

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081723.D
 Acq On : 12 Apr 2024 17:19
 Operator : JC\MD
 Sample : P2070-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Apr 13 06:59:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

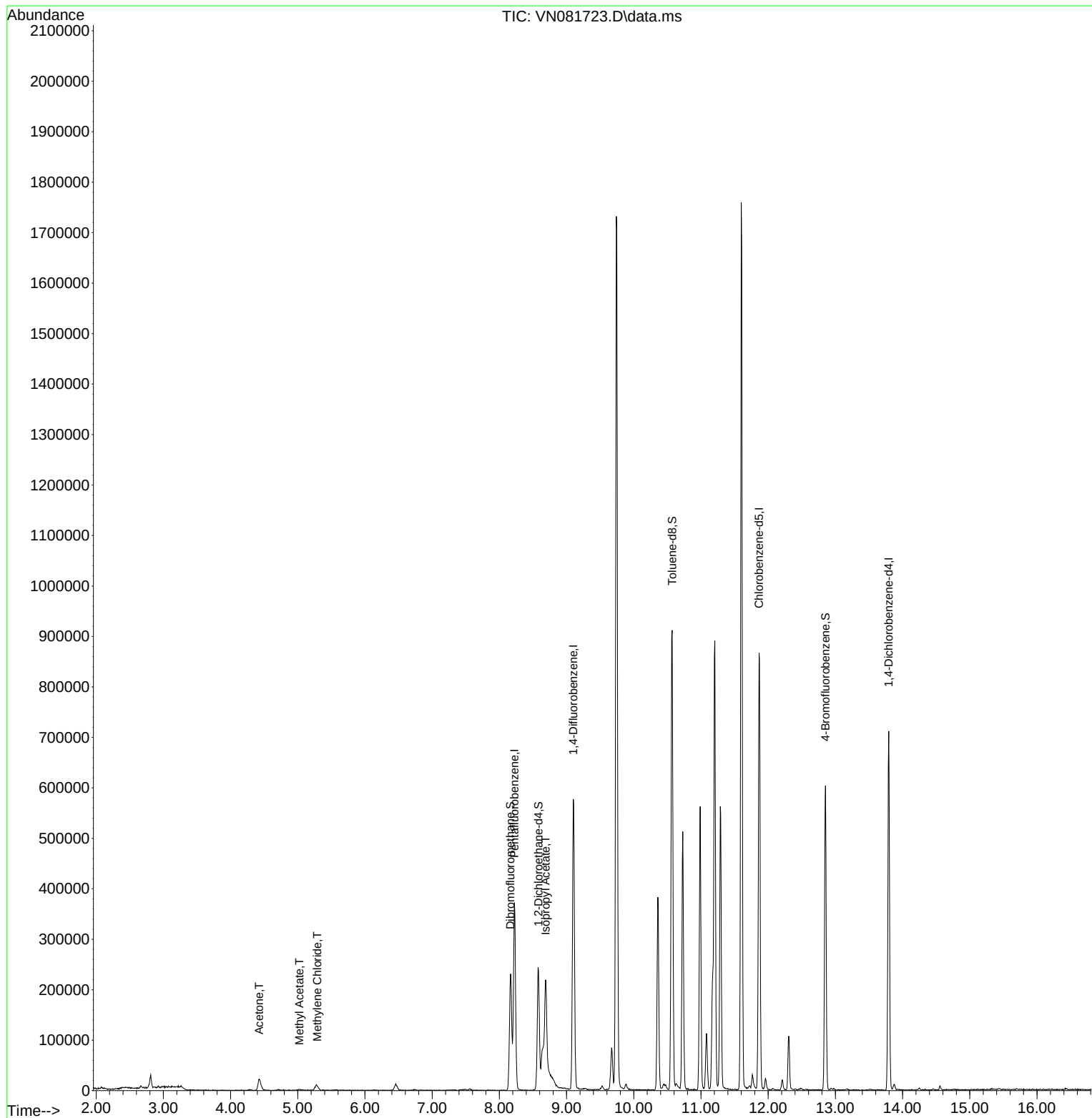
Internal Standards						
1) Pentafluorobenzene	8.224	168	253760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	493429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	507328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	194764	60.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.360%	
35) Dibromofluoromethane	8.165	113	163827	52.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.220%	
50) Toluene-d8	10.571	98	642721	57.096	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 114.200%#	
62) 4-Bromofluorobenzene	12.853	95	204888	51.655	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	41618	39.794	ug/l	93
18) Methyl Acetate	5.024	43	3811	1.182	ug/l #	76
20) Methylene Chloride	5.289	84	8769	2.560	ug/l #	56
43) Isopropyl Acetate	8.688	43	366891	49.324	ug/l #	77

