

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081076.D
 Acq On : 19 Feb 2024 15:18
 Operator : JC\MD
 Sample : PB159057ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#04

Quant Time: Feb 20 00:23:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

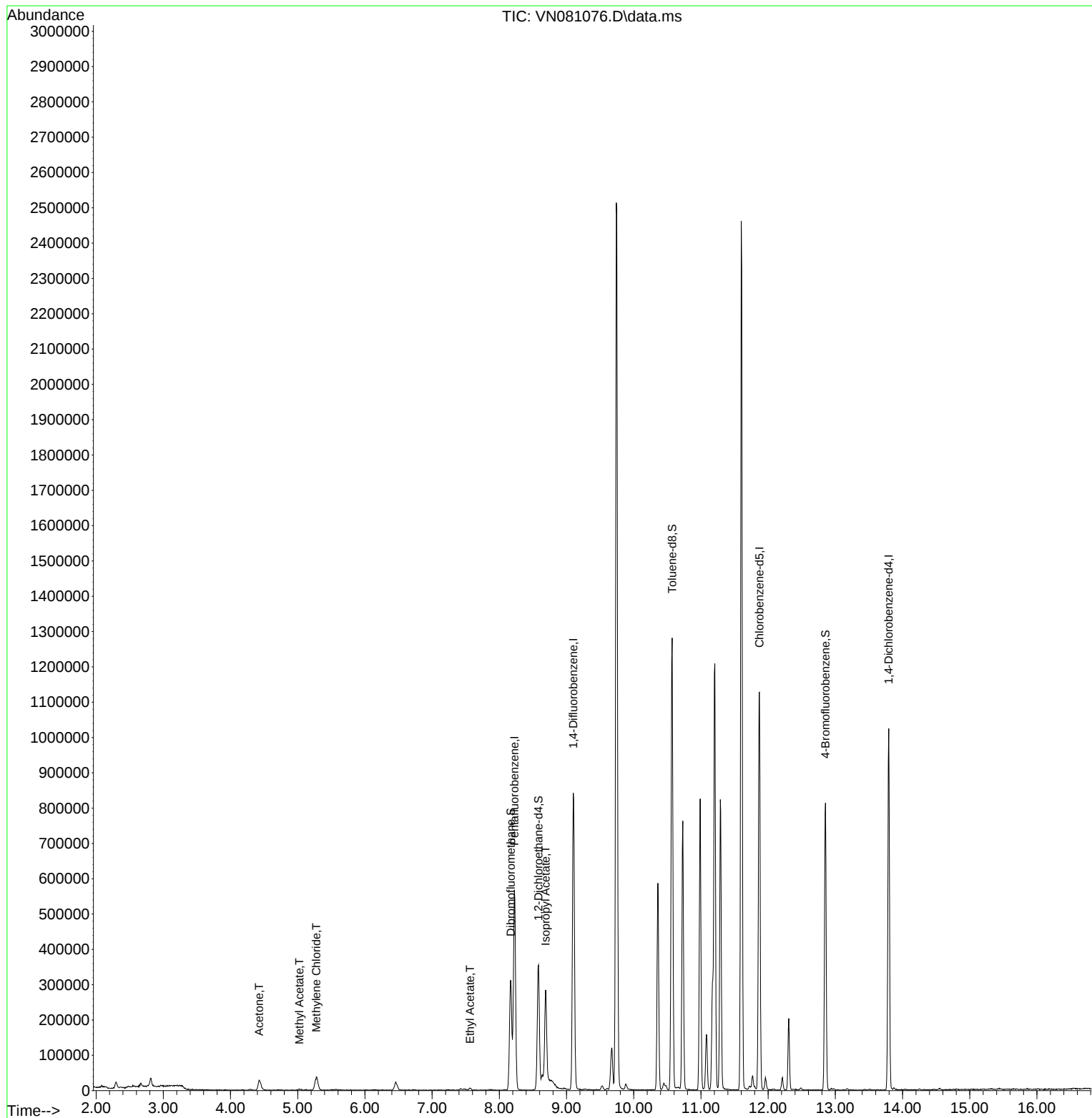
Internal Standards						
1) Pentafluorobenzene	8.224	168	400190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	756479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	663494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	284849	58.071	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.140%	
35) Dibromofluoromethane	8.171	113	226865	53.035	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.060%	
50) Toluene-d8	10.571	98	876435	57.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 115.380%#	
62) 4-Bromofluorobenzene	12.853	95	292081	51.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	55134	28.565	ug/l	92
18) Methyl Acetate	5.024	43	5244	1.114	ug/l #	89
20) Methylene Chloride	5.277	84	30491	5.275	ug/l #	88
37) Ethyl Acetate	7.565	43	8302	1.255	ug/l #	94
43) Isopropyl Acetate	8.688	43	378253	32.699	ug/l #	87

