

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080846.D
 Acq On : 31 Jan 2024 17:31
 Operator : JC\MD
 Sample : P1277-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-40

Quant Time: Jan 31 23:20:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

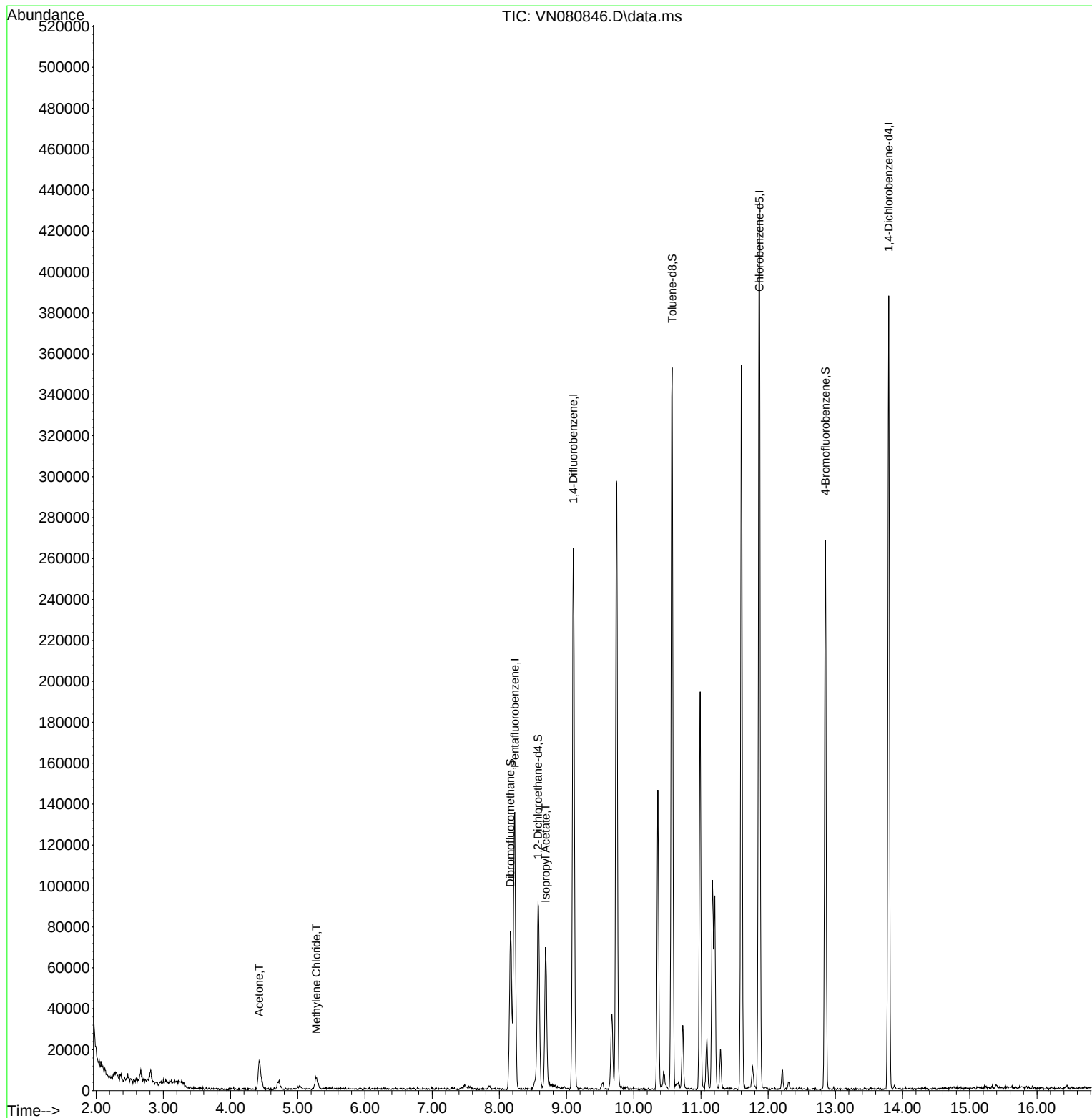
Internal Standards						
1) Pentafluorobenzene	8.229	168	86053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	206018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	217963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72995	49.033	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	8.165	113	53835	42.712	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.420%
50) Toluene-d8	10.570	98	231459	46.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.853	95	91378	53.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.300%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	26540	49.156	ug/l	96
20) Methylene Chloride	5.277	84	3551	2.506	ug/l #	74
43) Isopropyl Acetate	8.688	43	81644	18.594	ug/l #	88

