

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081008.D
 Acq On : 12 Feb 2024 17:09
 Operator : JC\MD
 Sample : P1423-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Feb 13 03:22:33 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)

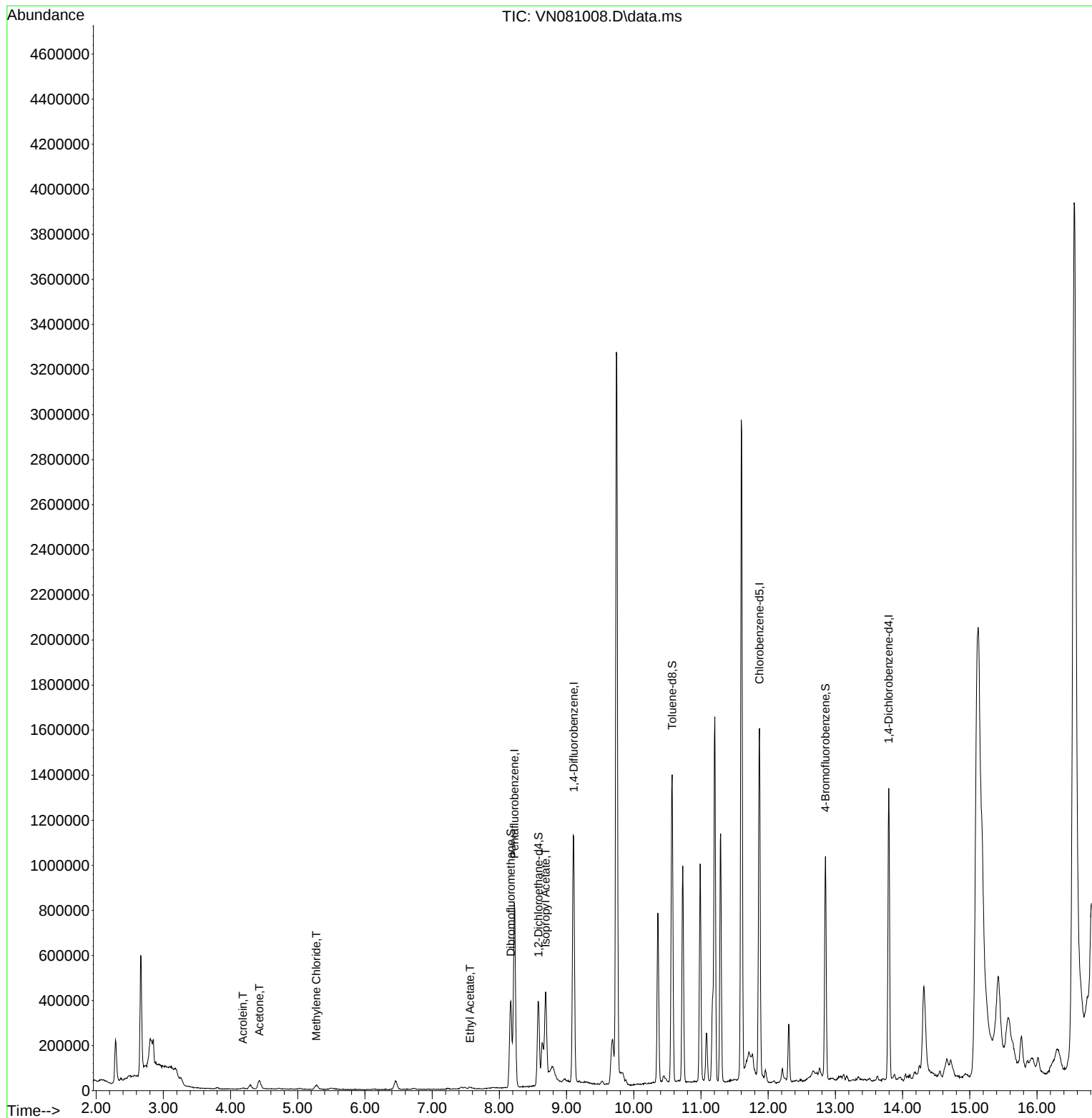
Internal Standards						
1) Pentafluorobenzene	8.224	168	626430	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	1036691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	945109	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	362850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	305120	38.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.220%
35) Dibromofluoromethane	8.171	113	283296	50.926	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	10.571	98	986416	49.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.853	95	347677	47.564	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.120%
Target Compounds						
					Qvalue	
13) Acrolein	4.183	56	7960	5.800	ug/l	100
16) Acetone	4.430	43	71279	27.416	ug/l	# 84
20) Methylene Chloride	5.277	84	17161	2.179	ug/l	# 81
37) Ethyl Acetate	7.565	43	9672	1.545	ug/l	# 86
43) Isopropyl Acetate	8.688	43	419623	36.442	ug/l	# 89

