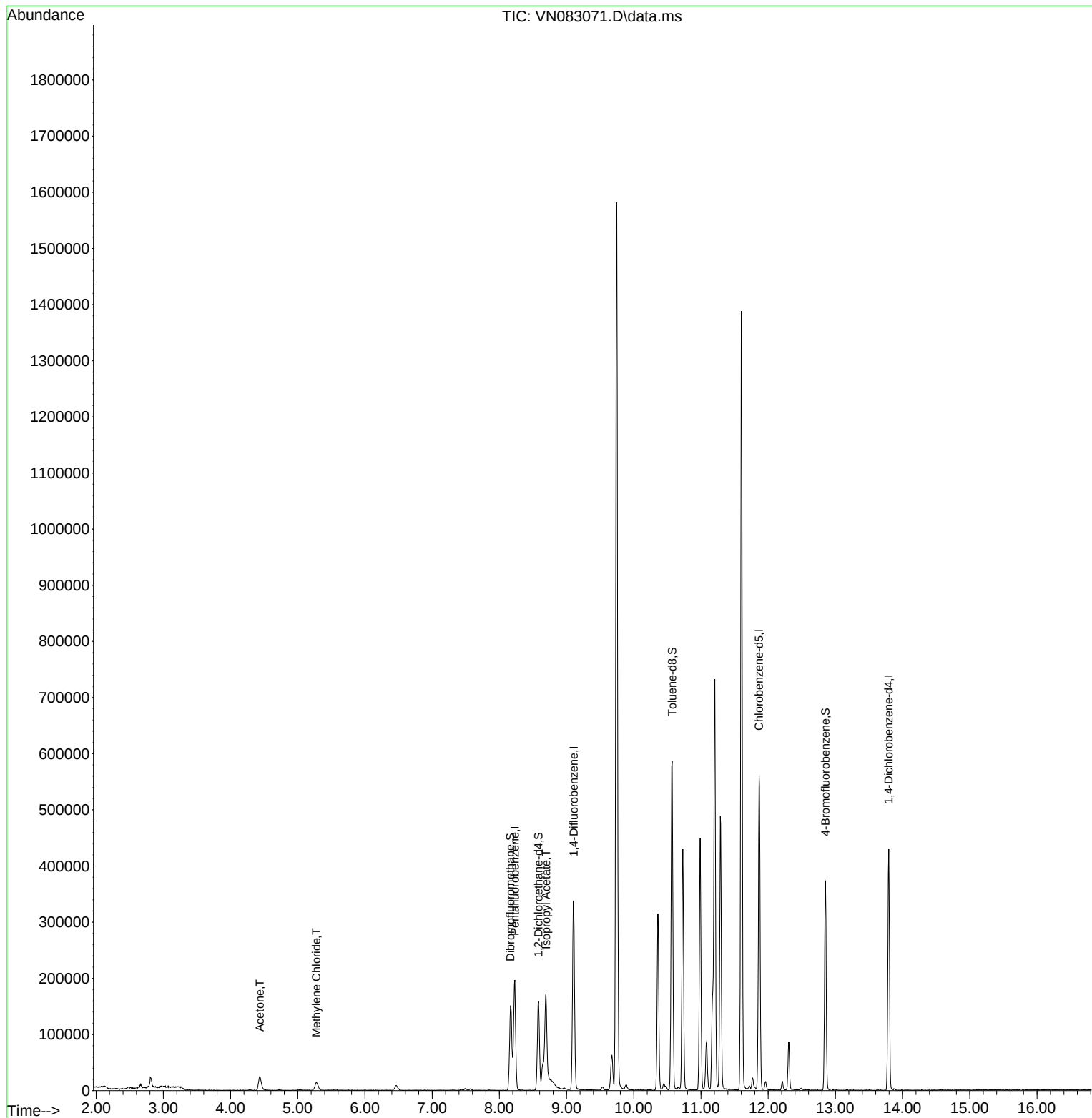
Internal Standards						
1) Pentafluorobenzene	8.229	168	129299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129191	71.277	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 142.560%#		
35) Dibromofluoromethane	8.165	113	109035	59.802	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 119.600%		
50) Toluene-d8	10.571	98	395407	58.716	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 117.440%#		
62) 4-Bromofluorobenzene	12.853	95	115300	47.664	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 95.320%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	48484	75.977	ug/l	96
20) Methylene Chloride	5.277	84	11913	7.730	ug/l #	75
43) Isopropyl Acetate	8.694	43	235594	48.746	ug/l #	84