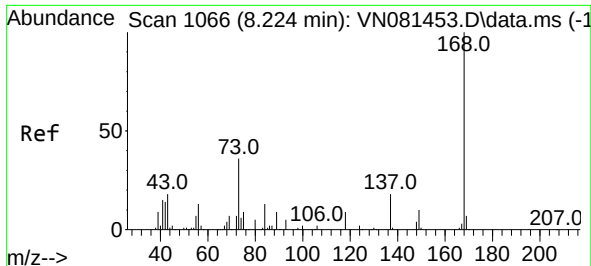
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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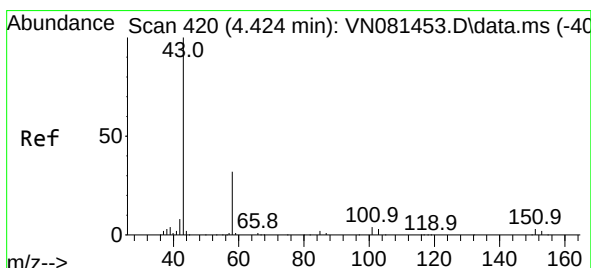
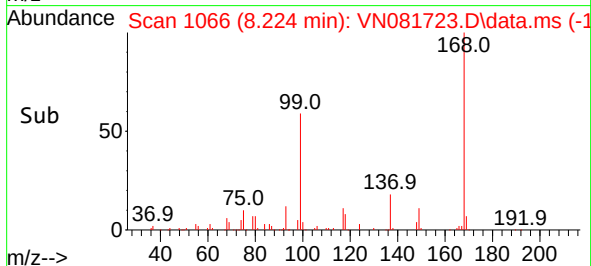
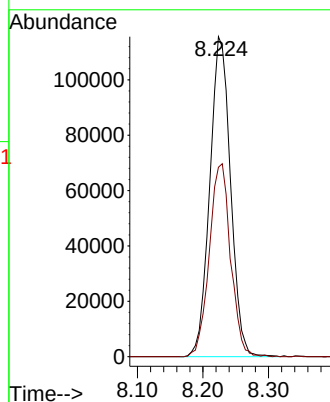
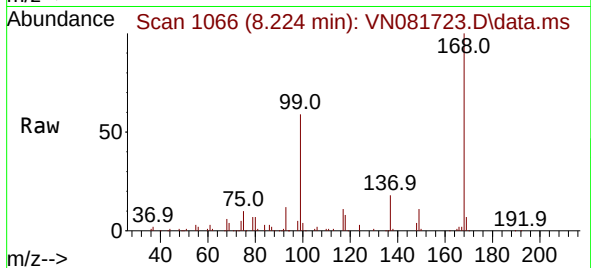




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

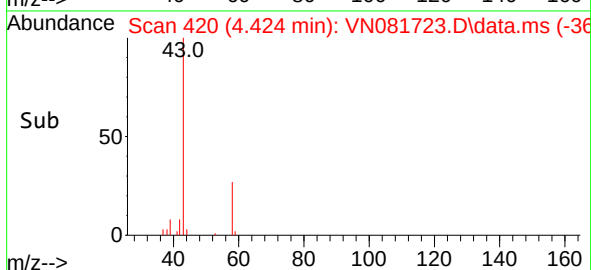
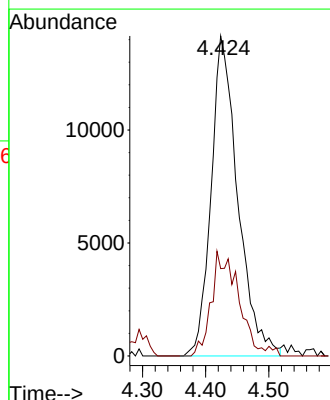
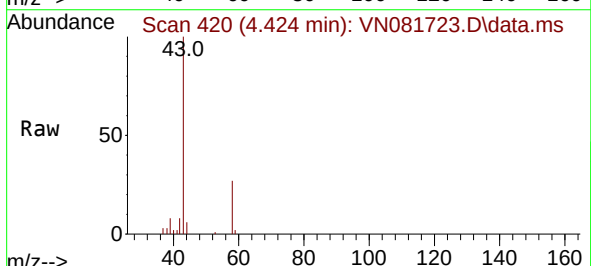
Instrument :
MSVOA_N
ClientSampleId :
TP-3