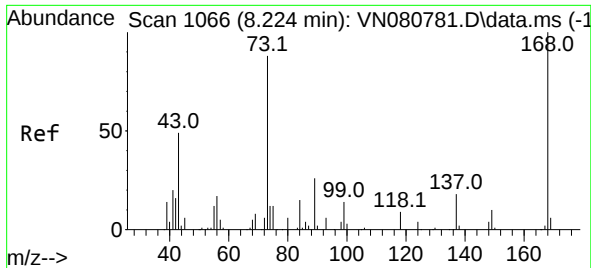
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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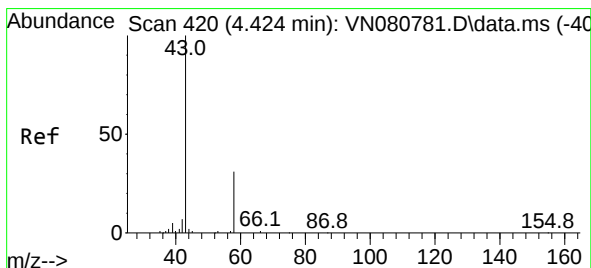
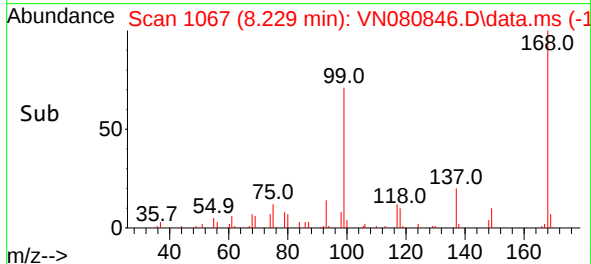
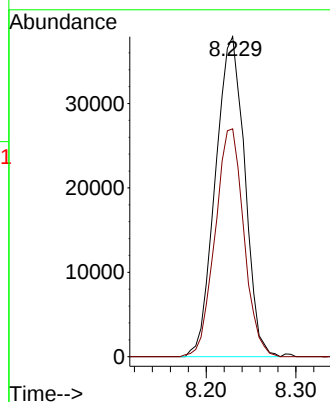
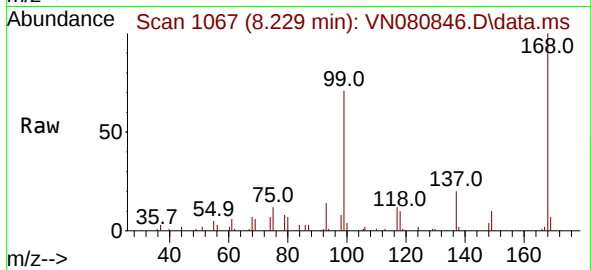




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

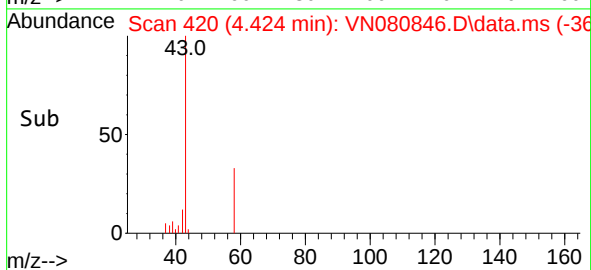
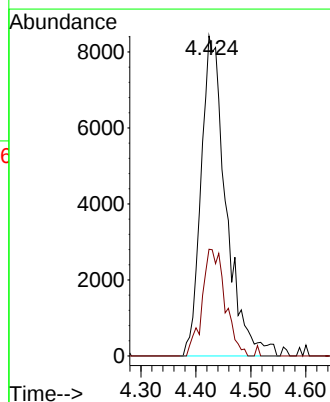
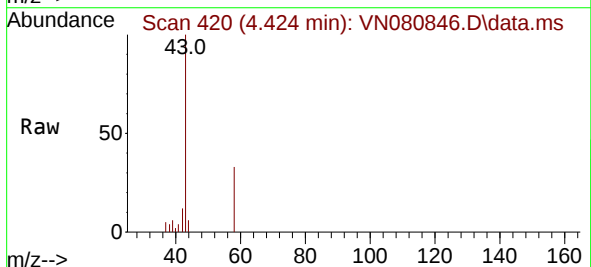
Instrument :
MSVOA_N
ClientSampleId :
TP-40

