

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011224\
 Data File : VN080688.D
 Acq On : 12 Jan 2024 14:33
 Operator : JC\MD
 Sample : PB158389ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158389ZHE#01

Quant Time: Jan 12 22:12:42 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)

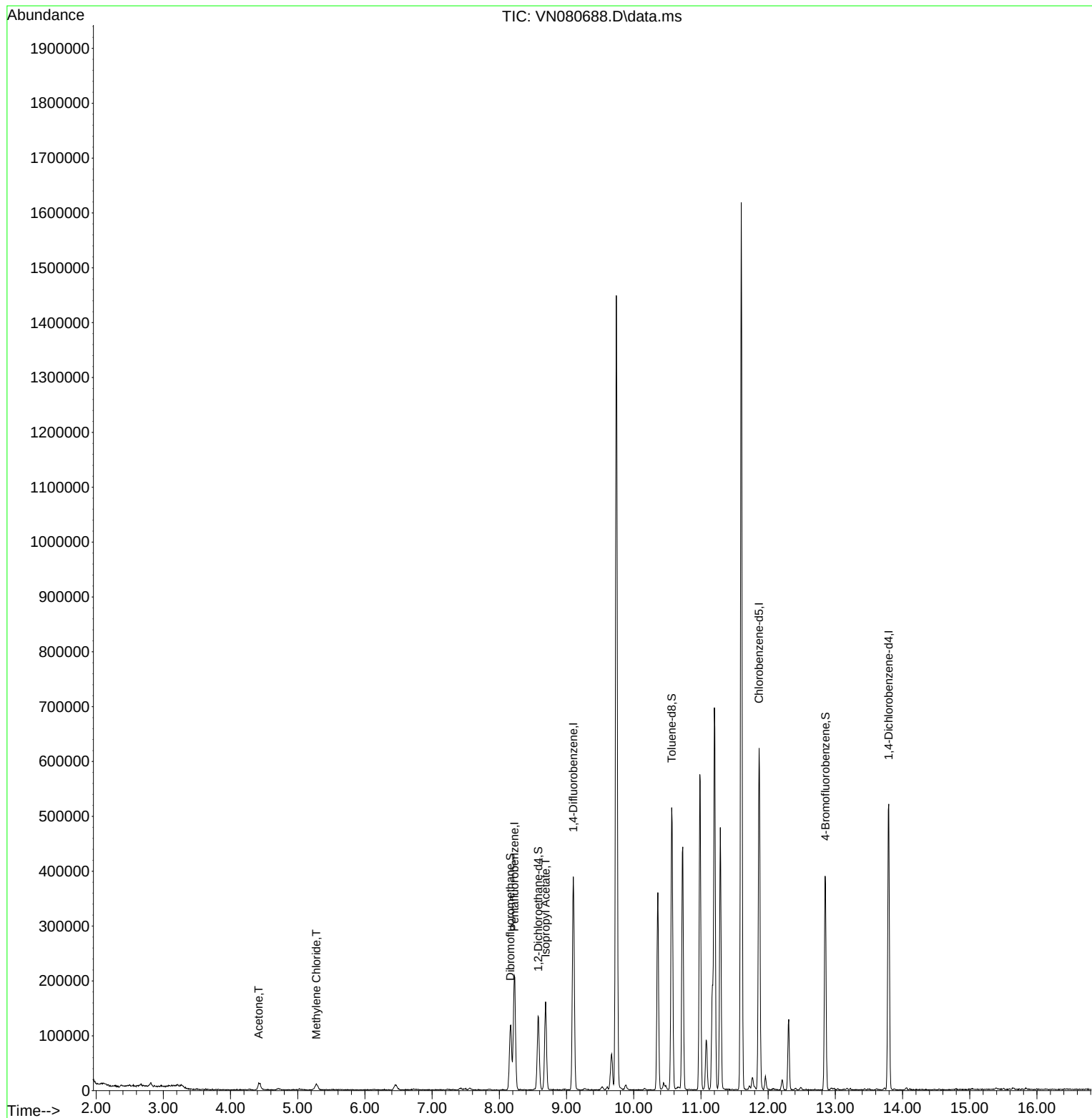
Internal Standards						
1) Pentafluorobenzene	8.224	168	137185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101026	41.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.880%
35) Dibromofluoromethane	8.165	113	83706	47.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	10.565	98	340967	50.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.853	95	141248	54.311	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.620%
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	25487	32.224	ug/l	92
20) Methylene Chloride	5.277	84	7953	3.444	ug/l #	69
43) Isopropyl Acetate	8.688	43	182587	28.116	ug/l #	80

