

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080692.D
 Acq On : 12 Jan 2024 16:08
 Operator : JC\MD
 Sample : PB158389ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158389ZHE#05

Quant Time: Jan 12 22:14:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

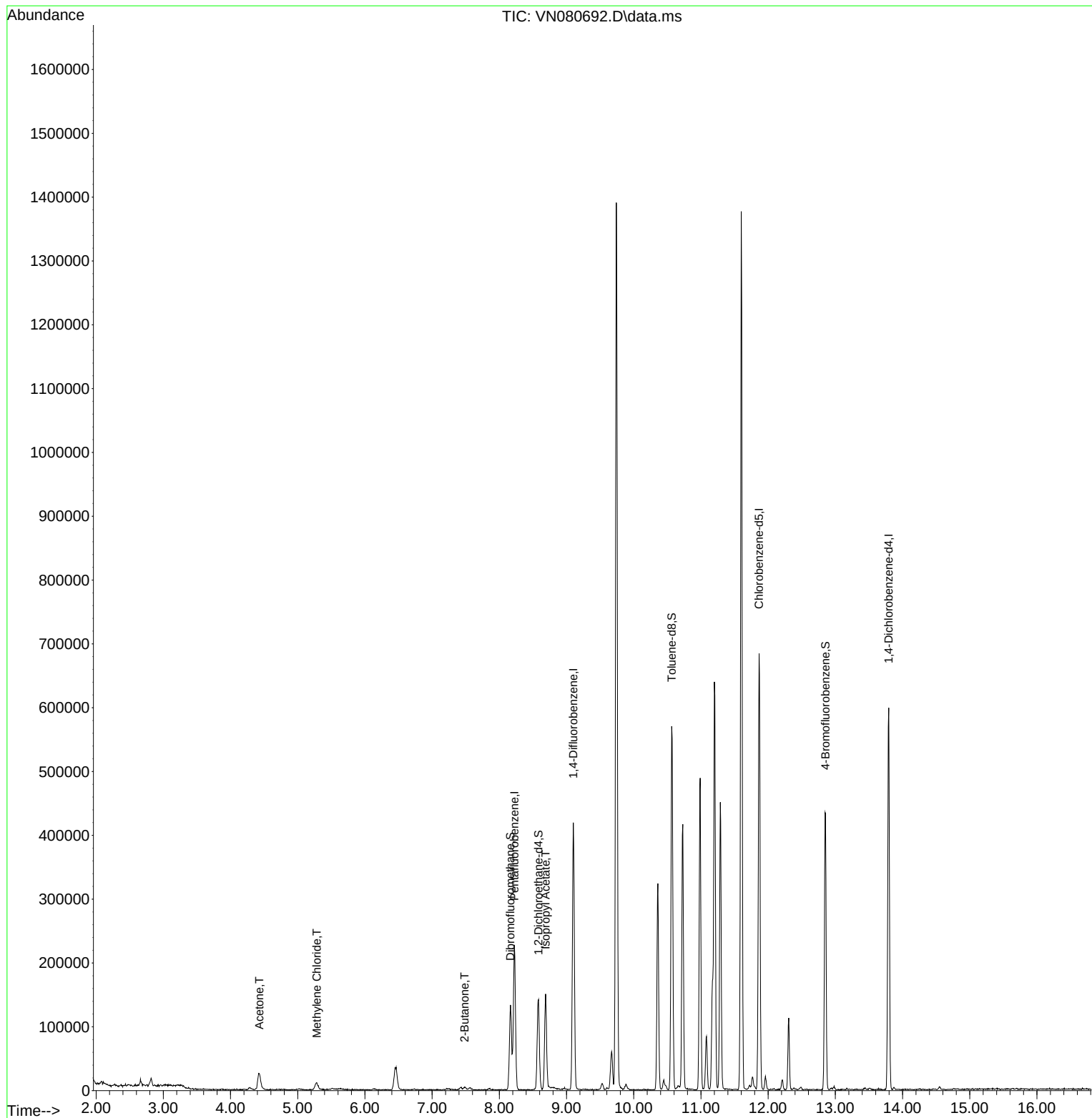
Internal Standards						
1) Pentafluorobenzene	8.224	168	144145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	332111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	356530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	112240	44.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.680%
35) Dibromofluoromethane	8.165	113	89713	47.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	10.565	98	380438	52.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.740%
62) 4-Bromofluorobenzene	12.853	95	159696	57.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.760%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	50466	60.725	ug/l	90
20) Methylene Chloride	5.283	84	7728	3.185	ug/l #	92
25) 2-Butanone	7.483	43	8050	5.359	ug/l #	86
43) Isopropyl Acetate	8.688	43	172834	25.086	ug/l #	82