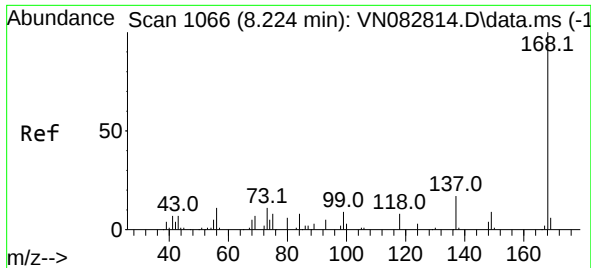
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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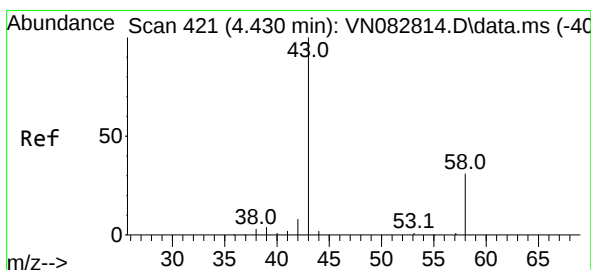
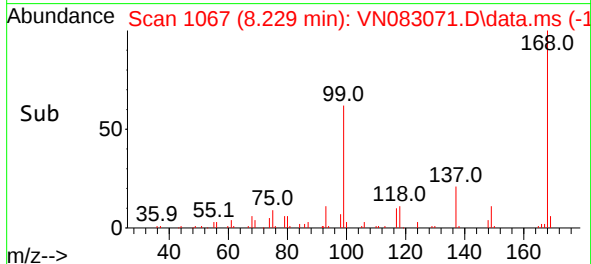
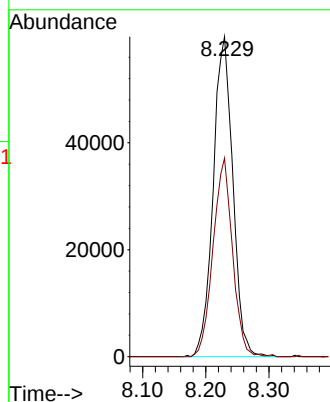
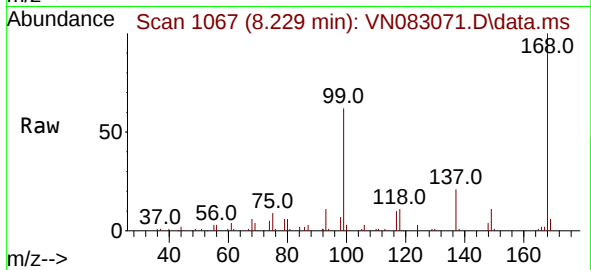




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083071.D
Acq: 30 Jul 2024 16:38

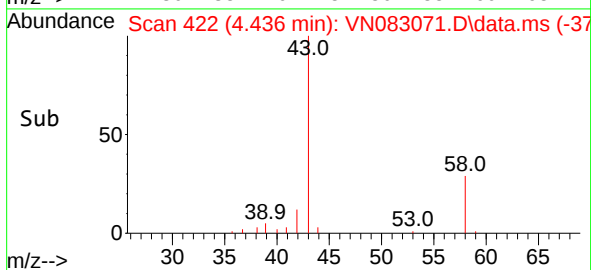
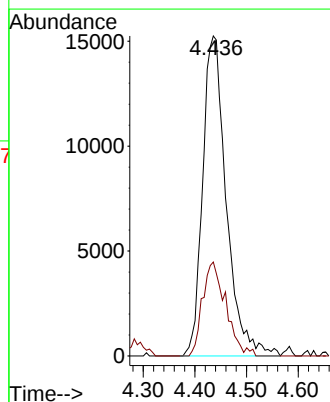
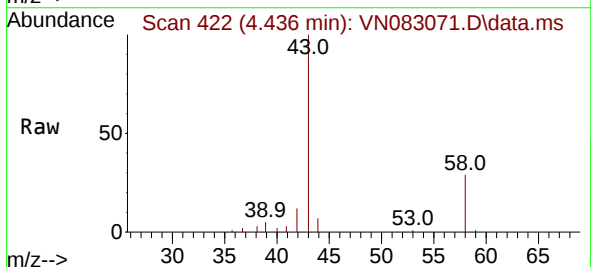
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#01