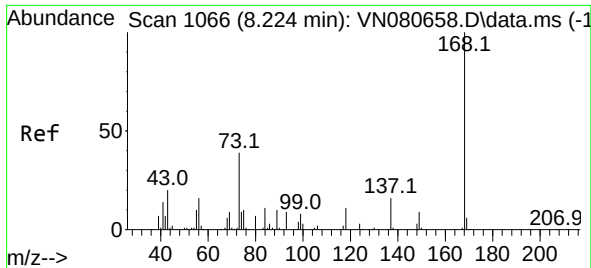
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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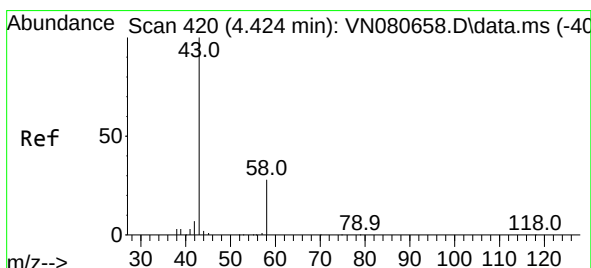
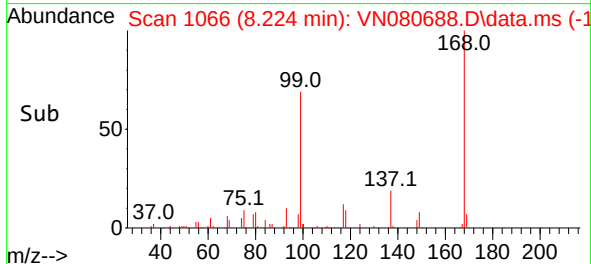
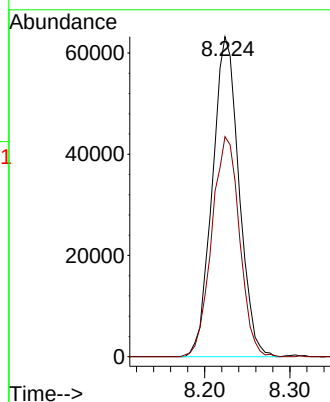
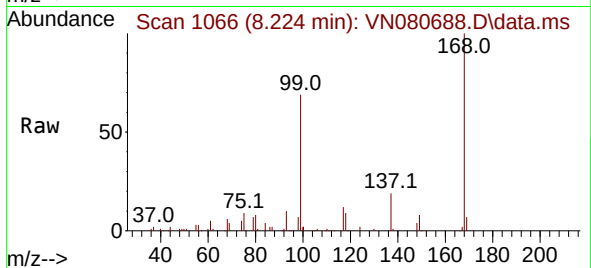




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080688.D
Acq: 12 Jan 2024 14:33

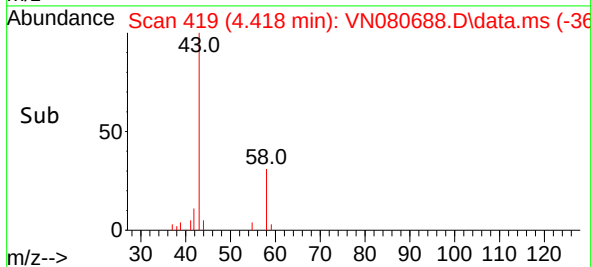
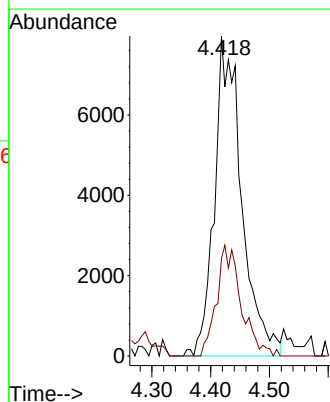
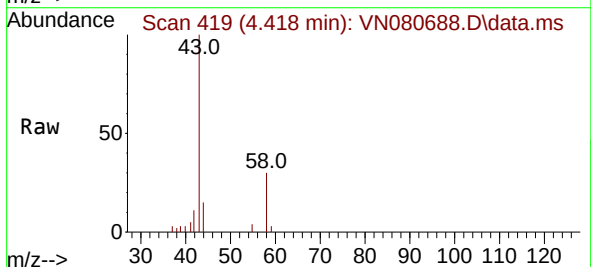
Instrument :
MSVOA_N
ClientSampleId :
PB158389ZHE#01