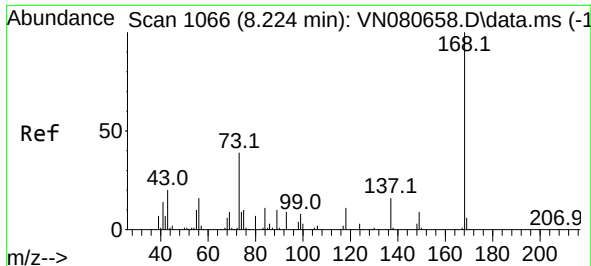
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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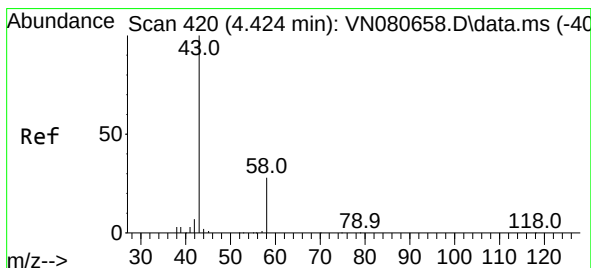
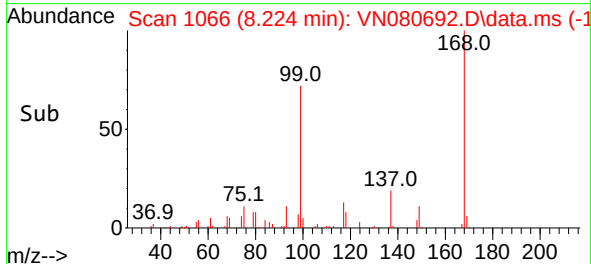
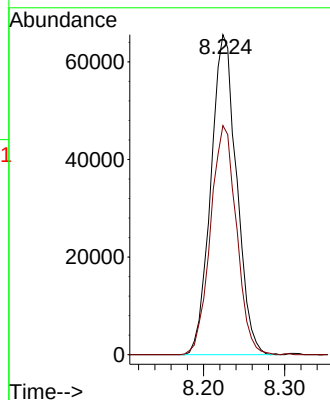
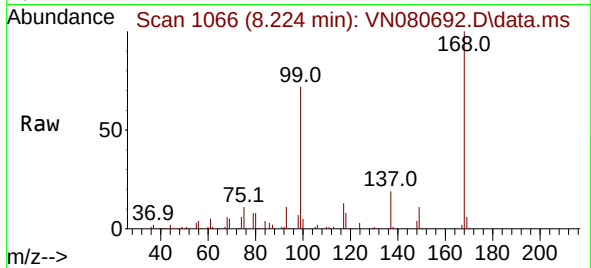




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080692.D
Acq: 12 Jan 2024 16:08

