

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081012.D
 Acq On : 12 Feb 2024 18:44
 Operator : JC\MD
 Sample : P1453-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Feb 13 03:25:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

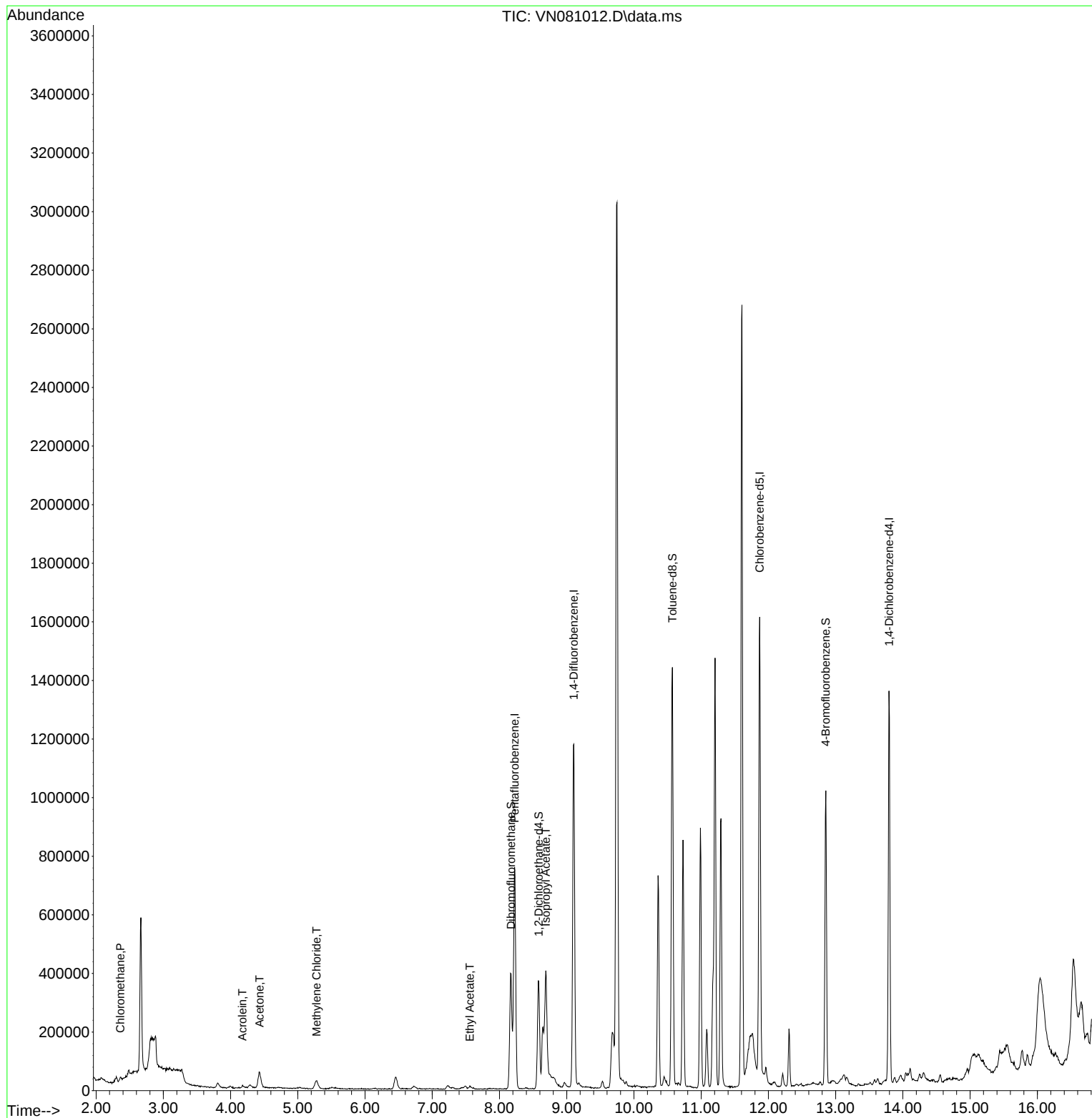
Internal Standards						
1) Pentafluorobenzene	8.224	168	591499	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	1105746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	975583	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	379019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	305259	40.910	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.820%
35) Dibromofluoromethane	8.171	113	281816	47.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	10.571	98	1030328	48.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.853	95	342078	43.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	17991	1.246	ug/l	98
13) Acrolein	4.177	56	9456	7.298	ug/l	94
16) Acetone	4.430	43	106438	43.357	ug/l	99
20) Methylene Chloride	5.277	84	26305	3.537	ug/l #	72
37) Ethyl Acetate	7.559	43	12295	1.841	ug/l #	82
43) Isopropyl Acetate	8.689	43	694626	56.557	ug/l #	79