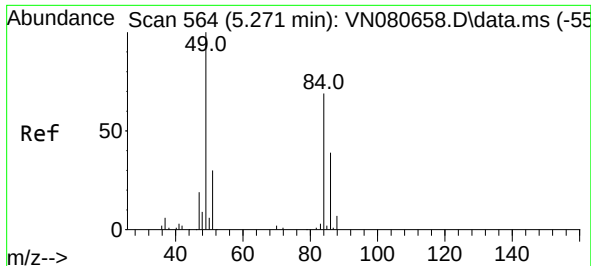
Tgt Ion:168 Resp: 137185
Ion Ratio Lower Upper
168 100
99 68.7 53.0 79.6



#16
Acetone
Concen: 32.224 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080688.D
Acq: 12 Jan 2024 14:33

Tgt Ion: 43 Resp: 25487
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0





#20

Methylene Chloride

Concen: 3.444 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN080688.D

Acq: 12 Jan 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB158389ZHE#01

Tgt Ion: 84 Resp: 7953

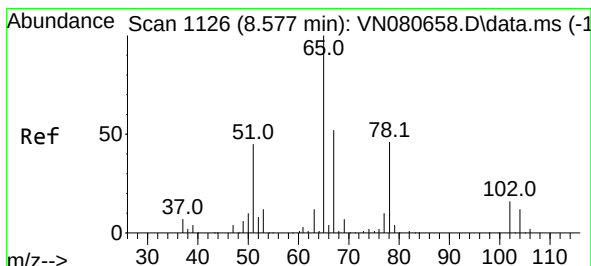
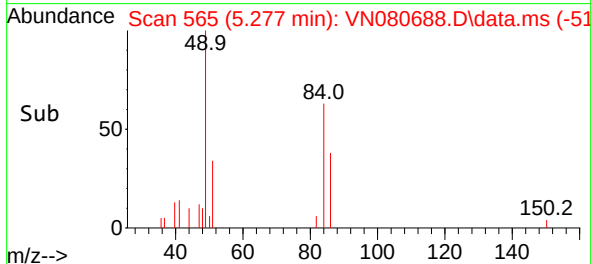
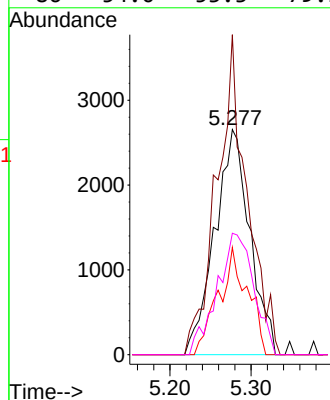
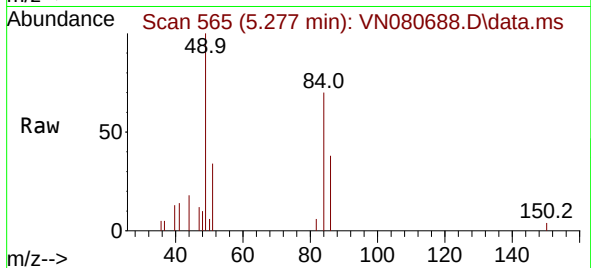
Ion Ratio Lower Upper