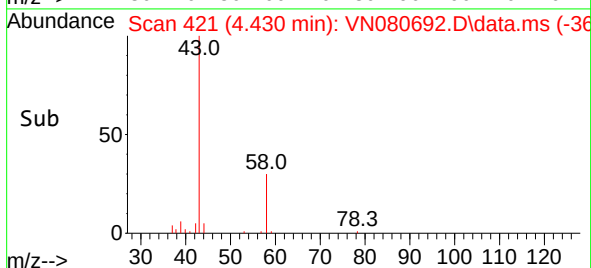
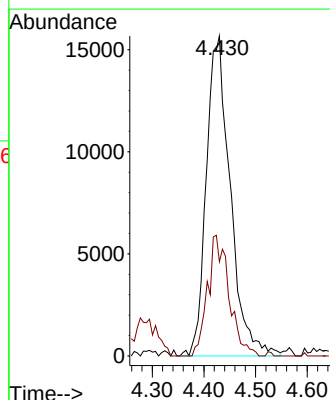
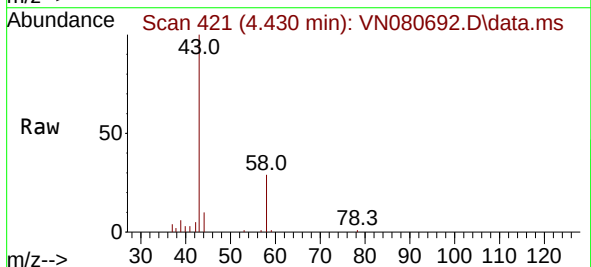
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#05

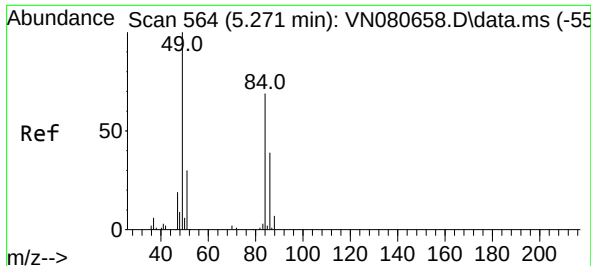
Tgt Ion:168 Resp: 144145
Ion Ratio Lower Upper
168 100
99 71.6 53.0 79.6



#16
Acetone
Concen: 60.725 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080692.D
Acq: 12 Jan 2024 16:08

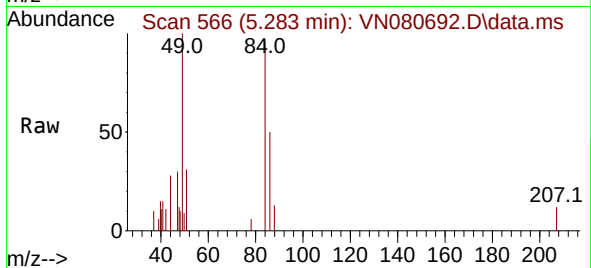
Tgt Ion: 43 Resp: 50466
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0



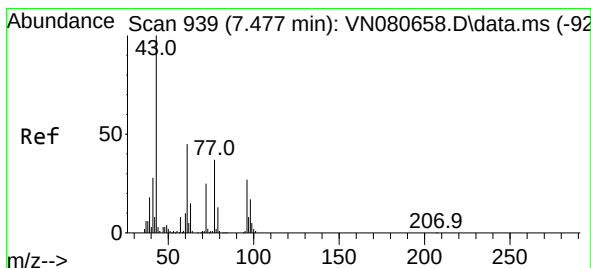
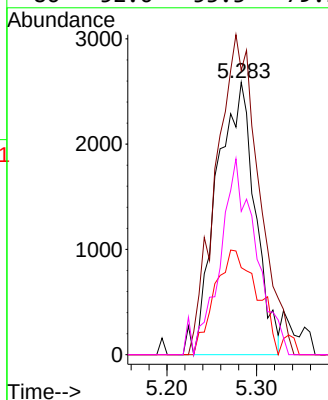
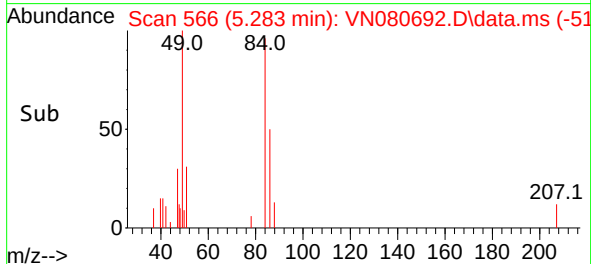