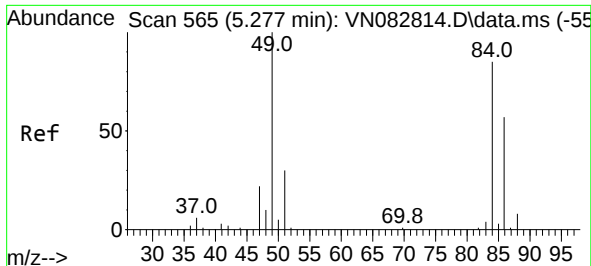
Tgt Ion:168 Resp: 129299
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4



#16
Acetone
Concen: 75.977 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083071.D
Acq: 30 Jul 2024 16:38

Tgt Ion: 43 Resp: 48484
Ion Ratio Lower Upper
43 100
58 29.4 21.8 32.6

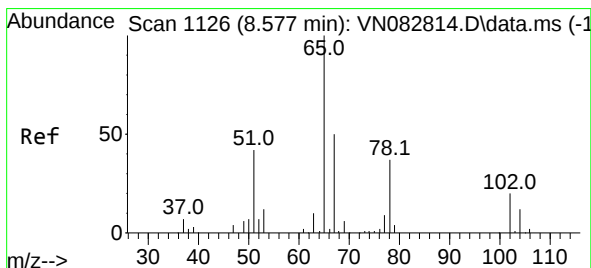
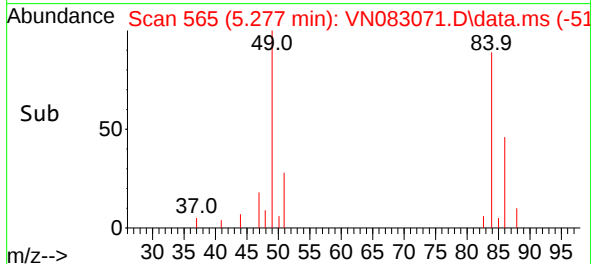
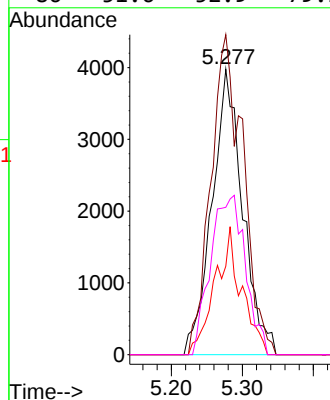
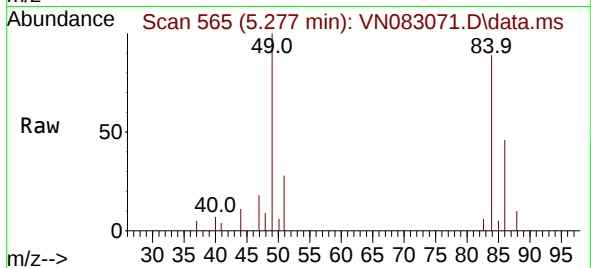




#20
Methylene Chloride
Concen: 7.730 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083071.D
Acq: 30 Jul 2024 16:38