84 100

49 142.2 79.7 119.5#

51 47.6 25.2 37.8#

86 54.0 53.3 79.9



#33

1,2-Dichloroethane-d4

Concen: 41.935 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080688.D

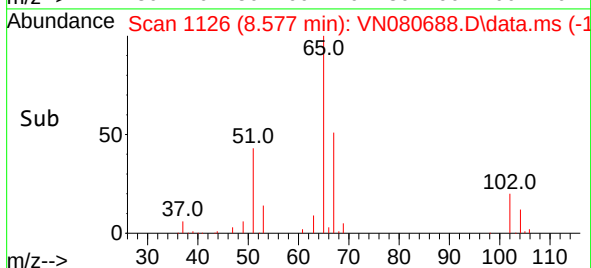
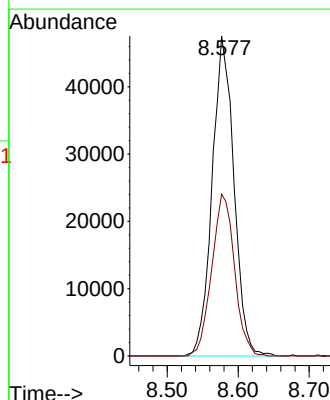
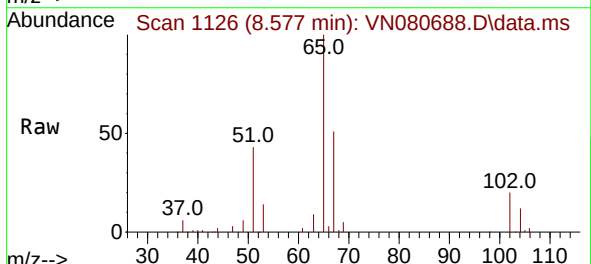
Acq: 12 Jan 2024 14:33

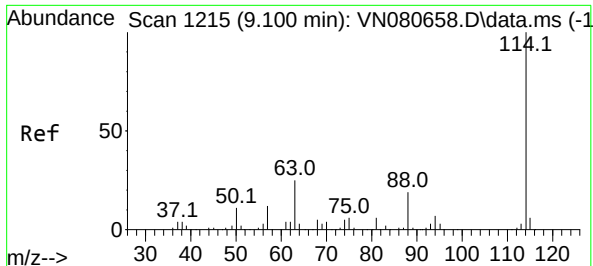
Tgt Ion: 65 Resp: 101026

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080688.D

Acq: 12 Jan 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB158389ZHE#01

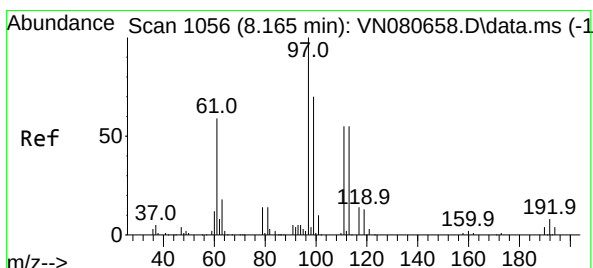
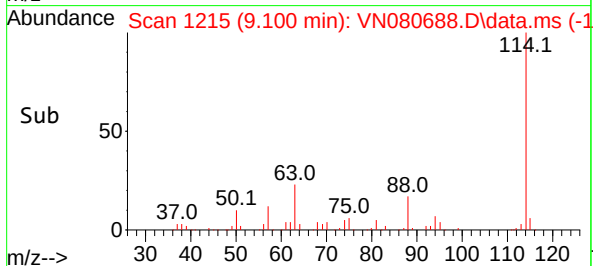
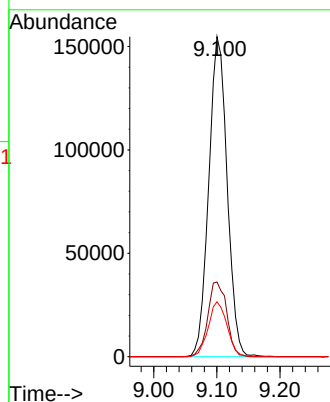
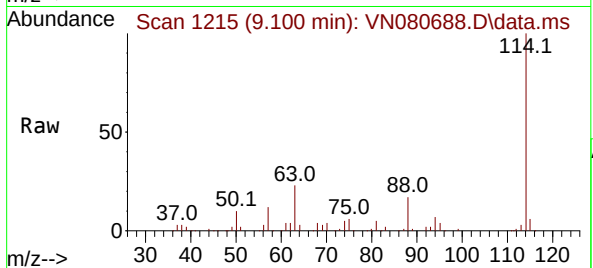
Tgt Ion:114 Resp: 313038