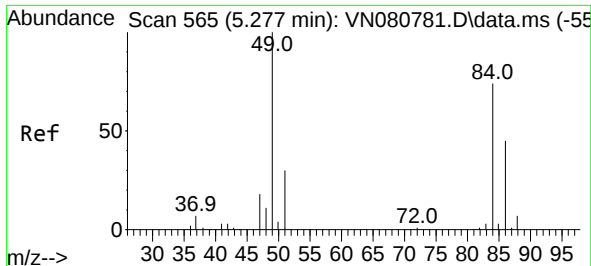
Tgt Ion:168 Resp: 86053
Ion Ratio Lower Upper
168 100
99 71.2 59.9 89.9



#16
Acetone
Concen: 49.156 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 43 Resp: 26540
Ion Ratio Lower Upper
43 100
58 33.3 24.8 37.2

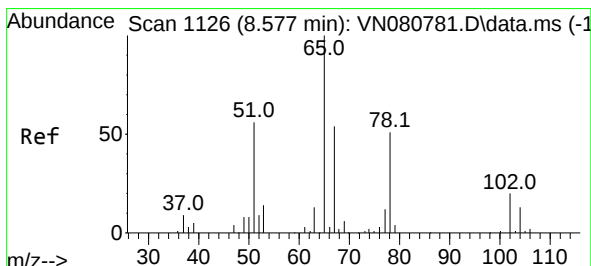
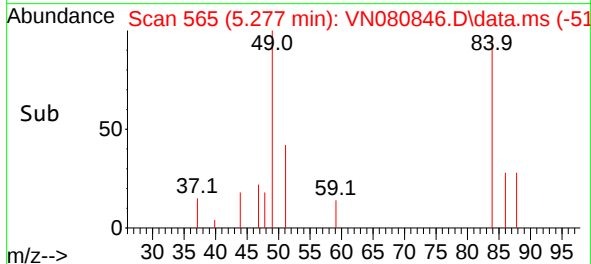
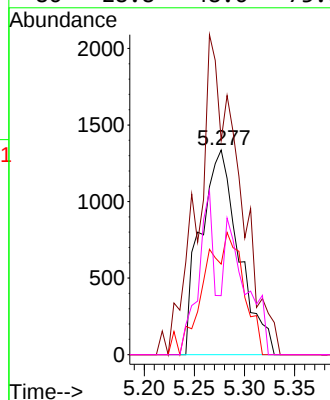
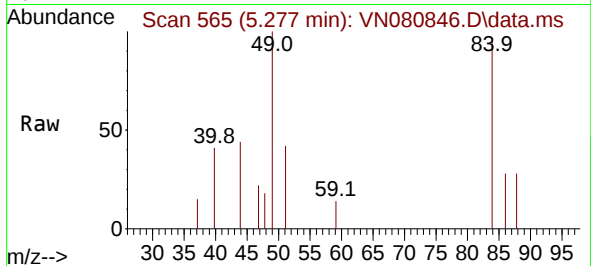




#20
Methylene Chloride
Concen: 2.506 ug/l
RT: 5.277 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