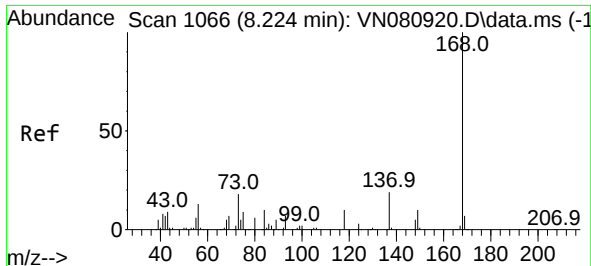
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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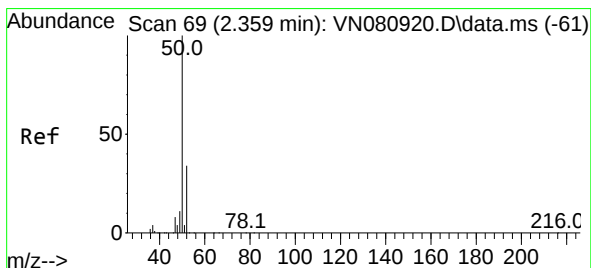
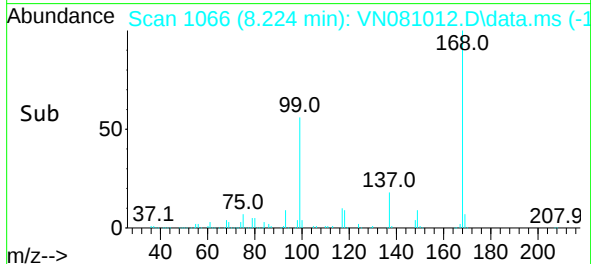
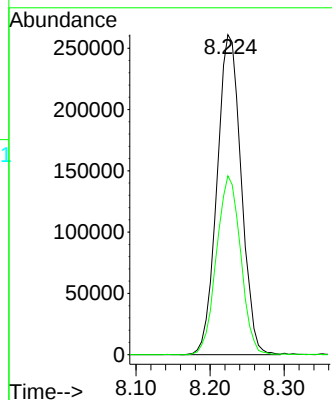
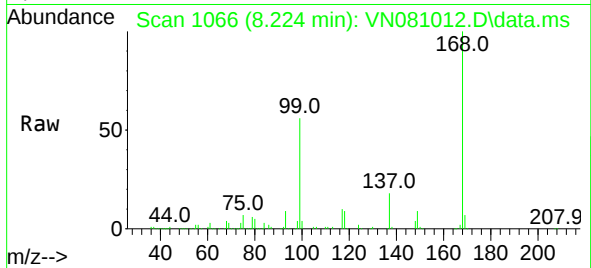




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

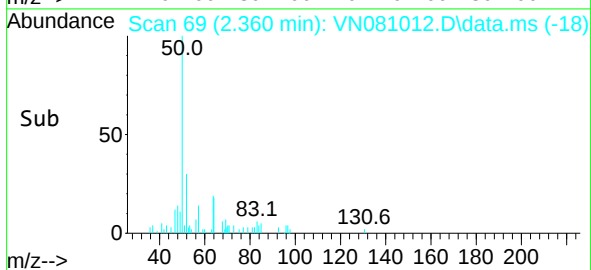
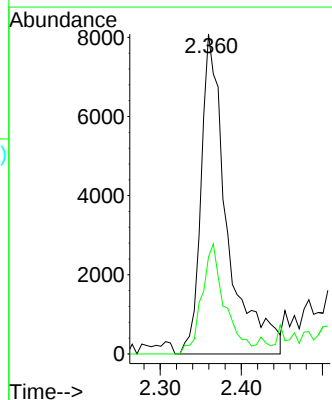
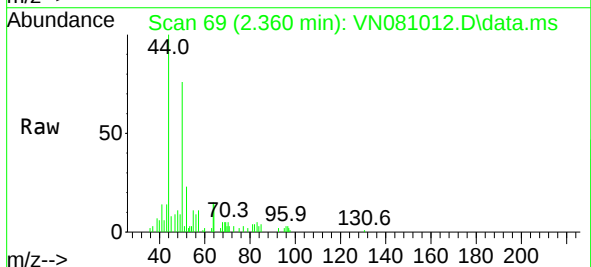
Instrument :
MSVOA_N
ClientSampleId :
TP-3