Ion Ratio Lower Upper

114 100

63 23.3 0.0 36.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.063 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080688.D

Acq: 12 Jan 2024 14:33

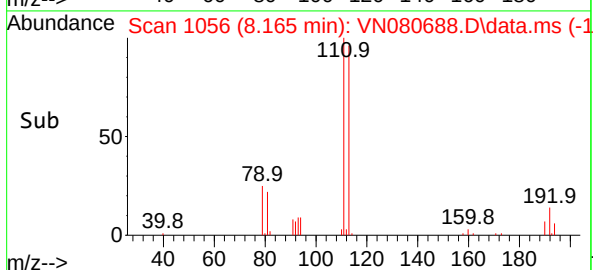
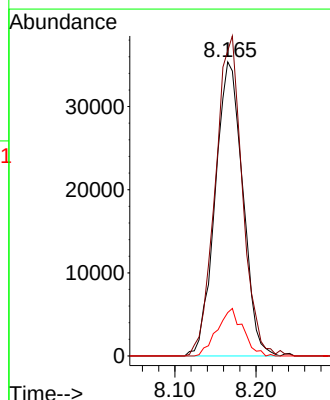
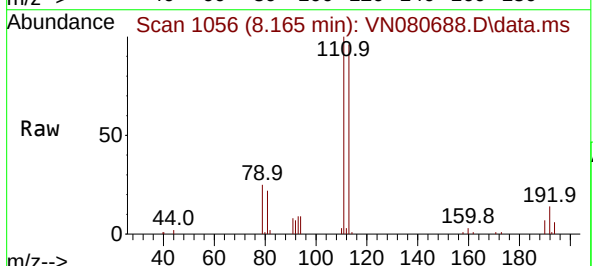
Tgt Ion:113 Resp: 83706

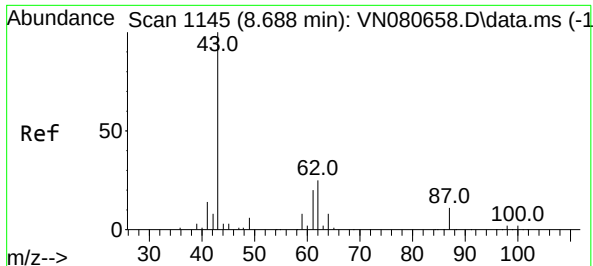
Ion Ratio Lower Upper

113 100

111 106.7 82.6 123.8

192 15.1 12.7 19.1

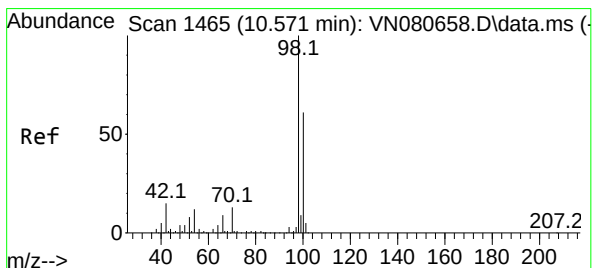
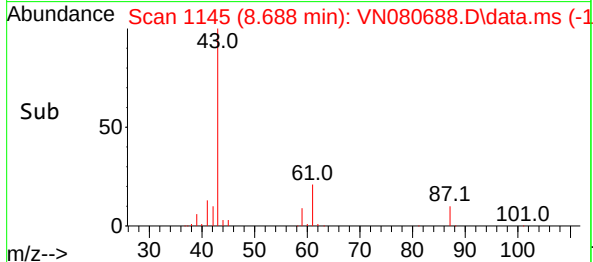
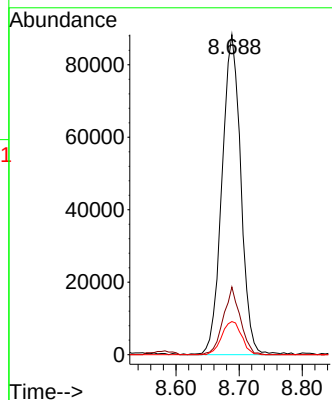
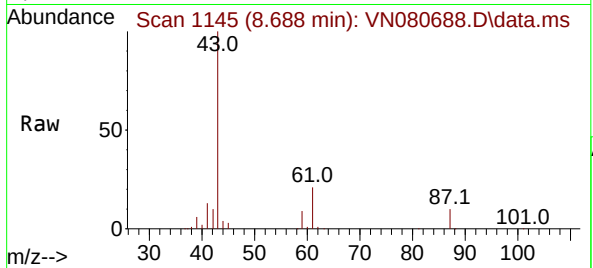