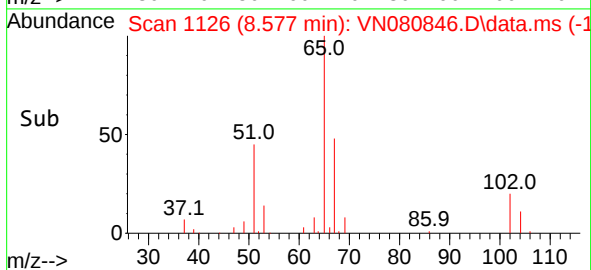
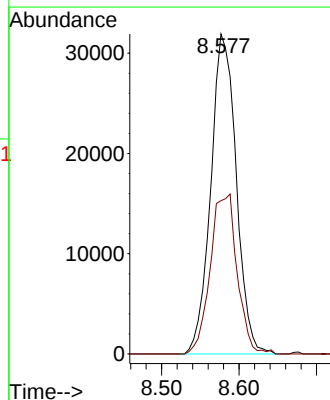
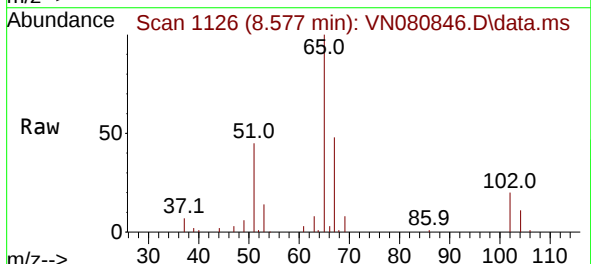
Instrument :
MSVOA_N
ClientSampleId :
TP-40

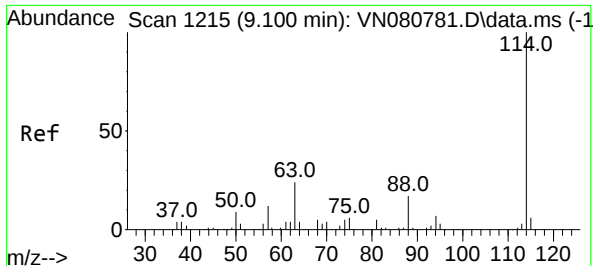
Tgt Ion: 84	Resp: 3551
Ion Ratio	Lower Upper
84 100	
49 104.8	108.1 162.1#
51 44.2	32.9 49.3
86 28.8	48.6 73.0#



#33
1,2-Dichloroethane-d4
Concen: 49.033 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 65	Resp: 72995
Ion Ratio	Lower Upper
65 100	
67 52.7	0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080846.D

Acq: 31 Jan 2024 17:31

Instrument :

MSVOA_N

ClientSampleId :

TP-40

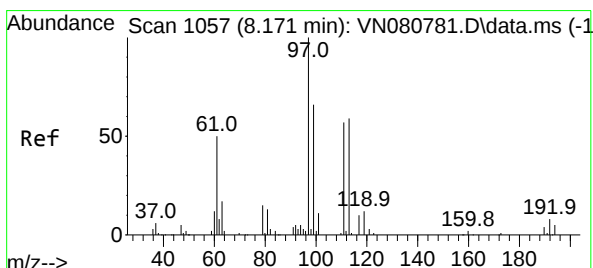
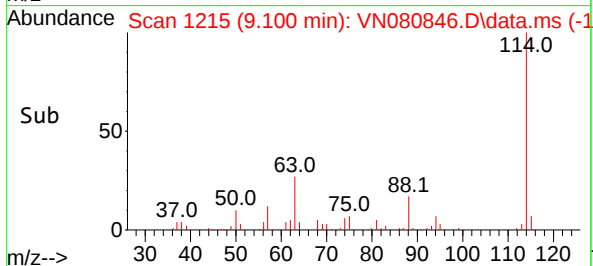
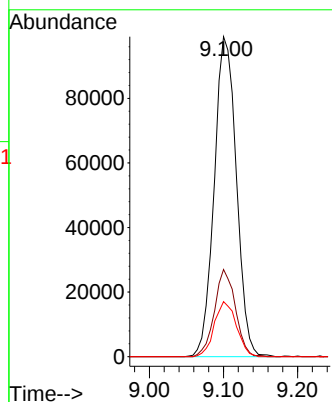
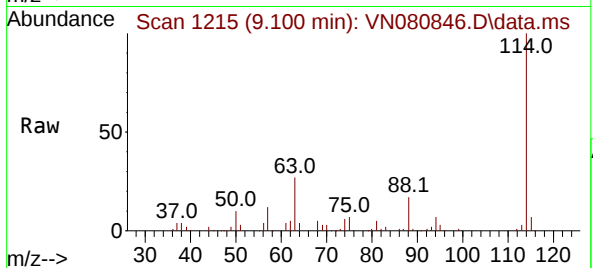
Tgt Ion:114 Resp: 206018