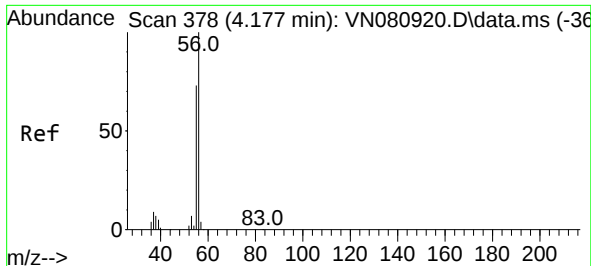
Tgt Ion:168 Resp: 591499
Ion Ratio Lower Upper
168 100
99 55.9 59.9 89.9#



#3
Chloromethane
Concen: 1.246 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

Tgt Ion: 50 Resp: 17991
Ion Ratio Lower Upper
50 100
52 30.4 25.0 37.4

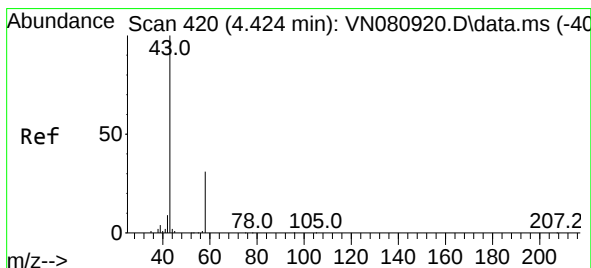
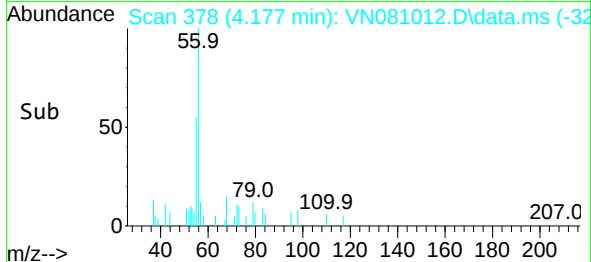
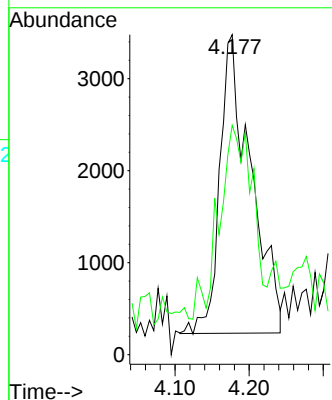
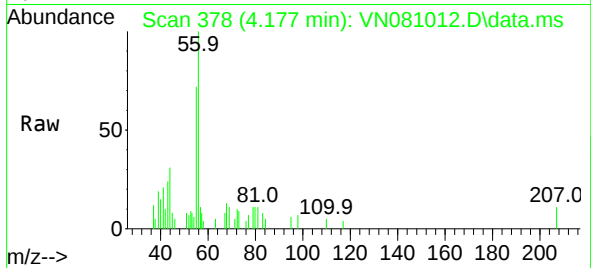




#13
Acrolein
Concen: 7.298 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

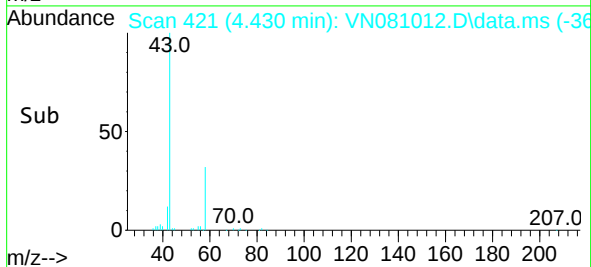
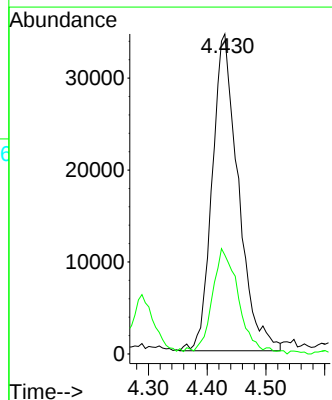
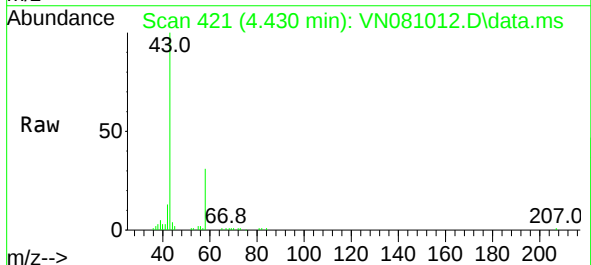
Instrument :
MSVOA_N
ClientSampleId :
TP-3