#20
Methylene Chloride
Concen: 3.185 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080692.D
Acq: 12 Jan 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#05

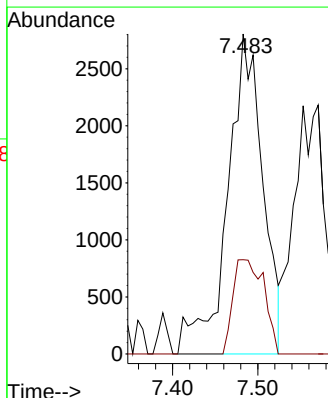
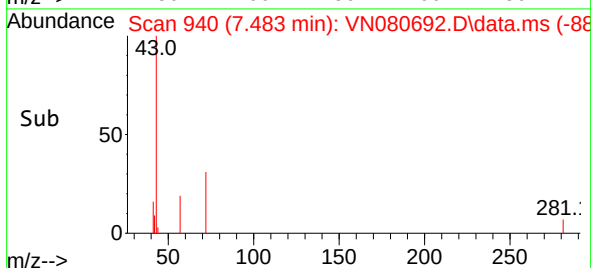
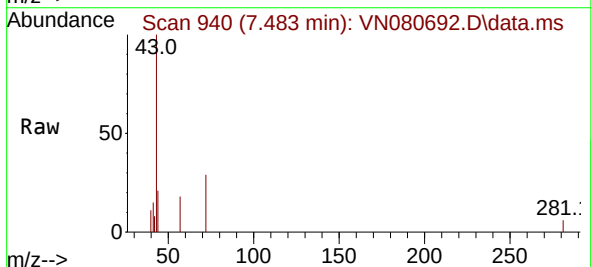


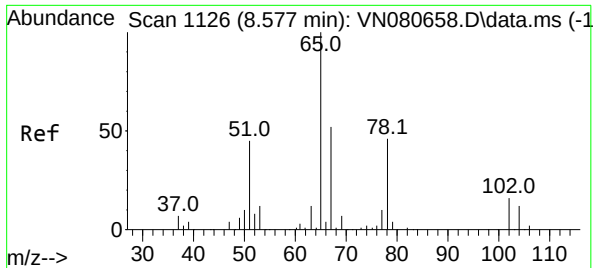
Tgt Ion:	84	Resp:	7728
Ion	Ratio	Lower	Upper
84	100		
49	104.4	79.7	119.5
51	32.0	25.2	37.8
86	52.6	53.3	79.9#



#25
2-Butanone
Concen: 5.359 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080692.D
Acq: 12 Jan 2024 16:08