Ion Ratio Lower Upper

114 100

63 27.3 0.0 48.0

88 17.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 42.712 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080846.D

Acq: 31 Jan 2024 17:31

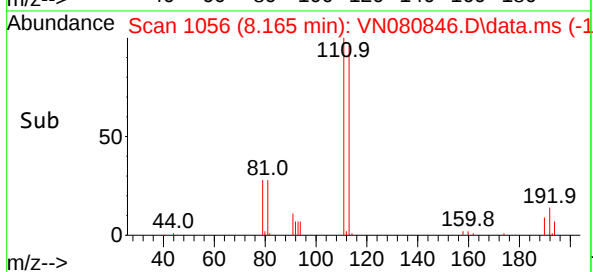
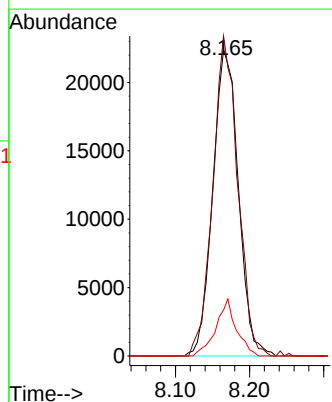
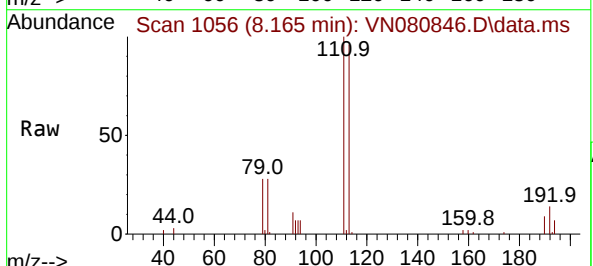
Tgt Ion:113 Resp: 53835

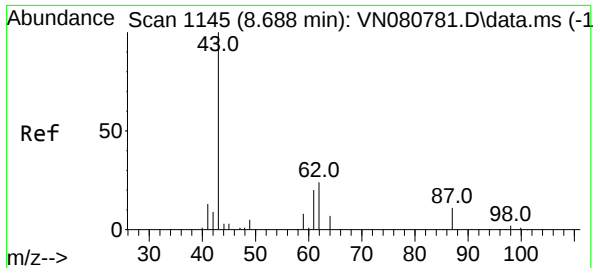
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 14.8 12.5 18.7

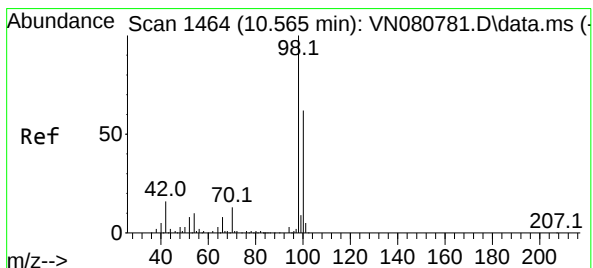
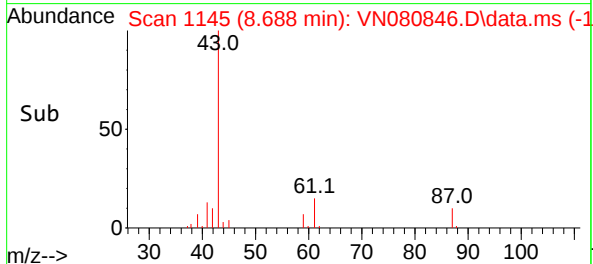
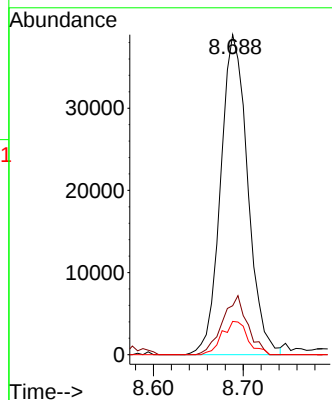
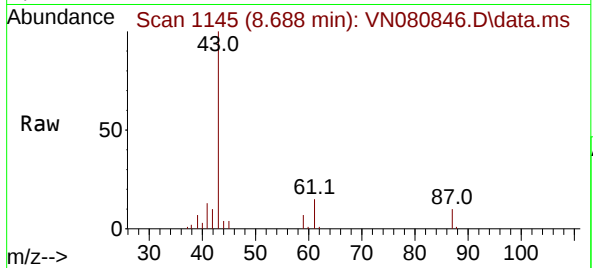