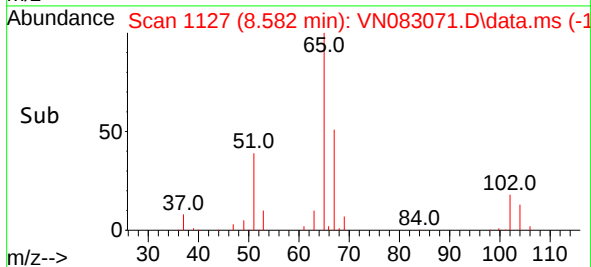
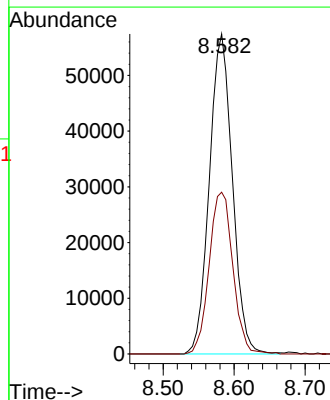
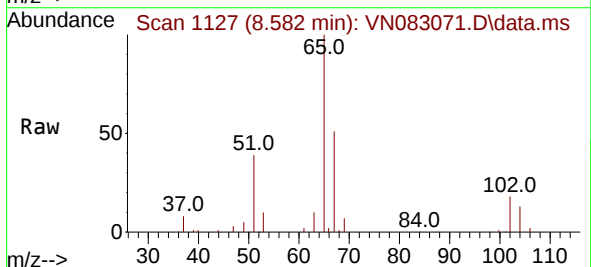
Instrument :
MSVOA_N
ClientSampleId :
PB162324ZHE#01

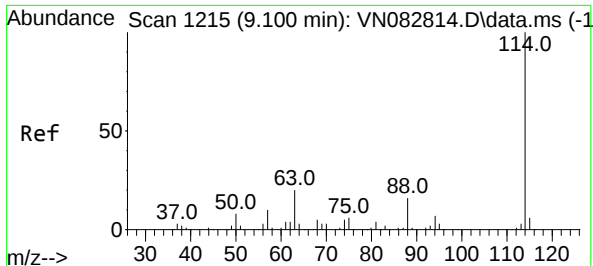
Tgt Ion:	84	Resp:	11913
Ion	Ratio	Lower	Upper
84	100		
49	112.1	119.6	179.4#
51	31.0	34.8	52.2#
86	51.6	52.9	79.3#



#33
1,2-Dichloroethane-d4
Concen: 71.277 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083071.D
Acq: 30 Jul 2024 16:38

Tgt Ion:	65	Resp:	129191
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN083071.D

Acq: 30 Jul 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB162324ZHE#01

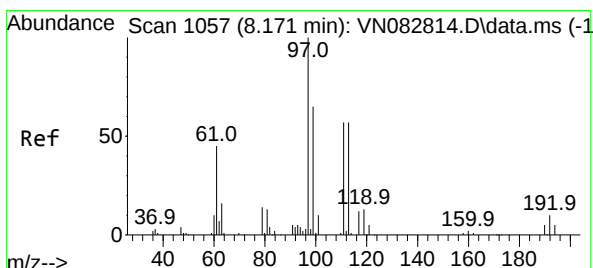
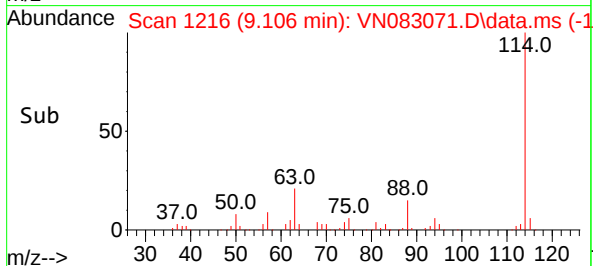
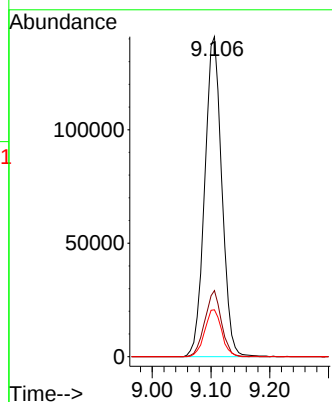
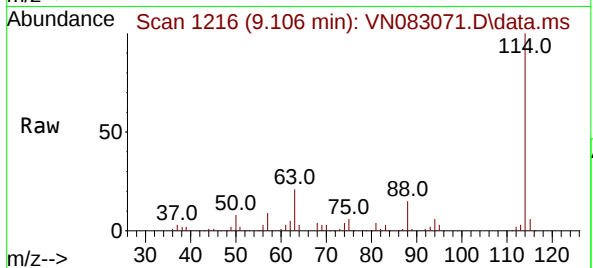
Tgt Ion:114 Resp: 284143