Tgt Ion:	43	Resp:	8050
Ion	Ratio	Lower	Upper
43	100		
72	29.4	30.2	45.2#

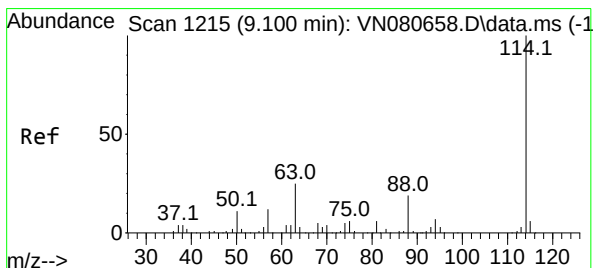
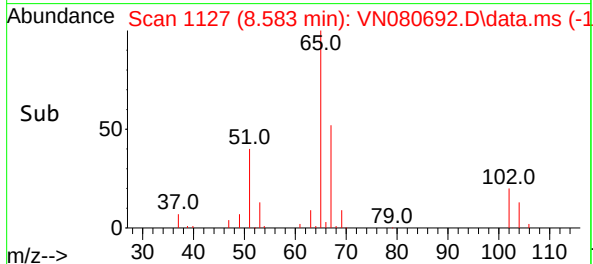
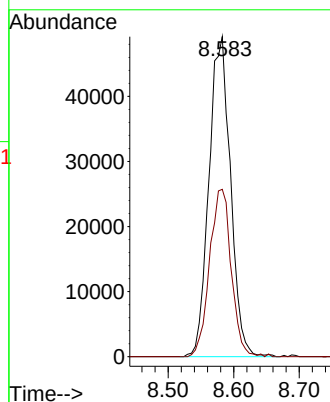
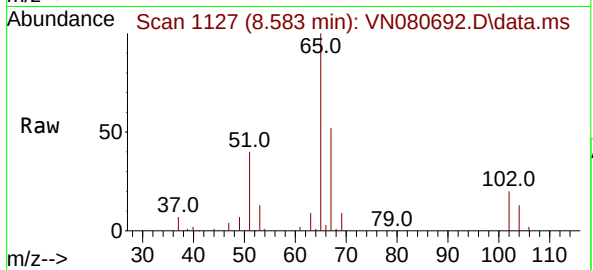




#33
 1,2-Dichloroethane-d4
 Concen: 44.340 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN080692.D
 Acq: 12 Jan 2024 16:08

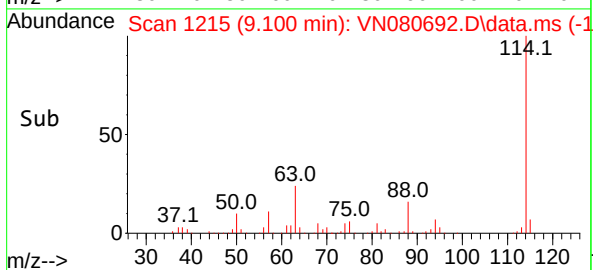
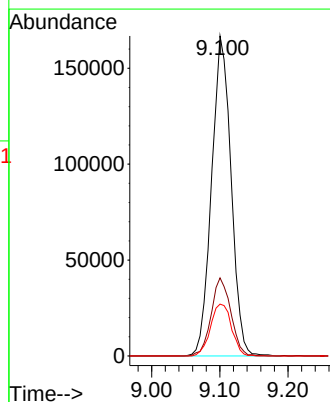
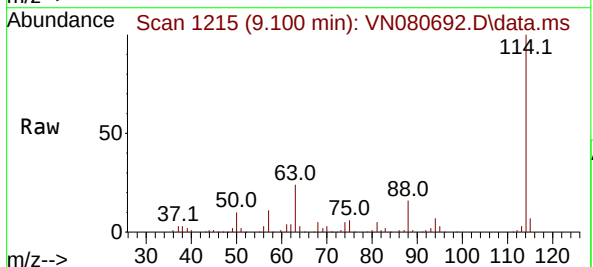
Instrument :
 MSVOA_N
 ClientSampleId :
 PB158389ZHE#05

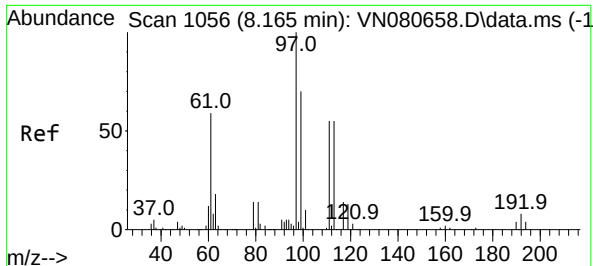
Tgt Ion: 65 Resp: 112240
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN080692.D
 Acq: 12 Jan 2024 16:08

Tgt Ion: 114 Resp: 332111
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 36.4
 88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.543 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN080692.D