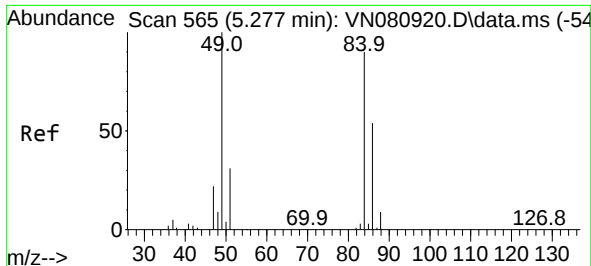
Tgt Ion: 56 Resp: 9456
Ion Ratio Lower Upper
56 100
55 64.0 55.3 82.9



#16
Acetone
Concen: 43.357 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

Tgt Ion: 43 Resp: 106438
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2

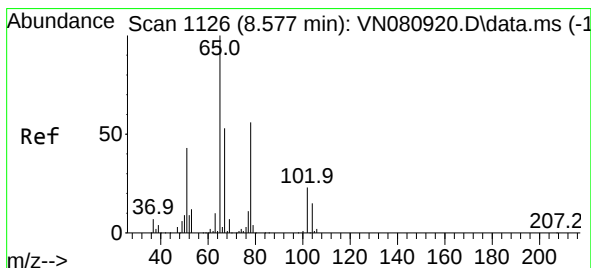
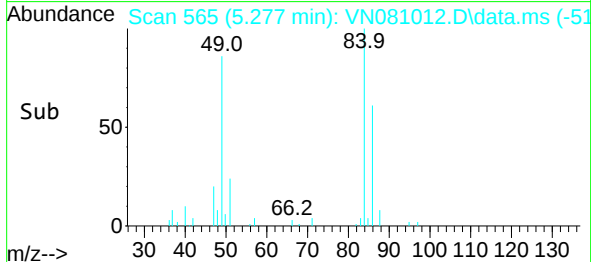
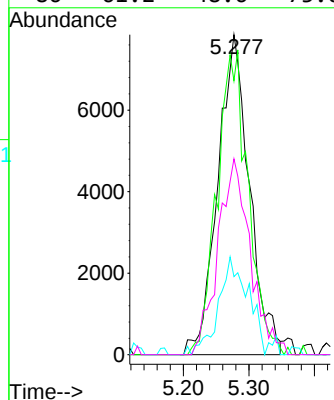
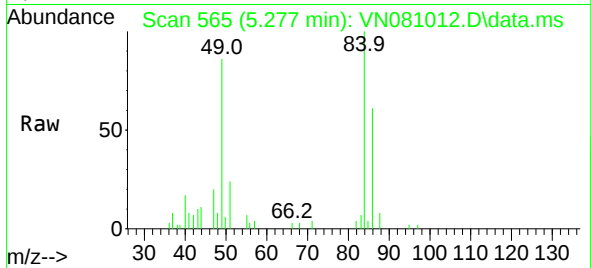




#20
Methylene Chloride
Concen: 3.537 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

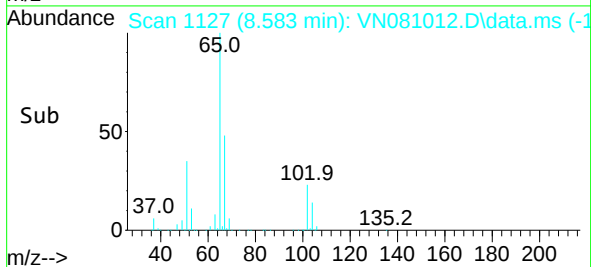
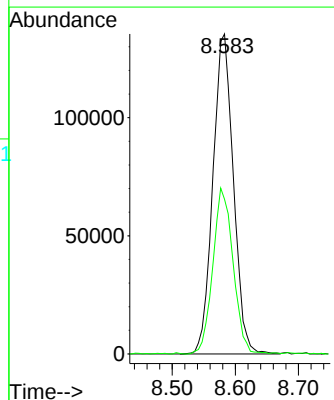
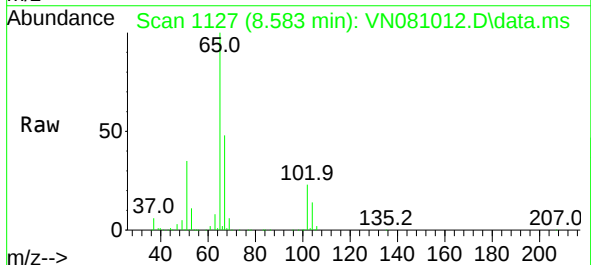
Instrument :
MSVOA_N
ClientSampleId :
TP-3