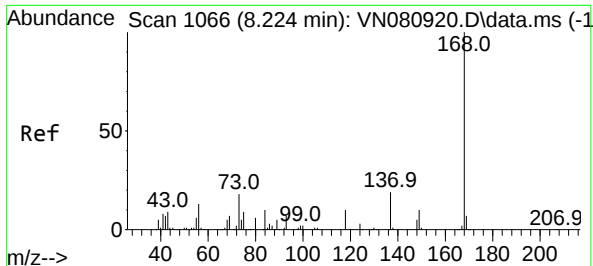
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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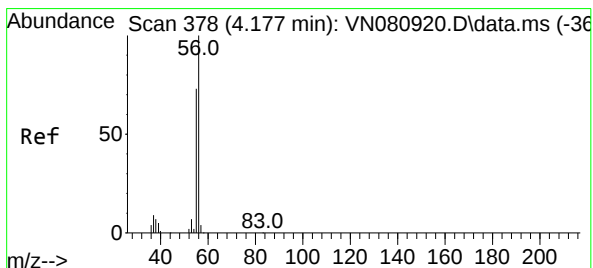
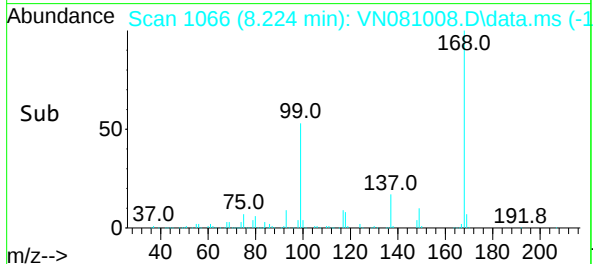
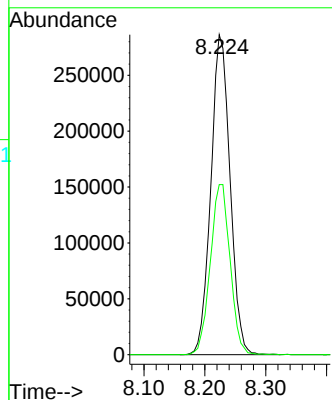
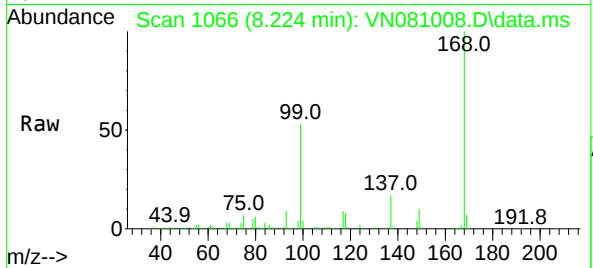




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

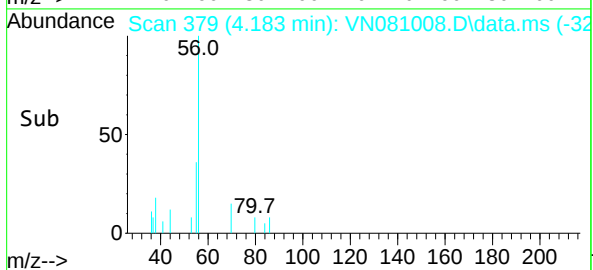
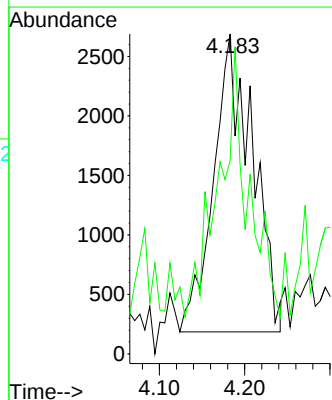
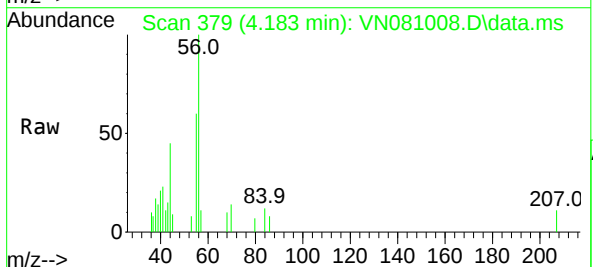
Instrument :
MSVOA_N
ClientSampleId :
TP-3