Acq: 12 Jan 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

PB158389ZHE#05

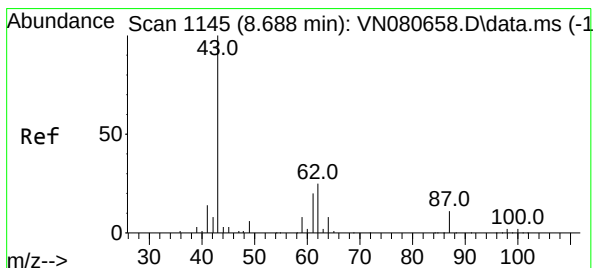
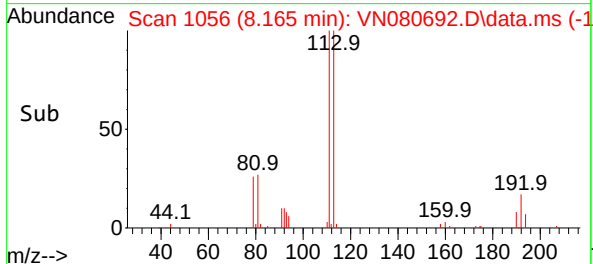
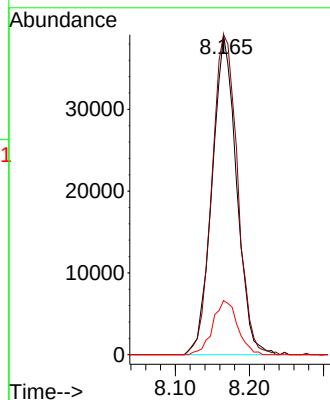
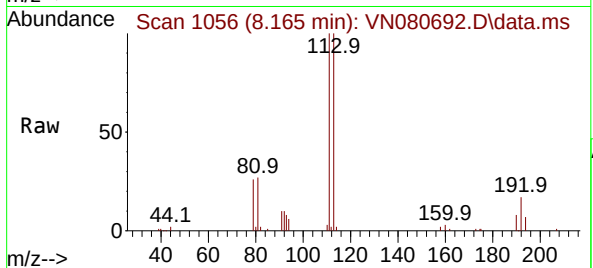
Tgt Ion:113 Resp: 89713

Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.2 12.7 19.1



#43

Isopropyl Acetate

Concen: 25.086 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080692.D

Acq: 12 Jan 2024 16:08

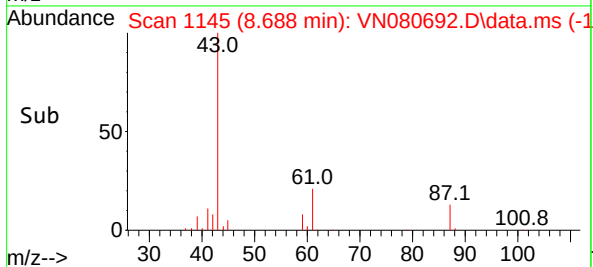
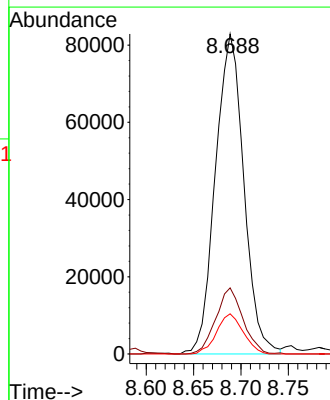
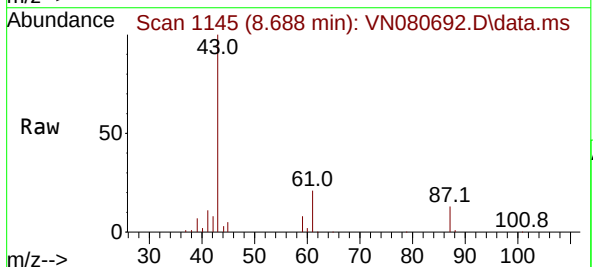
Tgt Ion: 43 Resp: 172834