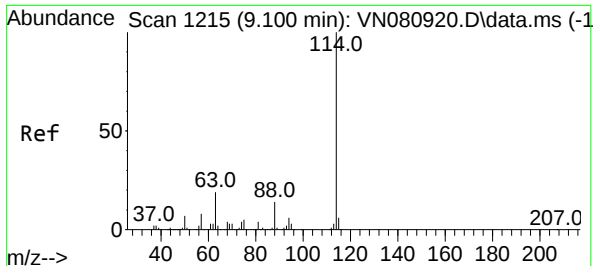
Tgt Ion:	84	Resp:	26305
Ion	Ratio	Lower	Upper
84	100		
49	85.6	108.1	162.1#
51	24.4	32.9	49.3#
86	61.2	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 40.910 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

Tgt Ion:	65	Resp:	305259
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN081012.D

Acq: 12 Feb 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :

TP-3

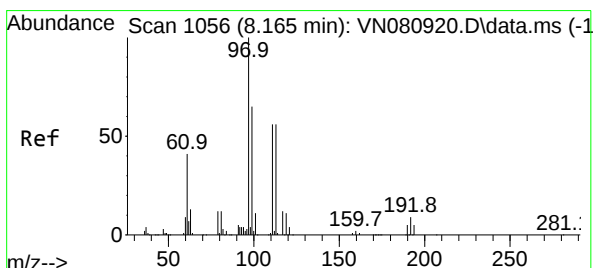
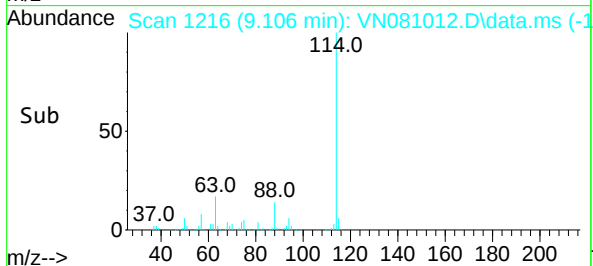
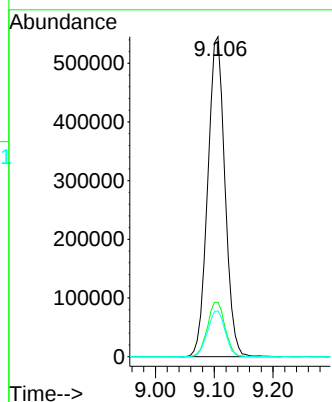
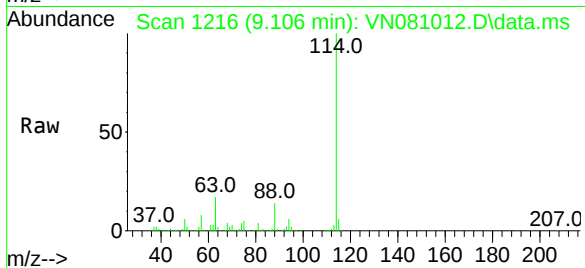
Tgt Ion:114 Resp: 1105746

Ion Ratio Lower Upper

114 100

63 17.1 0.0 48.0

88 14.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.496 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081012.D