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 59.802 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083071.D

Acq: 30 Jul 2024 16:38

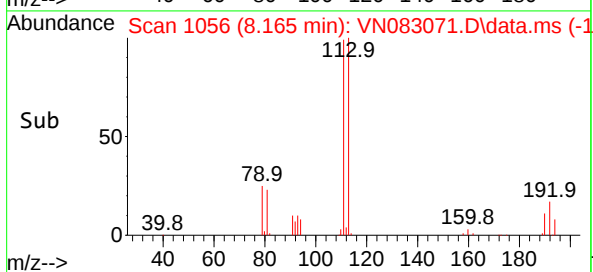
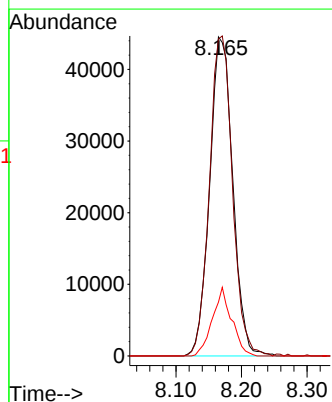
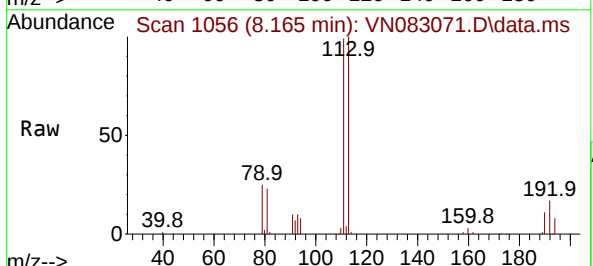
Tgt Ion:113 Resp: 109035

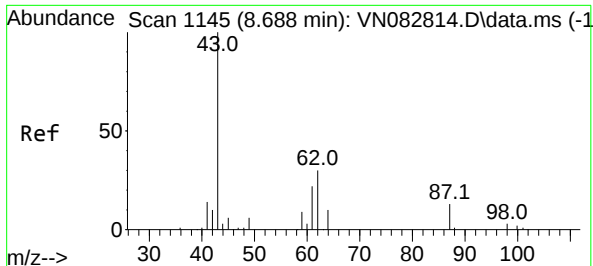
Ion Ratio Lower Upper

113 100

111 99.8 82.4 123.6

192 18.0 14.9 22.3





#43

Isopropyl Acetate

Concen: 48.746 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN083071.D

Acq: 30 Jul 2024 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB162324ZHE#01

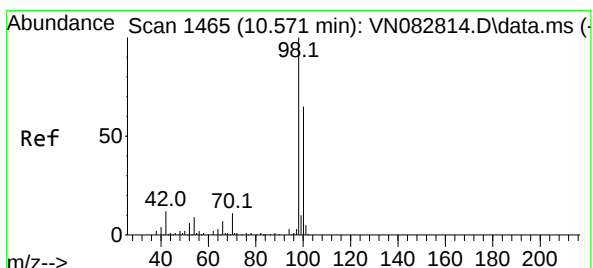
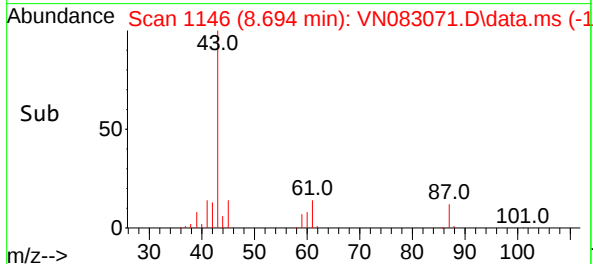
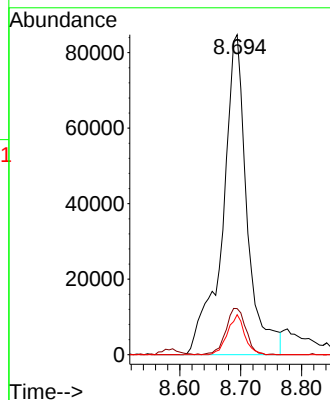
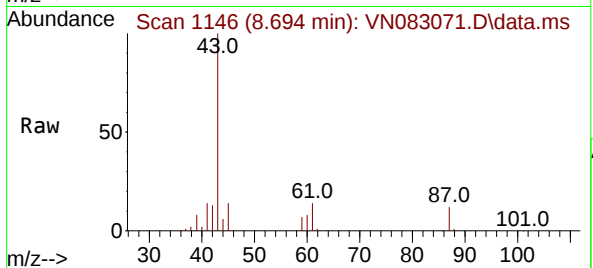
Tgt Ion: 43 Resp: 235594