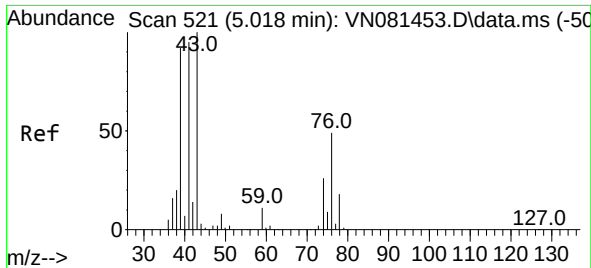
Tgt Ion:168 Resp: 253760
Ion Ratio Lower Upper
168 100
99 59.2 59.9 89.9#



#16
Acetone
Concen: 39.794 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

Tgt Ion: 43 Resp: 41618
Ion Ratio Lower Upper
43 100
58 27.3 24.8 37.2

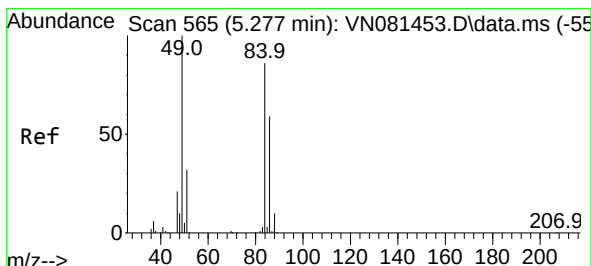
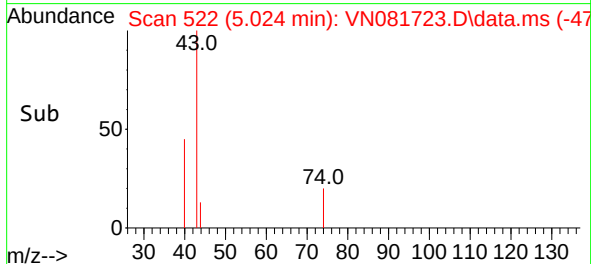
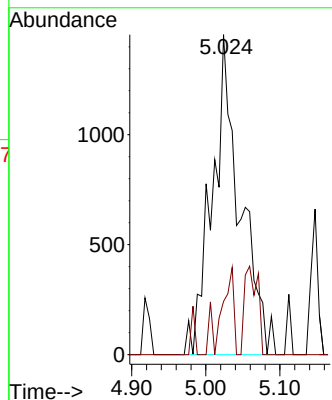
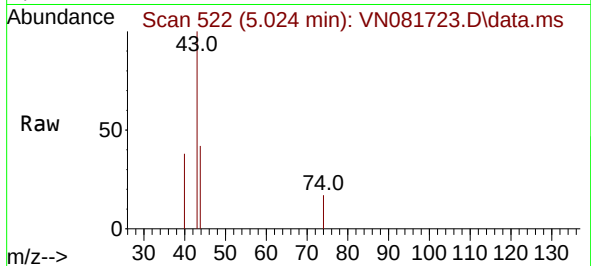




#18
Methyl Acetate
Concen: 1.182 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

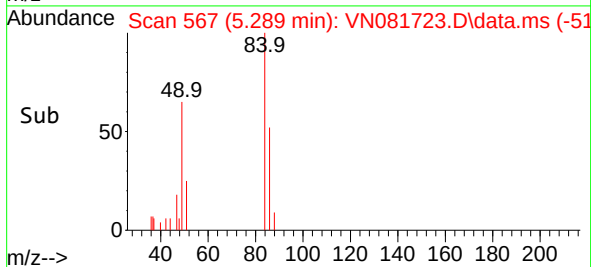
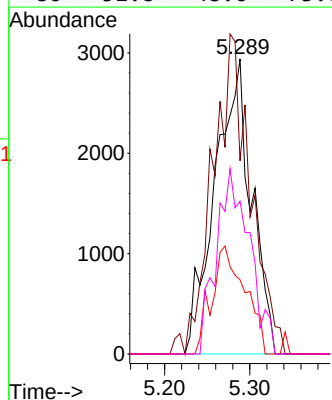
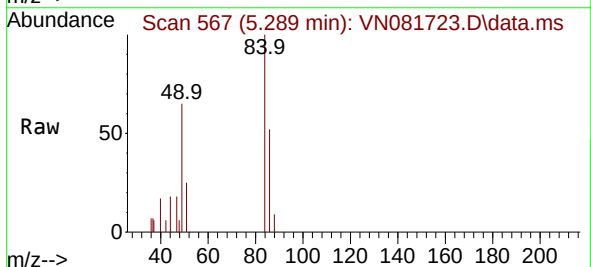
Instrument :
MSVOA_N
ClientSampleId :
TP-3