Acq: 12 Feb 2024 18:44

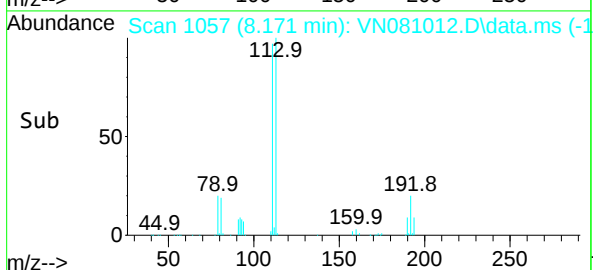
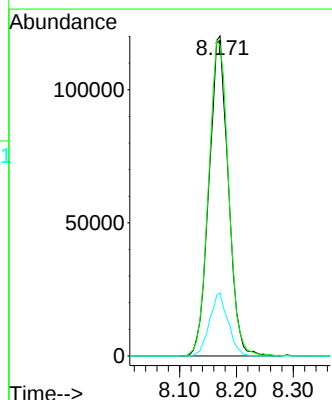
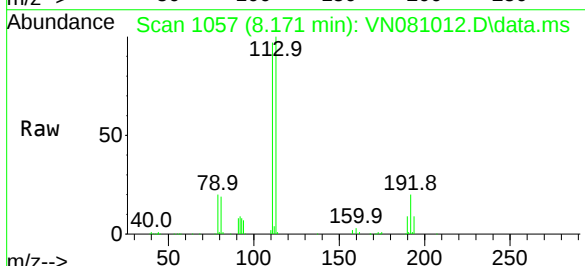
Tgt Ion:113 Resp: 281816

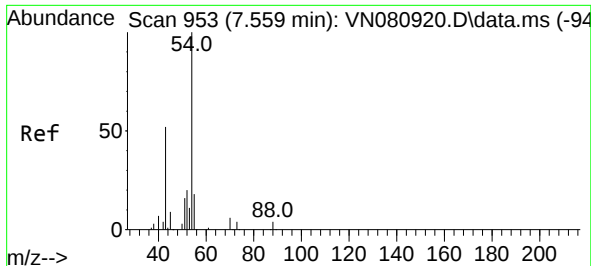
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 19.0 12.5 18.7#

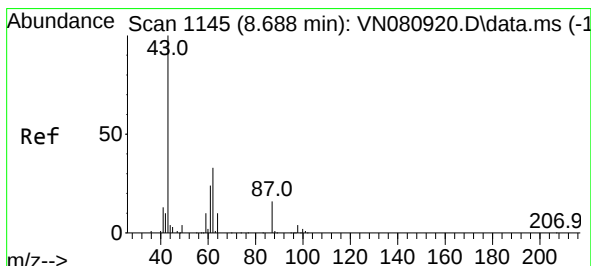
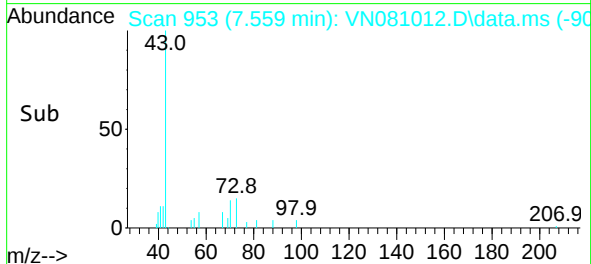
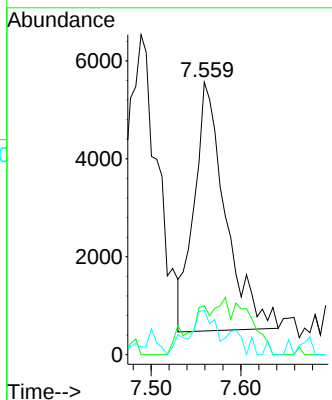
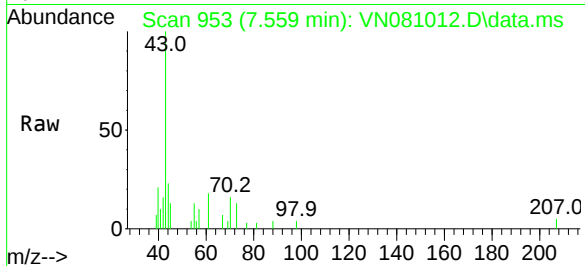




#37
Ethyl Acetate
Concen: 1.841 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