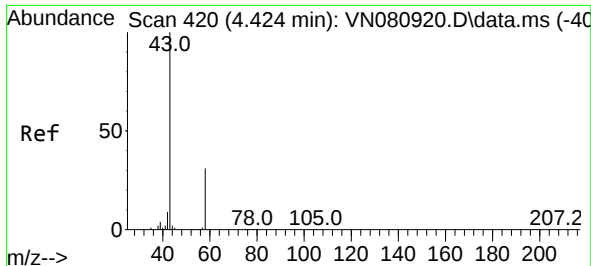
Tgt Ion:168 Resp: 626430
Ion Ratio Lower Upper
168 100
99 53.1 59.9 89.9#



#13
Acrolein
Concen: 5.800 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

Tgt Ion: 56 Resp: 7960
Ion Ratio Lower Upper
56 100
55 69.3 55.3 82.9

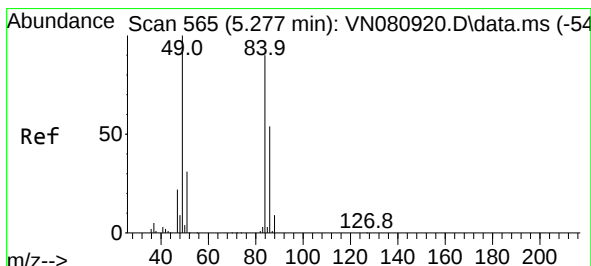
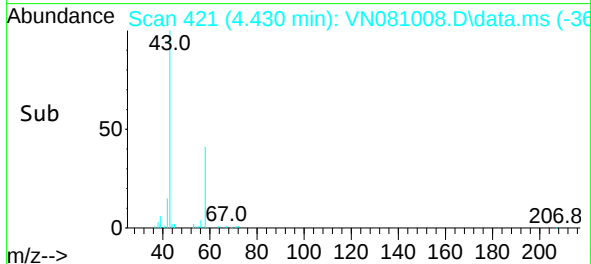
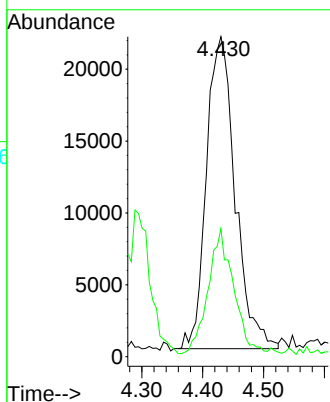
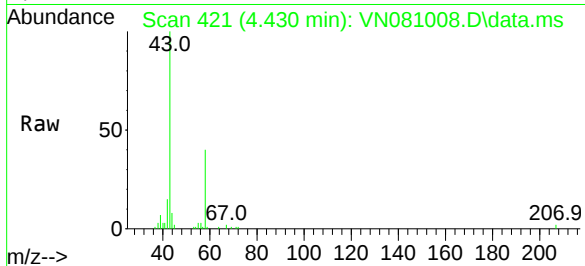