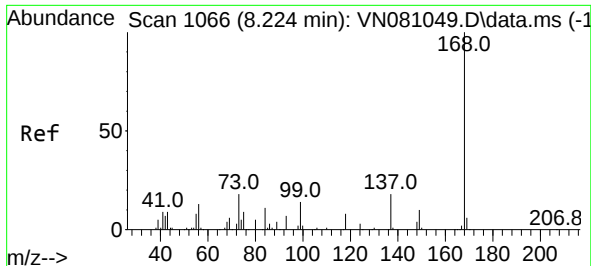
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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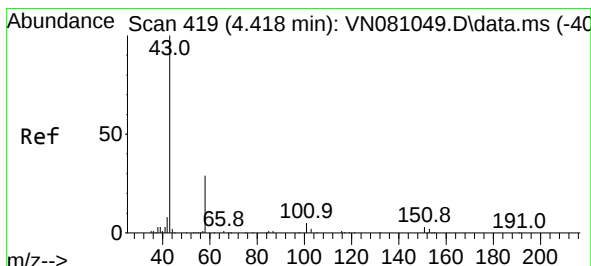
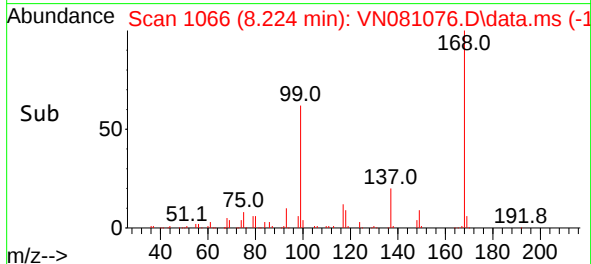
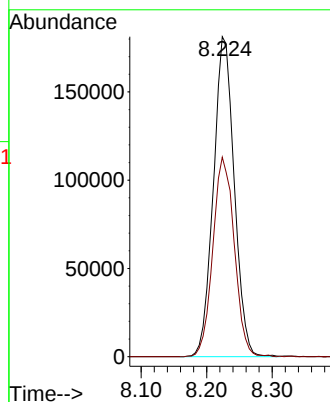
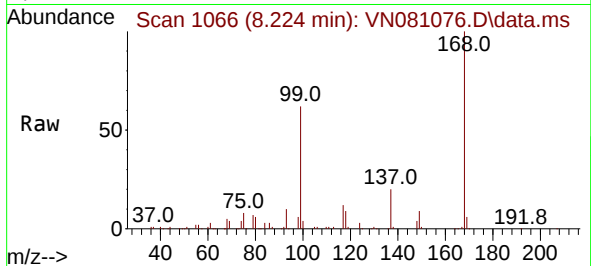




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081076.D
Acq: 19 Feb 2024 15:18