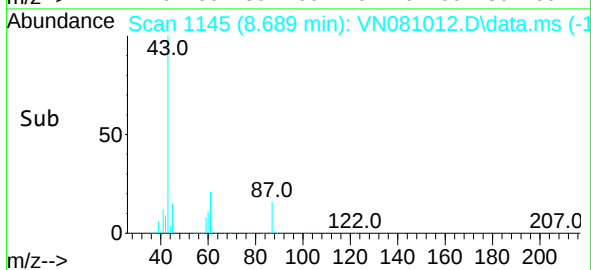
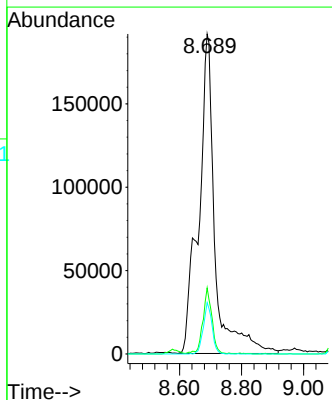
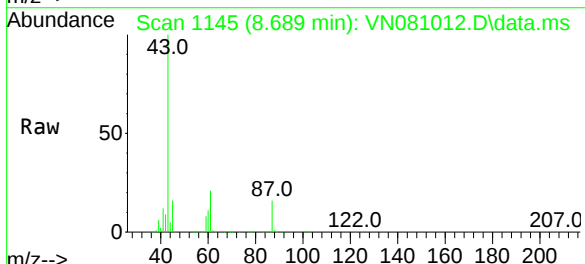
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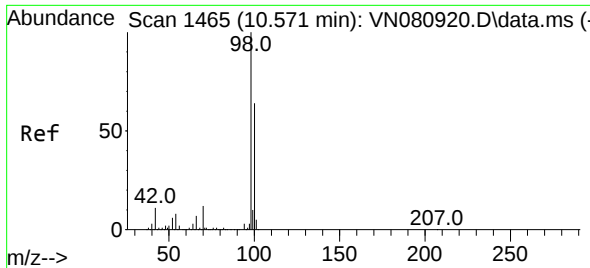
Tgt Ion: 43 Resp: 12295
Ion Ratio Lower Upper
43 100
61 5.0 10.6 15.8#
70 15.7 8.0 12.0#



#43
Isopropyl Acetate
Concen: 56.557 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

Tgt Ion: 43 Resp: 694626
Ion Ratio Lower Upper
43 100
61 11.4 19.9 29.9#
87 8.6 9.0 13.6#

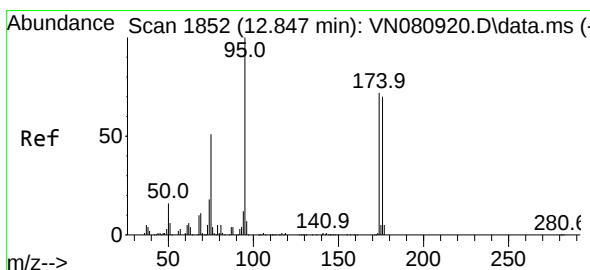
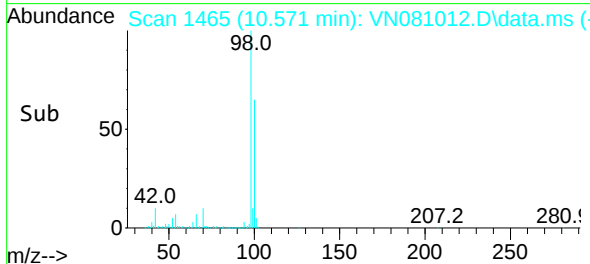
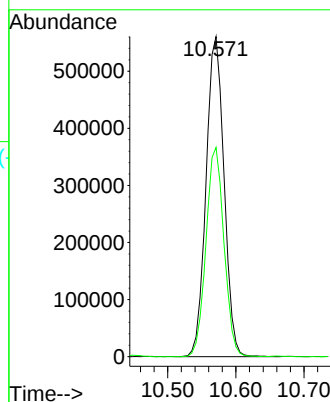
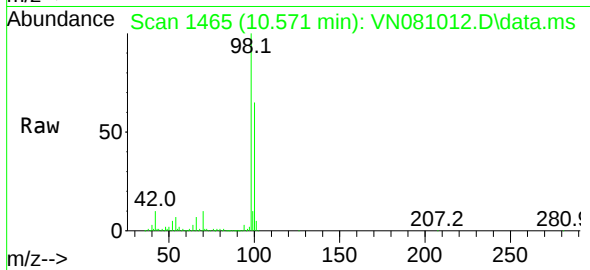




#50
Toluene-d8
Concen: 48.008 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