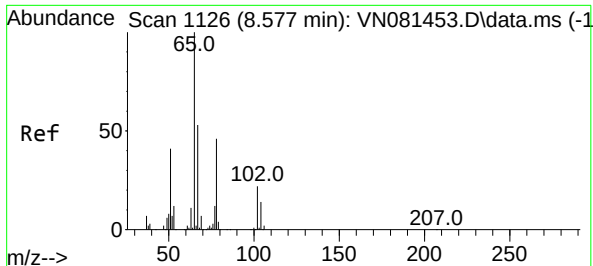
Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
74 10.0 17.3 25.9#



#20
Methylene Chloride
Concen: 2.560 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

Tgt Ion: 84 Resp: 8769
Ion Ratio Lower Upper
84 100
49 58.6 108.1 162.1#
51 25.2 32.9 49.3#
86 51.8 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 60.184 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081723.D

Acq: 12 Apr 2024 17:19

Instrument :

MSVOA_N

ClientSampleId :

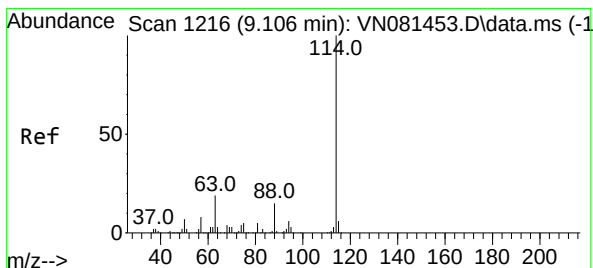
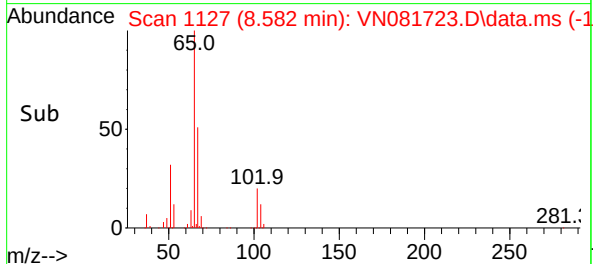
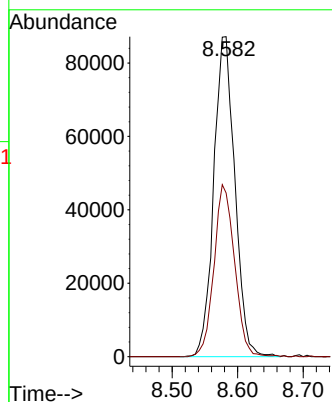
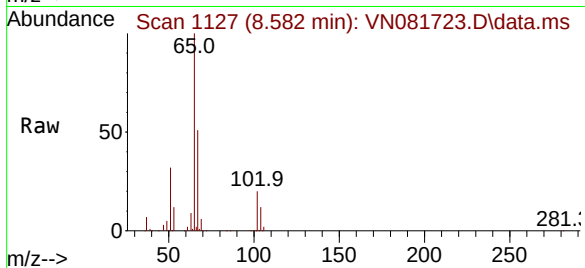
TP-3