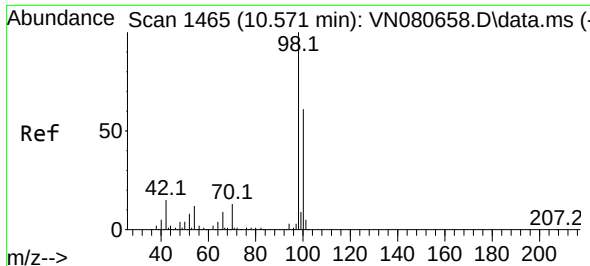
Ion Ratio Lower Upper

43 100

61 19.7 24.7 37.1#

87 11.7 14.6 21.8#

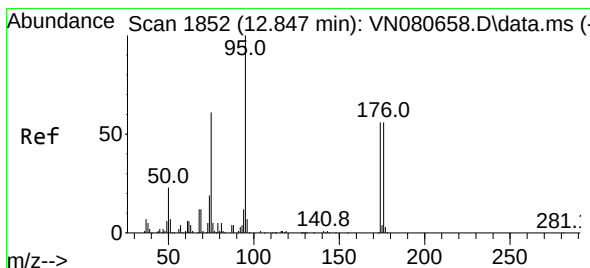
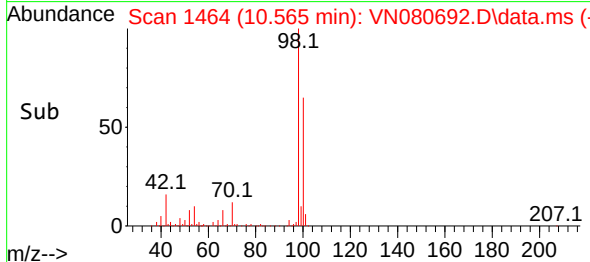
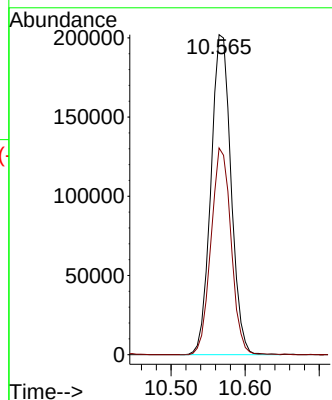
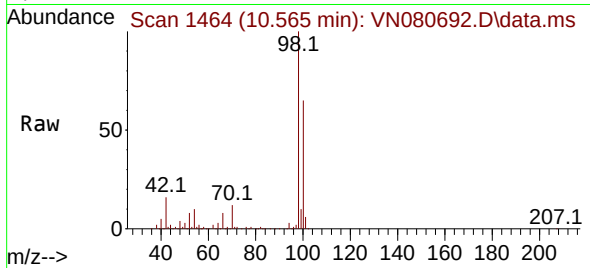




#50
Toluene-d8
Concen: 52.874 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080692.D
Acq: 12 Jan 2024 16:08