#43
Isopropyl Acetate
Concen: 28.116 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080688.D
Acq: 12 Jan 2024 14:33

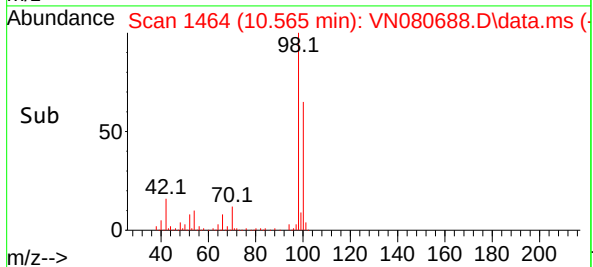
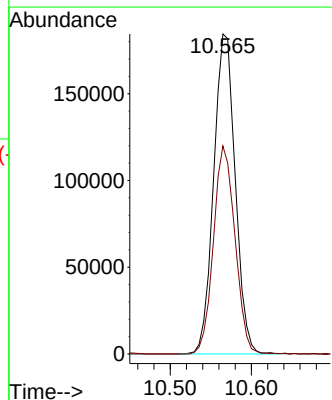
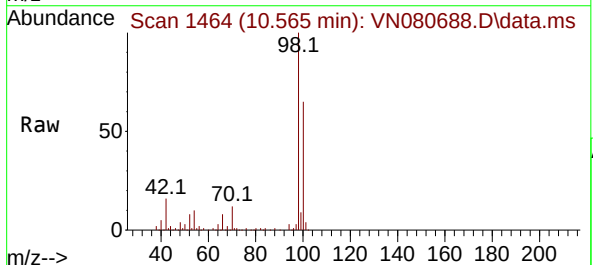
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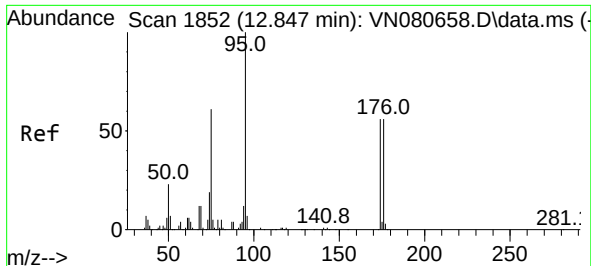
Tgt Ion: 43 Resp: 182587
Ion Ratio Lower Upper
43 100
61 19.1 24.7 37.1#
87 10.9 14.6 21.8#



#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080688.D
Acq: 12 Jan 2024 14:33

Tgt Ion: 98 Resp: 340967
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

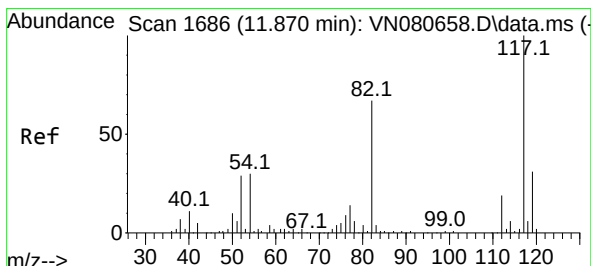
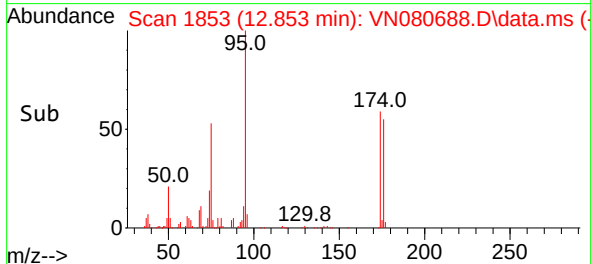
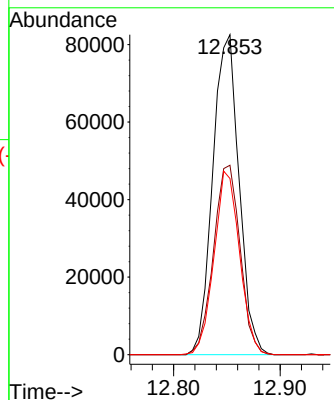
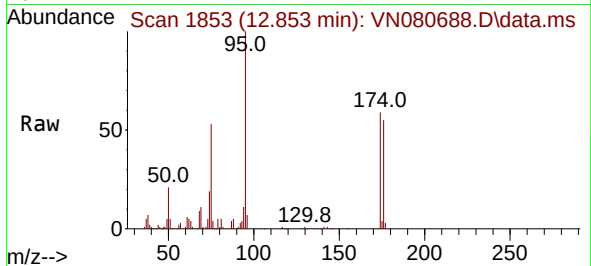