#16
Acetone
Concen: 27.416 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

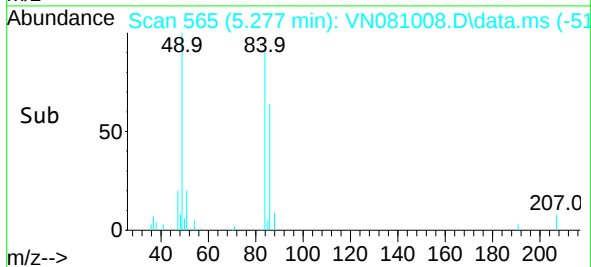
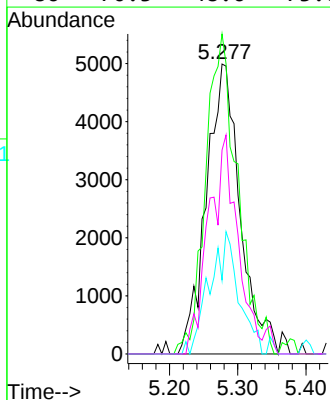
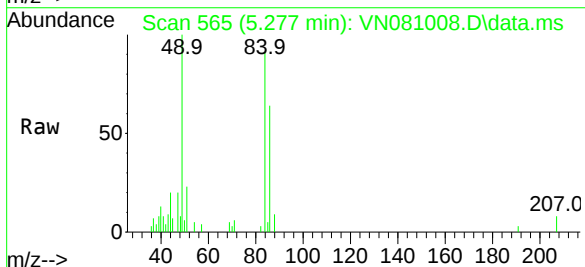
Instrument :
MSVOA_N
ClientSampleId :
TP-3

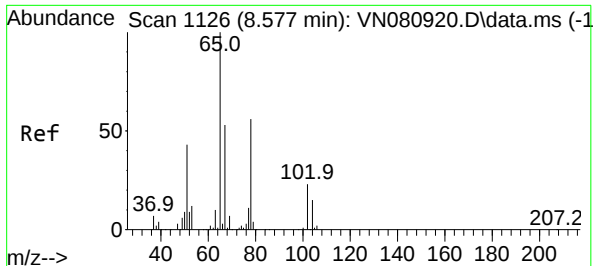
Tgt Ion: 43 Resp: 71279
Ion Ratio Lower Upper
43 100
58 40.0 24.8 37.2#



#20
Methylene Chloride
Concen: 2.179 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

Tgt Ion: 84 Resp: 17161
Ion Ratio Lower Upper
84 100
49 110.4 108.1 162.1
51 25.4 32.9 49.3#
86 70.3 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 38.611 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081008.D

Acq: 12 Feb 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

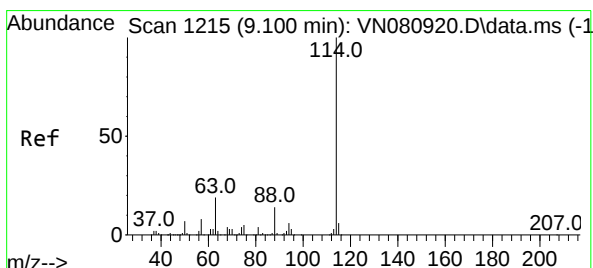
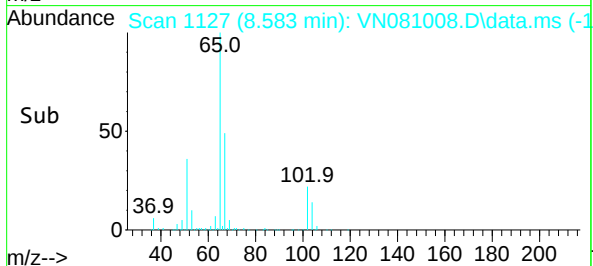
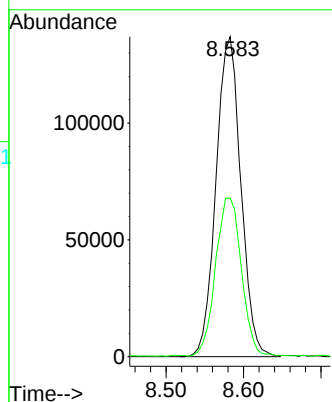
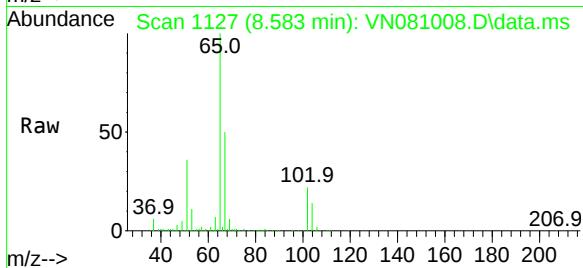
TP-3