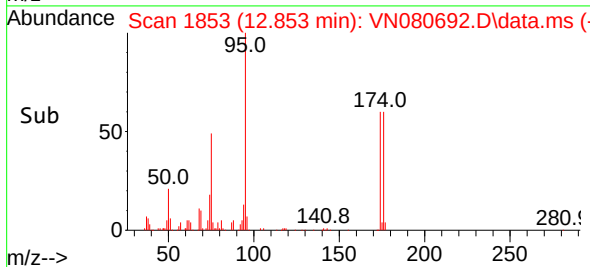
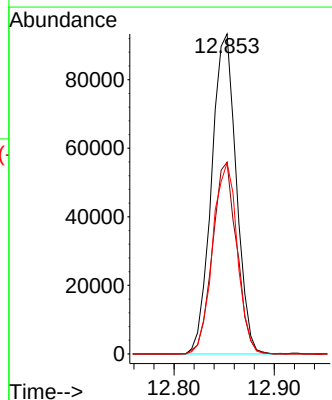
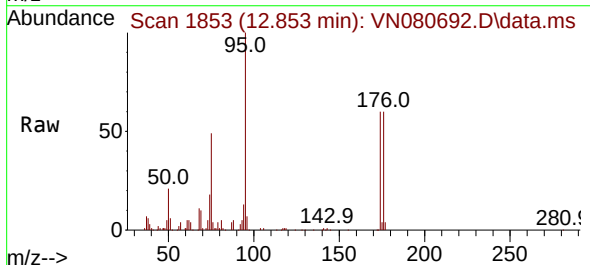
Instrument :
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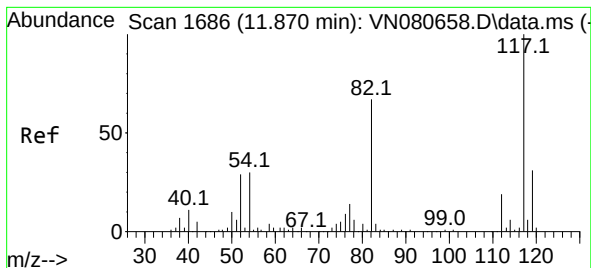
Tgt Ion: 98 Resp: 380438
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.878 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080692.D
Acq: 12 Jan 2024 16:08

Tgt Ion: 95 Resp: 159696
Ion Ratio Lower Upper
95 100
174 59.1 0.0 143.8
176 59.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080692.D

Acq: 12 Jan 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

PB158389ZHE#05

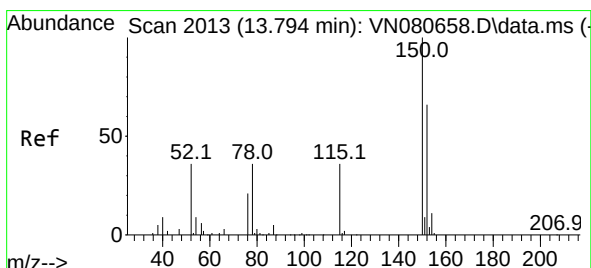
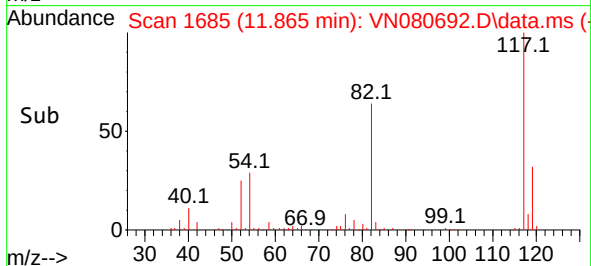
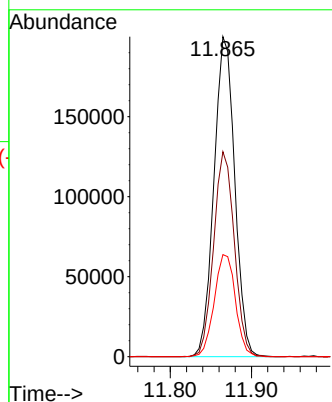
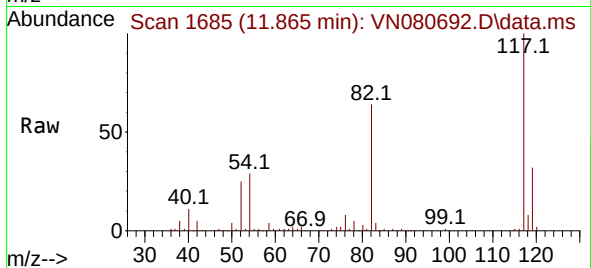
Tgt Ion:117 Resp: 356530

Ion Ratio Lower Upper

117 100

82 64.1 44.0 66.0

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080692.D

Acq: 12 Jan 2024 16:08

Tgt Ion:152 Resp: 141050

Ion Ratio Lower Upper

152 100

115 68.4 32.3 96.8

150 158.5 0.0 355.8