Tgt Ion: 65 Resp: 194764

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081723.D

Acq: 12 Apr 2024 17:19

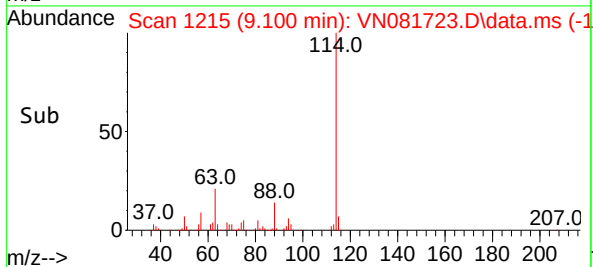
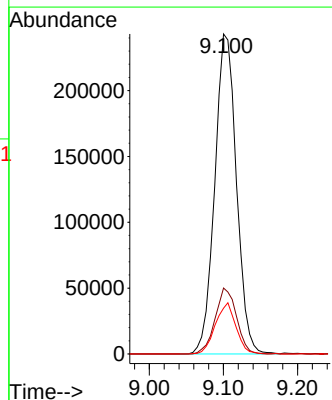
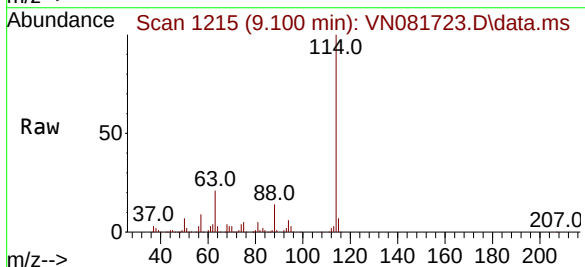
Tgt Ion: 114 Resp: 493429

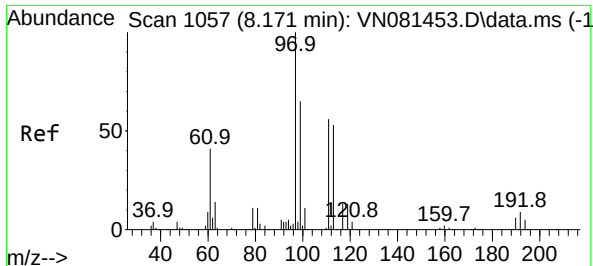
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 14.3 0.0 34.8

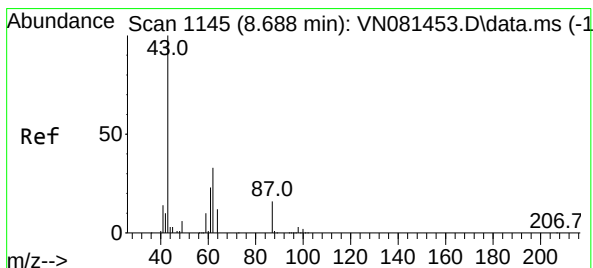
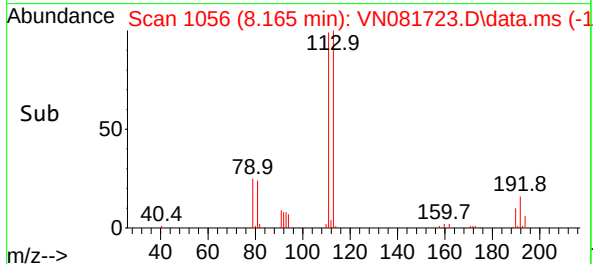
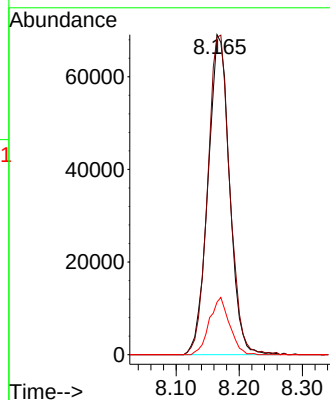
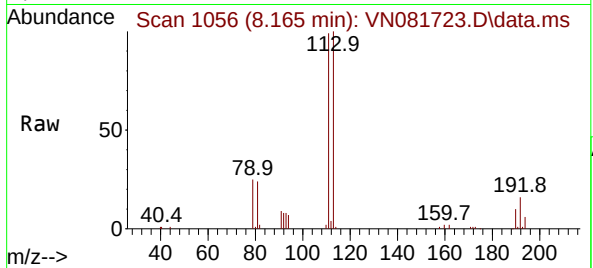




#35
Dibromofluoromethane
Concen: 52.609 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