Ion Ratio Lower Upper

43 100

61 11.9 17.8 26.6#

87 8.8 8.2 12.2



#50

Toluene-d8

Concen: 58.716 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083071.D

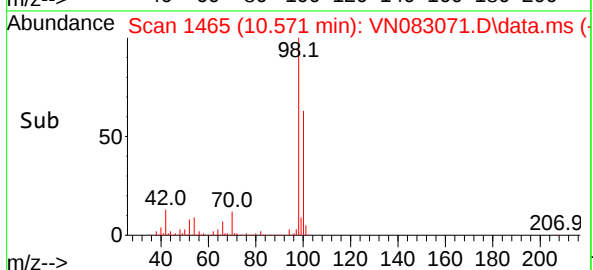
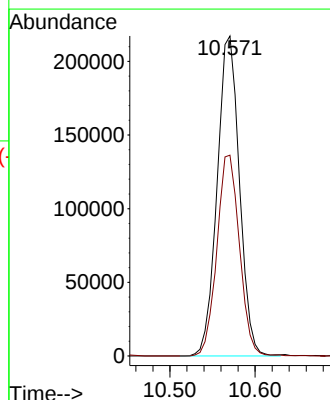
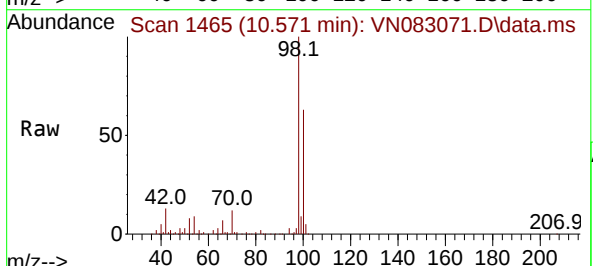
Acq: 30 Jul 2024 16:38

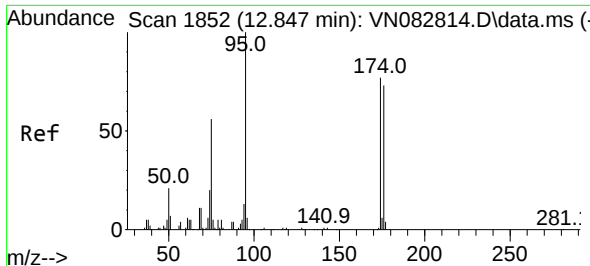
Tgt Ion: 98 Resp: 395407

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3

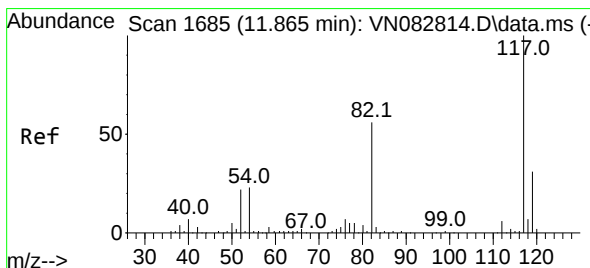
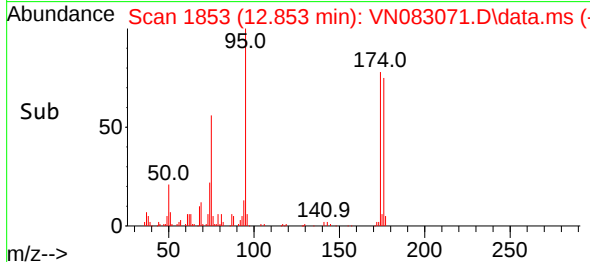
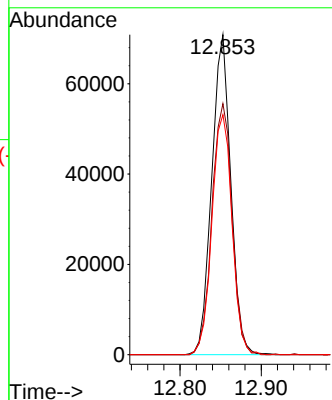
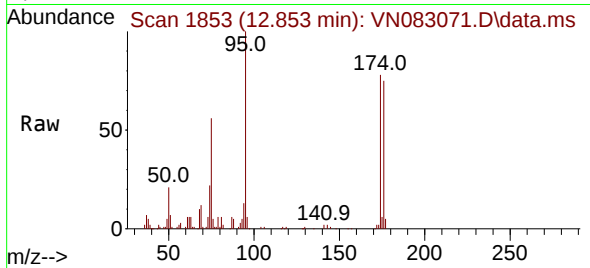