Tgt Ion: 65 Resp: 305120

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081008.D

Acq: 12 Feb 2024 17:09

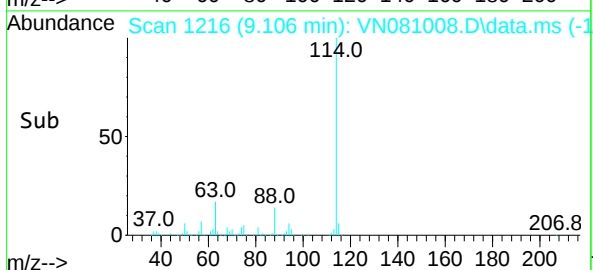
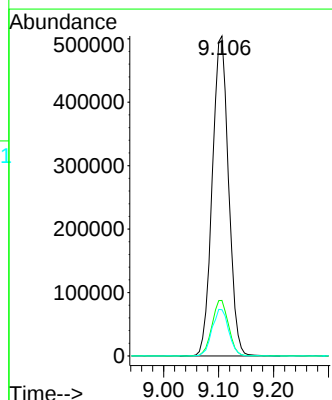
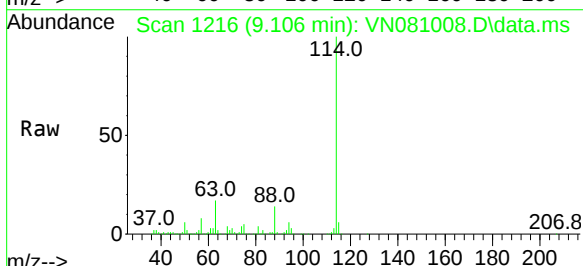
Tgt Ion: 114 Resp: 1036691

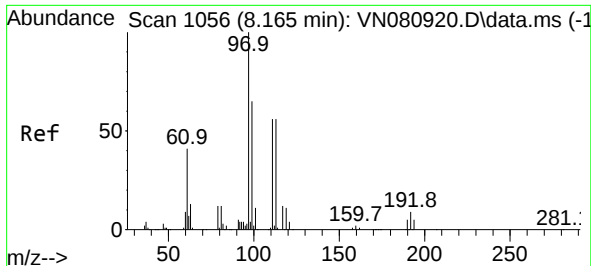
Ion Ratio Lower Upper

114 100

63 17.4 0.0 48.0

88 14.5 0.0 34.8

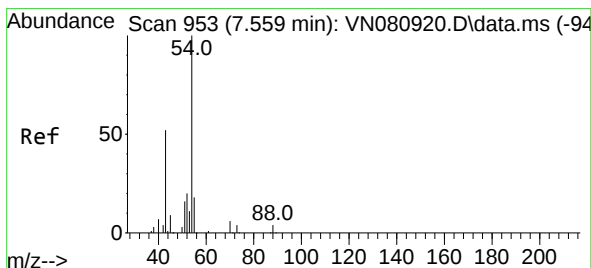
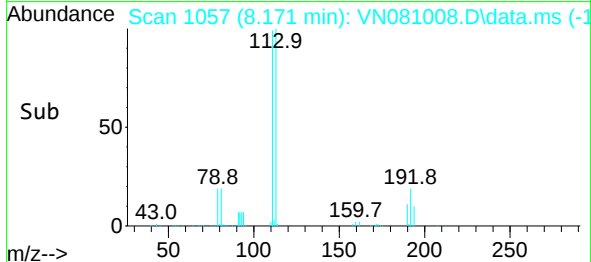
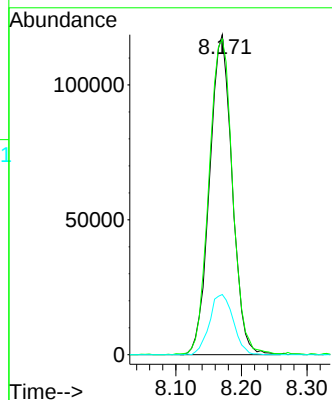
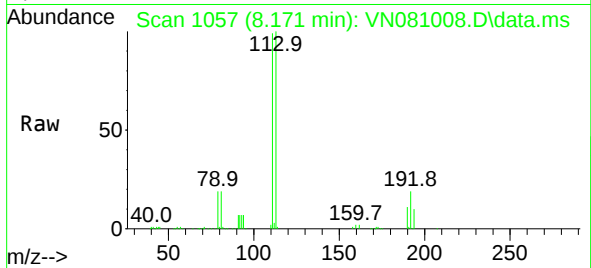