#43
Isopropyl Acetate
Concen: 18.594 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

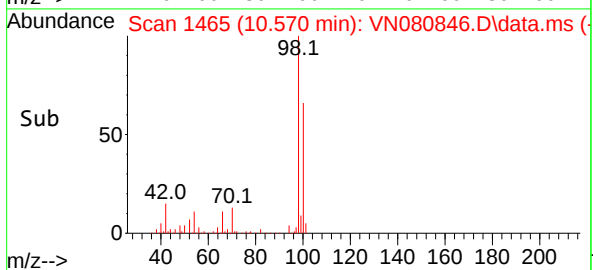
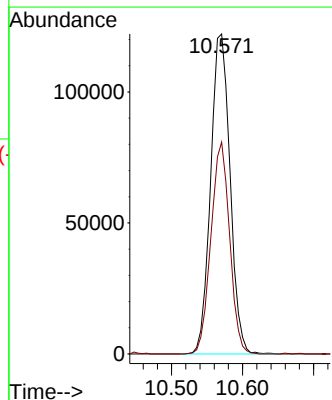
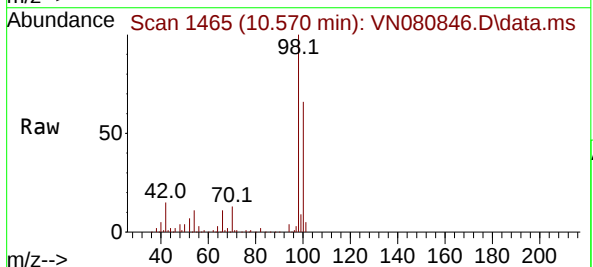
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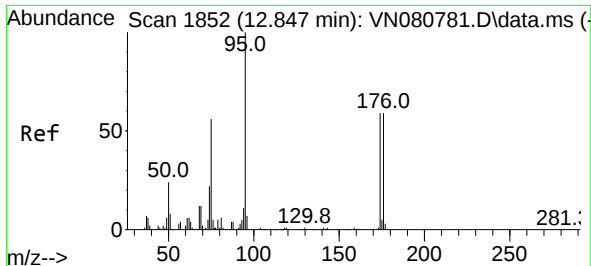
Tgt Ion: 43 Resp: 81644
Ion Ratio Lower Upper
43 100
61 17.0 19.9 29.9#
87 9.9 9.0 13.6



#50
Toluene-d8
Concen: 46.918 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 98 Resp: 231459
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0