#62
4-Bromofluorobenzene
Concen: 54.311 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080688.D
Acq: 12 Jan 2024 14:33

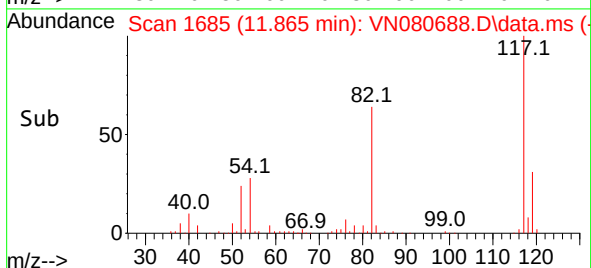
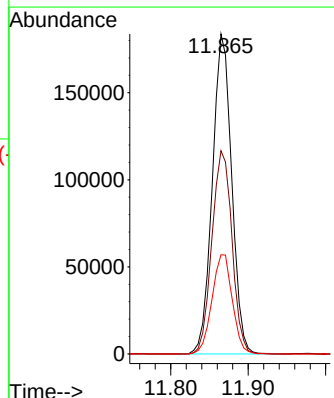
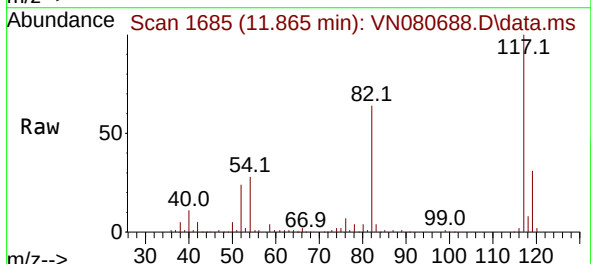
Instrument :
MSVOA_N
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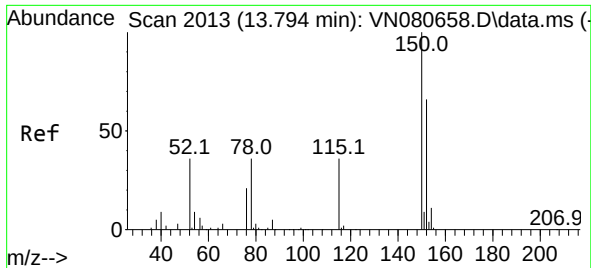
Tgt Ion: 95 Resp: 141248
Ion Ratio Lower Upper
95 100
174 59.9 0.0 143.8
176 55.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080688.D
Acq: 12 Jan 2024 14:33

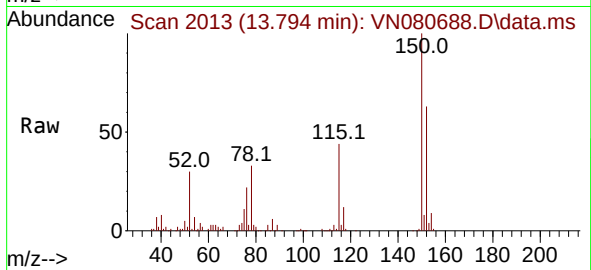
Tgt Ion: 117 Resp: 318231
Ion Ratio Lower Upper
117 100
82 63.5 44.0 66.0
119 31.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080688.D
 Acq: 12 Jan 2024 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB158389ZHE#01



Tgt Ion:152 Resp: 126314
 Ion Ratio Lower Upper
 152 100
 115 68.9 32.3 96.8
 150 157.5 0.0 355.8