#35
Dibromofluoromethane
Concen: 50.926 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

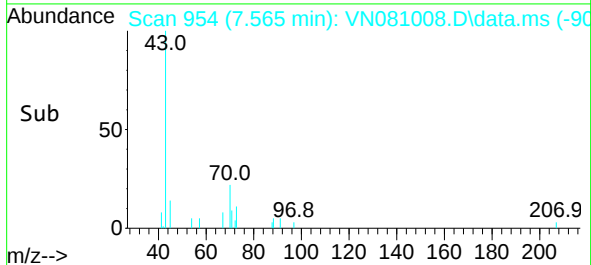
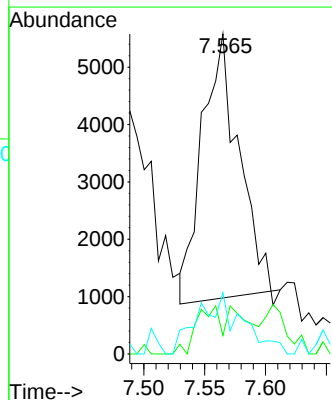
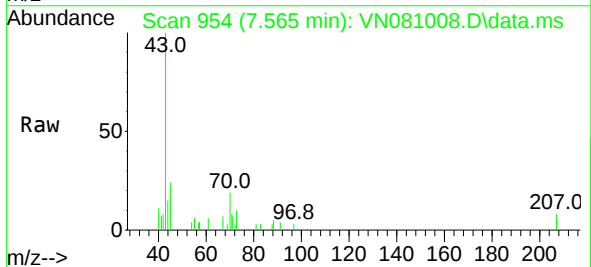
Instrument :
MSVOA_N
ClientSampleId :
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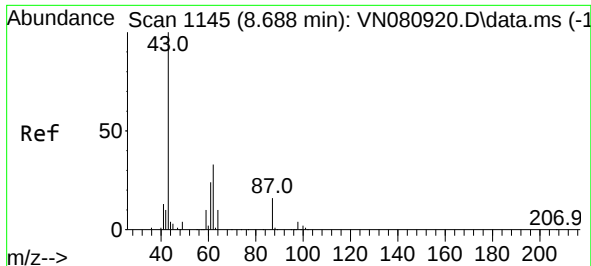
Tgt Ion:113 Resp: 283296
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.8 12.5 18.7#



#37
Ethyl Acetate
Concen: 1.545 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

Tgt Ion: 43 Resp: 9672
Ion Ratio Lower Upper
43 100
61 11.5 10.6 15.8
70 0.0 8.0 12.0#

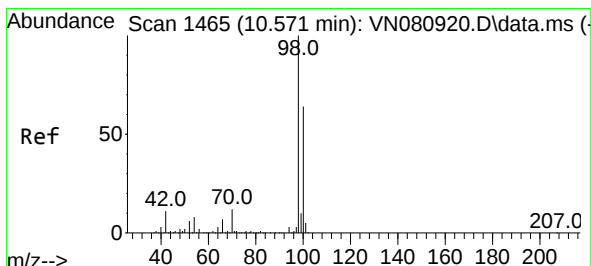
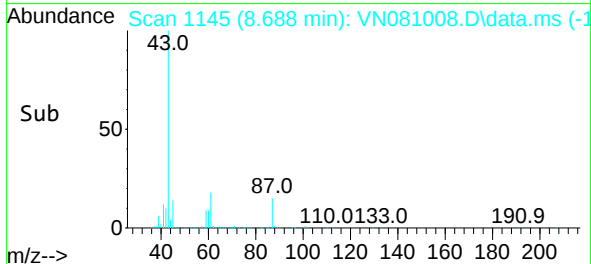
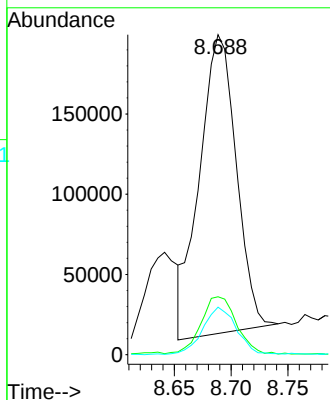
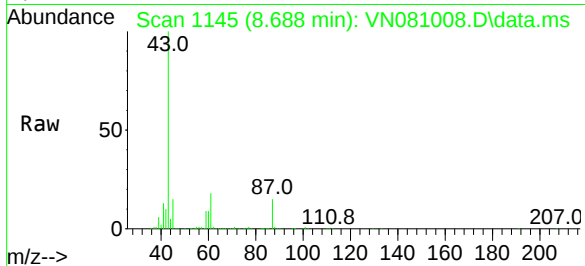