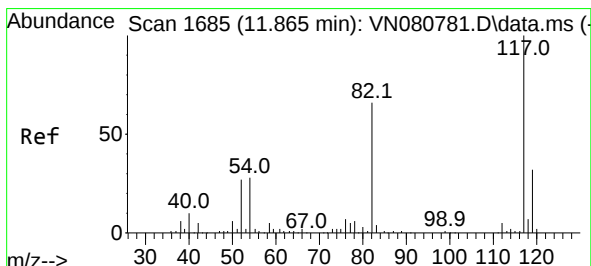
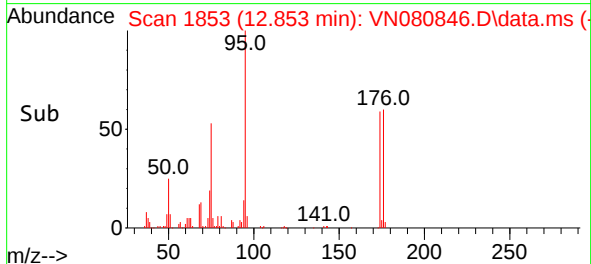
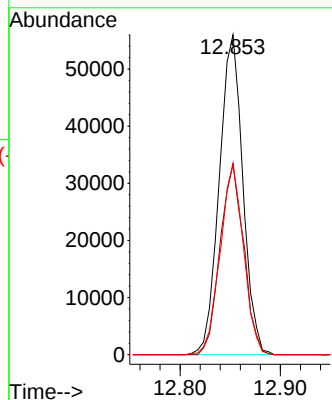
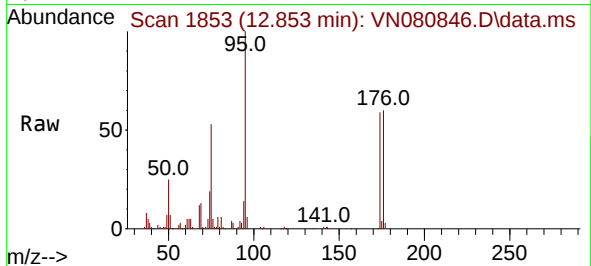




#62
4-Bromofluorobenzene
Concen: 53.155 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

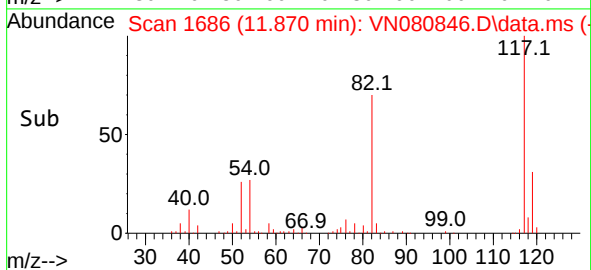
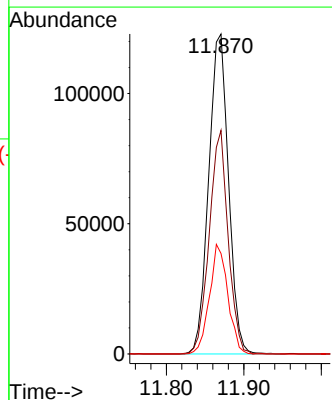
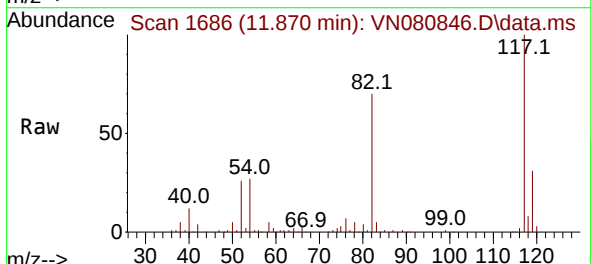
Instrument :
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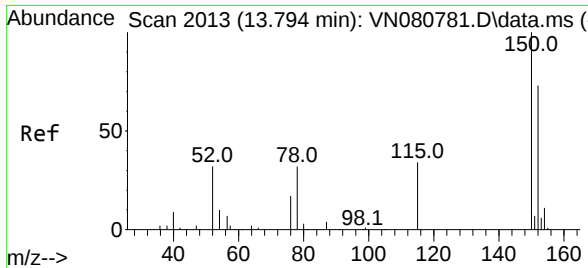
Tgt Ion: 95 Resp: 91378
Ion Ratio Lower Upper
95 100
174 59.6 0.0 120.4
176 59.1 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080846.D
Acq: 31 Jan 2024 17:31

Tgt Ion: 117 Resp: 217963
Ion Ratio Lower Upper
117 100
82 69.8 52.7 79.1
119 31.4 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080846.D
 Acq: 31 Jan 2024 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-40

Tgt Ion:152 Resp: 84559
 Ion Ratio Lower Upper
 152 100
 115 69.0 32.3 96.8
 150 155.5 0.0 339.8