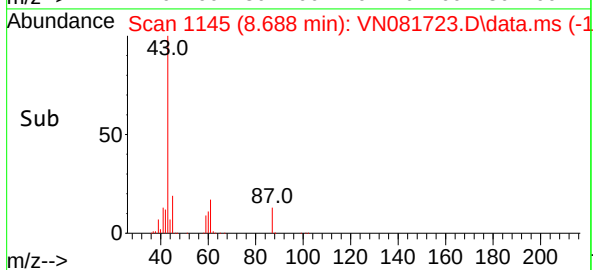
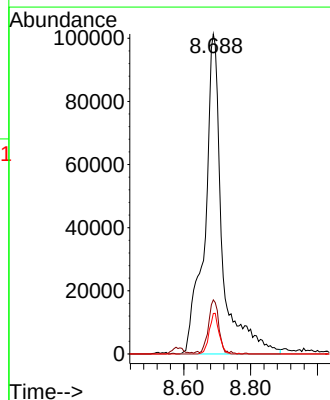
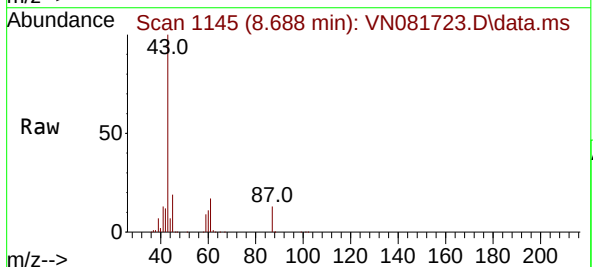
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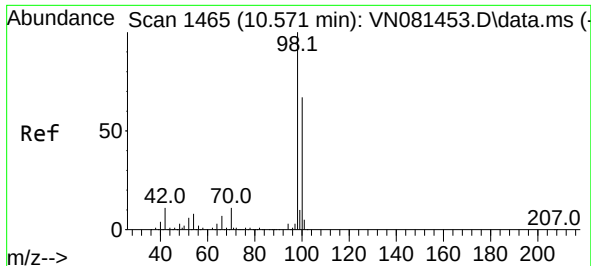
Tgt Ion:113 Resp: 163827
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 16.7 12.5 18.7



#43
Isopropyl Acetate
Concen: 49.324 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

Tgt Ion: 43 Resp: 366891
Ion Ratio Lower Upper
43 100
61 10.3 19.9 29.9#
87 7.1 9.0 13.6#

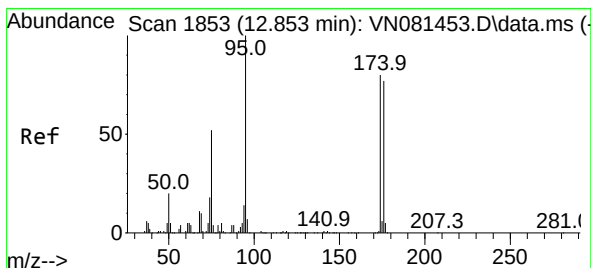
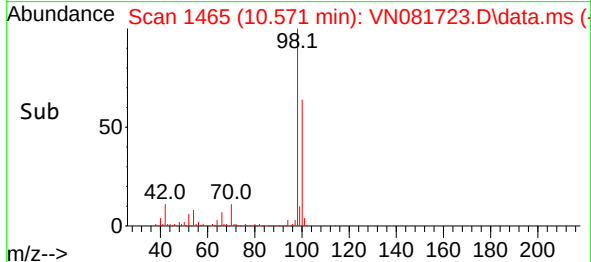
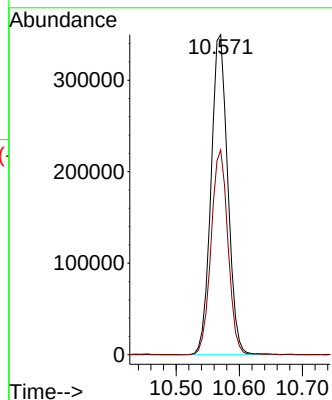
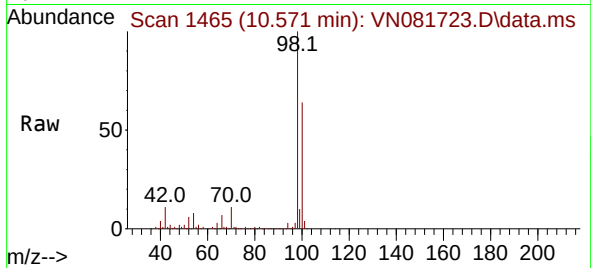




#50
Toluene-d8
Concen: 57.096 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