#43
Isopropyl Acetate
Concen: 36.442 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

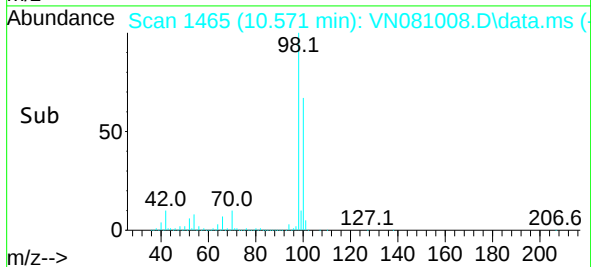
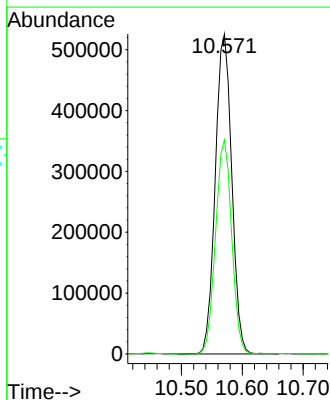
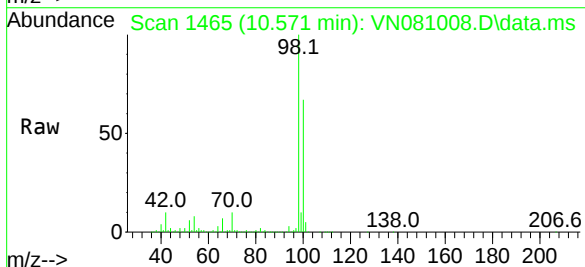
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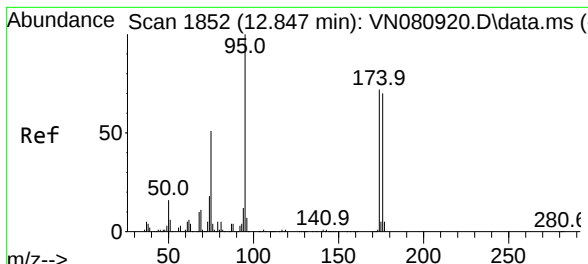
Tgt Ion: 43 Resp: 419623
Ion Ratio Lower Upper
43 100
61 18.8 19.9 29.9#
87 14.8 9.0 13.6#



#50
Toluene-d8
Concen: 49.023 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