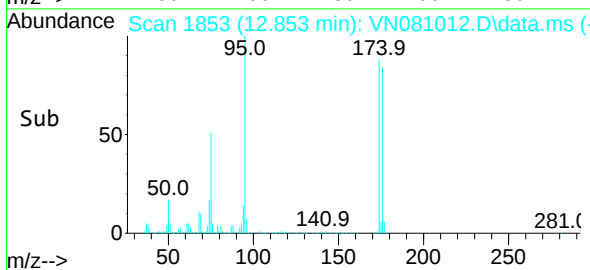
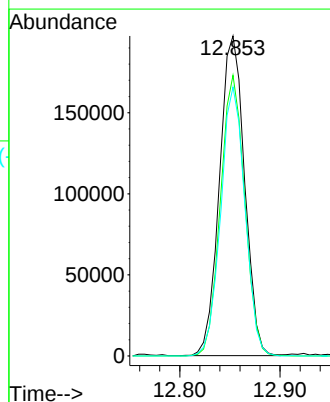
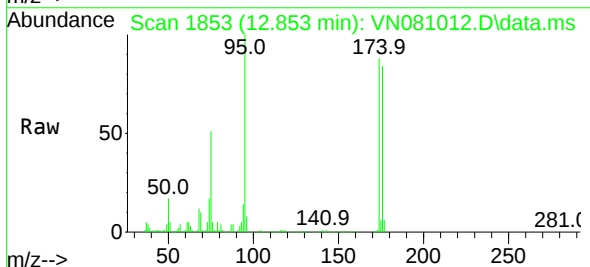
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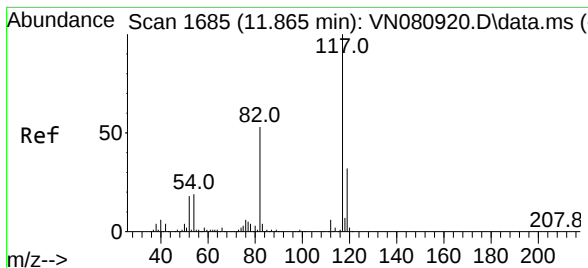
Tgt Ion: 98 Resp: 1030328
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.876 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081012.D
Acq: 12 Feb 2024 18:44

Tgt Ion: 95 Resp: 342078
Ion Ratio Lower Upper
95 100
174 84.8 0.0 120.4
176 81.2 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081012.D

Acq: 12 Feb 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :

TP-3

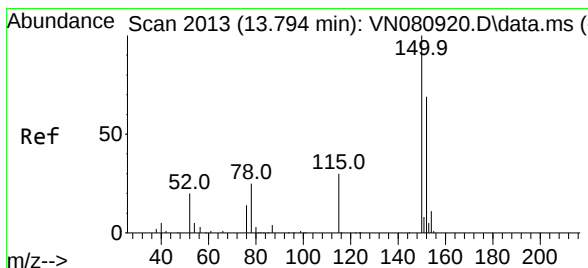
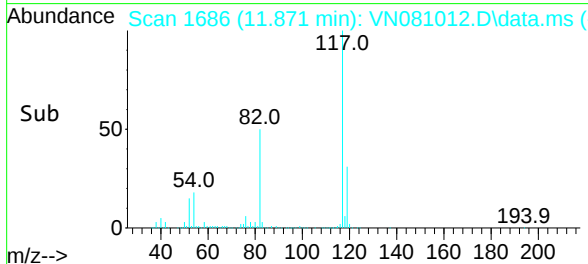
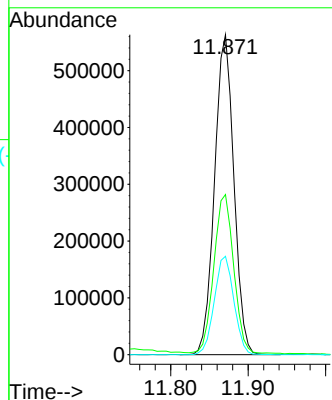
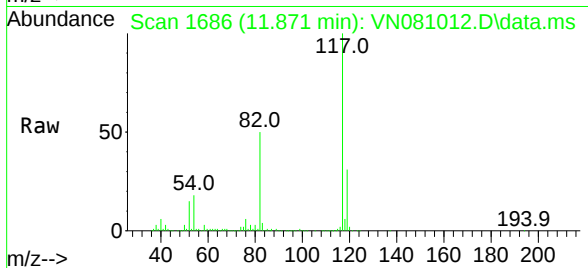
Tgt Ion:117 Resp: 975583

Ion Ratio Lower Upper

117 100

82 49.6 52.7 79.1#

119 30.8 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: VN081012.D

Acq: 12 Feb 2024 18:44

Tgt Ion:152 Resp: 379019

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 157.4 0.0 339.8