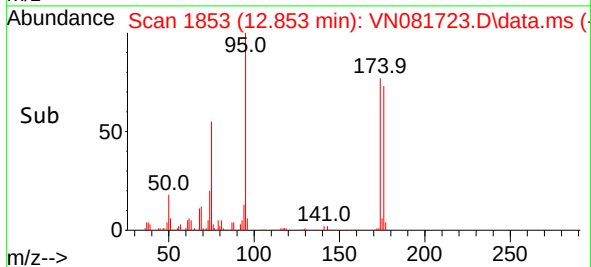
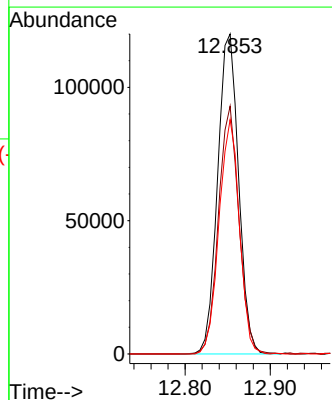
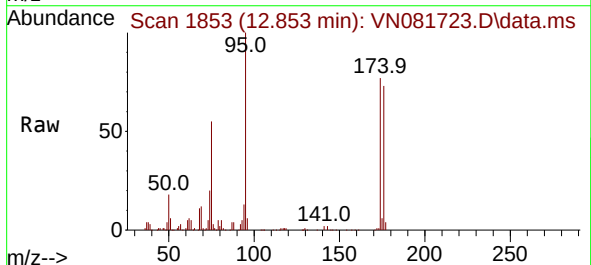
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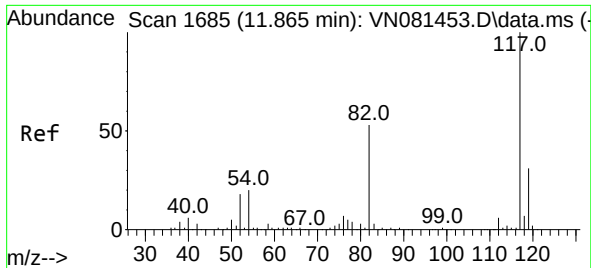
Tgt Ion: 98 Resp: 642721
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.655 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

Tgt Ion: 95 Resp: 204888
Ion Ratio Lower Upper
95 100
174 75.5 0.0 120.4
176 71.2 0.0 121.0

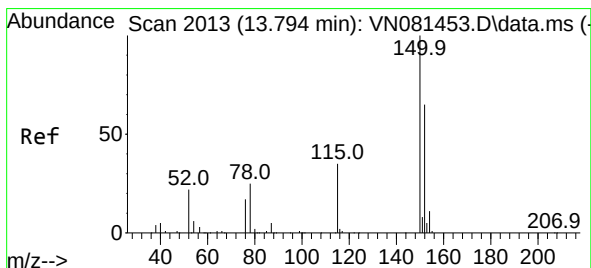
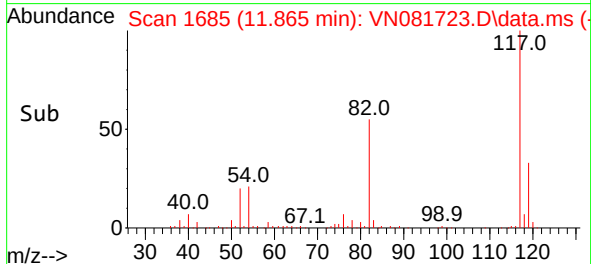
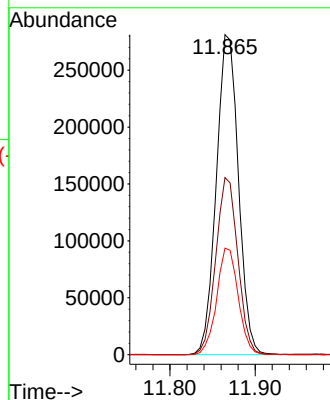
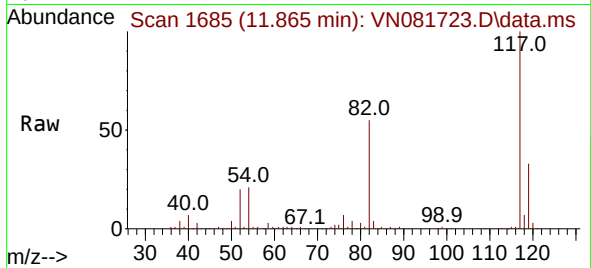




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 507328
Ion Ratio Lower Upper
117 100
82 55.4 52.7 79.1
119 33.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081723.D
Acq: 12 Apr 2024 17:19

Tgt Ion:152 Resp: 186524
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 157.5 0.0 339.8