Tgt Ion: 98 Resp: 986416
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0



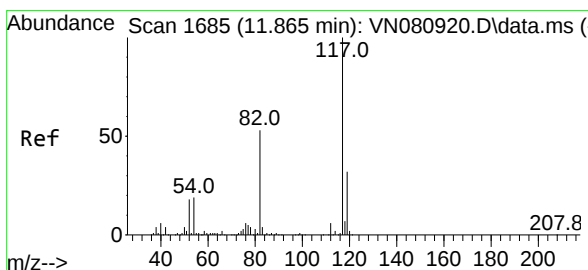
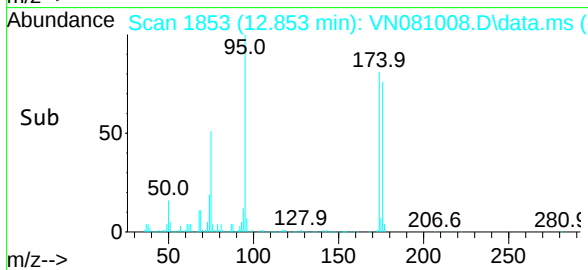
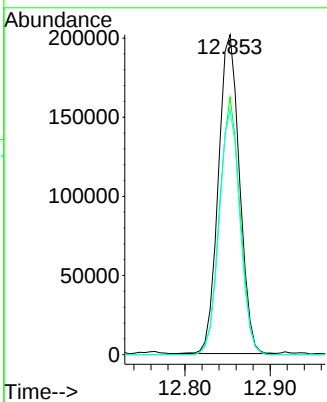
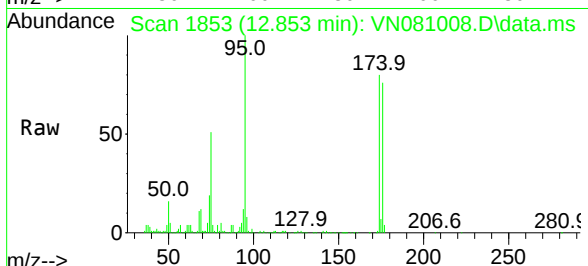


#62
4-Bromofluorobenzene
Concen: 47.564 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion: 95 Resp: 347677

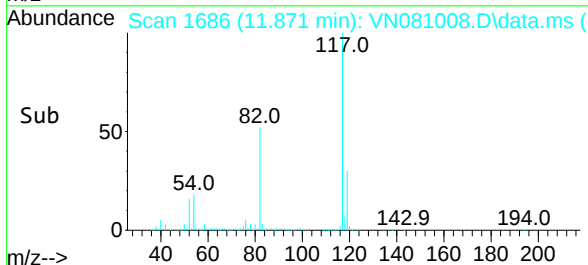
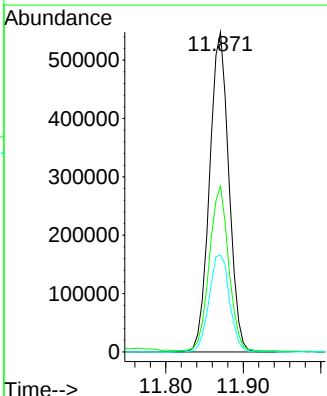
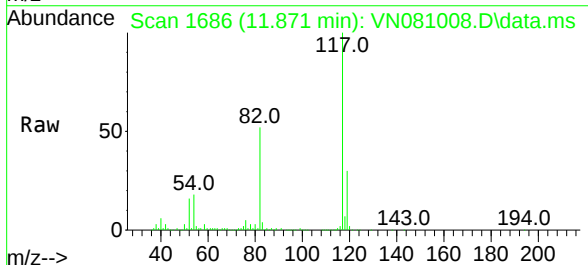
Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	120.4
176	75.6	0.0	121.0

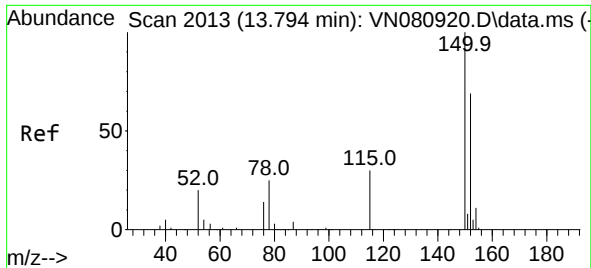


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081008.D
Acq: 12 Feb 2024 17:09

Tgt Ion: 117 Resp: 945109

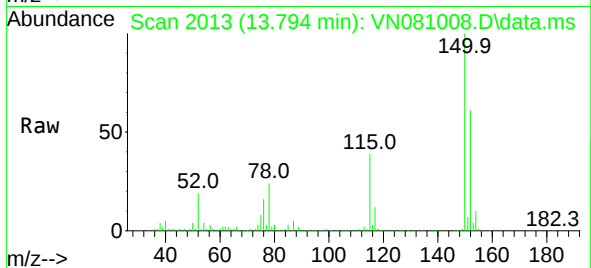
Ion	Ratio	Lower	Upper
117	100		
82	51.4	52.7	79.1#
119	30.3	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081008.D
 Acq: 12 Feb 2024 17:09

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 362850
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 162.0 0.0 339.8