#62
4-Bromofluorobenzene
Concen: 47.664 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083071.D
Acq: 30 Jul 2024 16:38

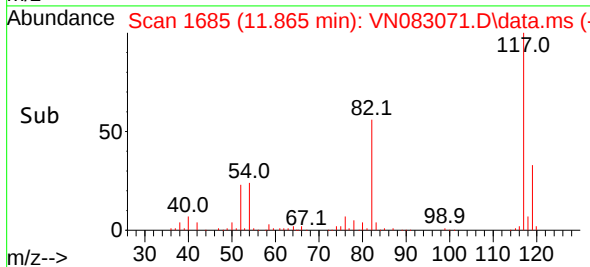
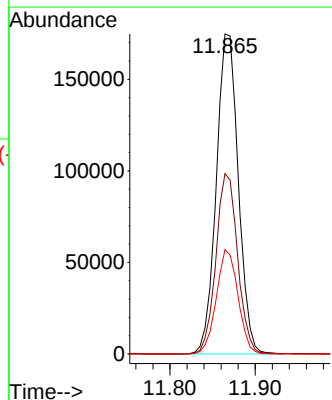
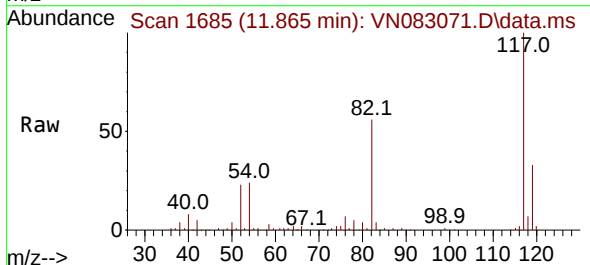
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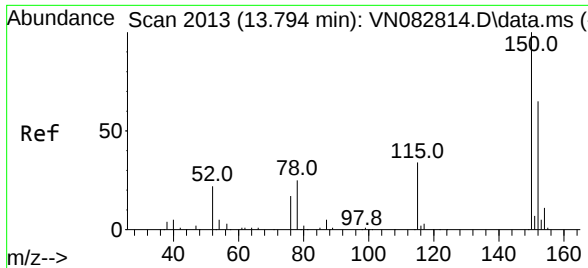
Tgt Ion: 95 Resp: 115300
Ion Ratio Lower Upper
95 100
174 83.4 0.0 159.2
176 79.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083071.D
Acq: 30 Jul 2024 16:38

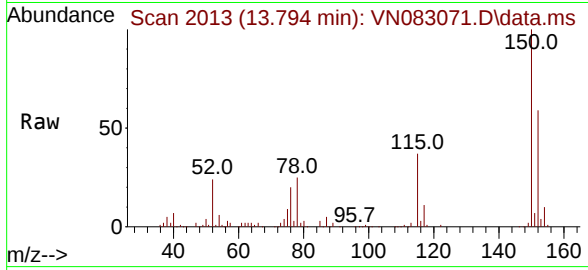
Tgt Ion: 117 Resp: 313771
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 32.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083071.D
 Acq: 30 Jul 2024 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162324ZHE#01



Tgt Ion:	152	Resp:	109155
Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.6	91.6
150	161.9	0.0	348.6