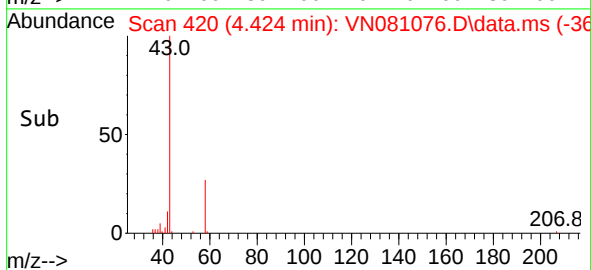
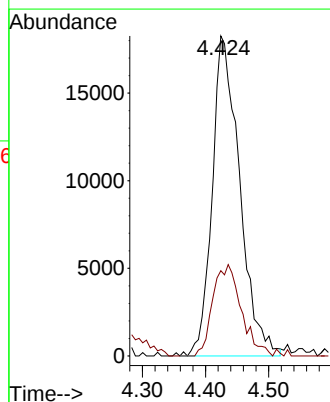
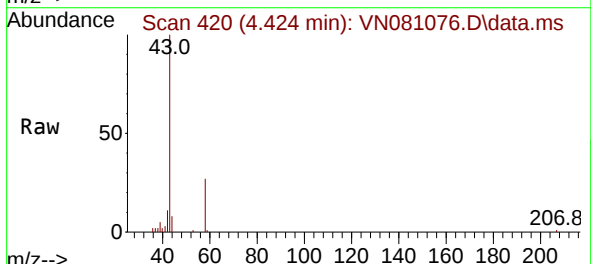
Instrument :
MSVOA_N
ClientSampleId :
PB159057ZHE#04

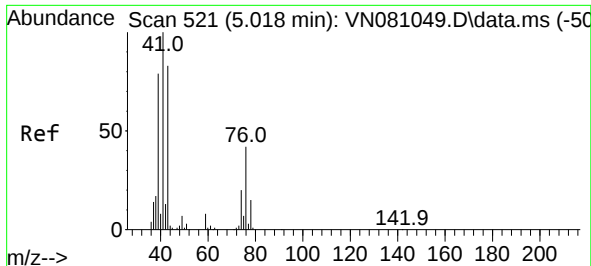
Tgt Ion:168 Resp: 400190
Ion Ratio Lower Upper
168 100
99 62.4 59.9 89.9



#16
Acetone
Concen: 28.565 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081076.D
Acq: 19 Feb 2024 15:18

Tgt Ion: 43 Resp: 55134
Ion Ratio Lower Upper
43 100
58 26.6 24.8 37.2





#18

Methyl Acetate

Concen: 1.114 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN081076.D

Acq: 19 Feb 2024 15:18

Instrument :

MSVOA_N

ClientSampleId :

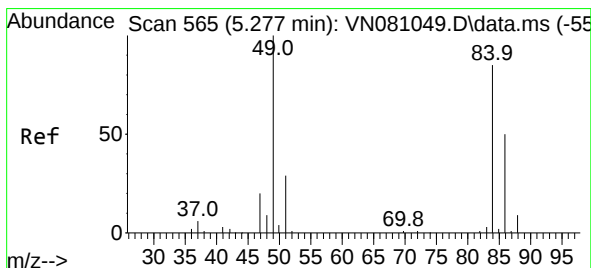
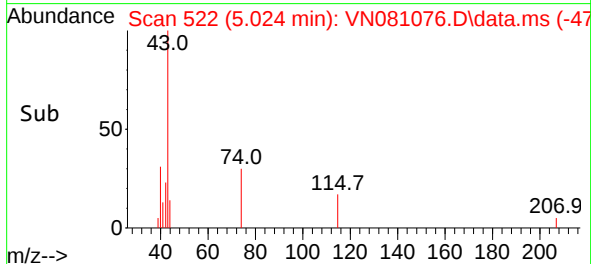
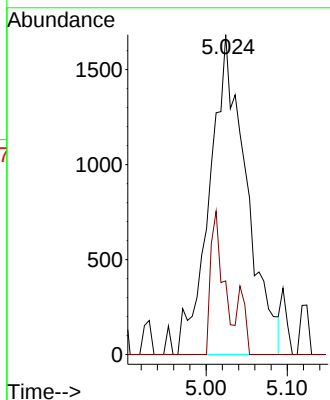
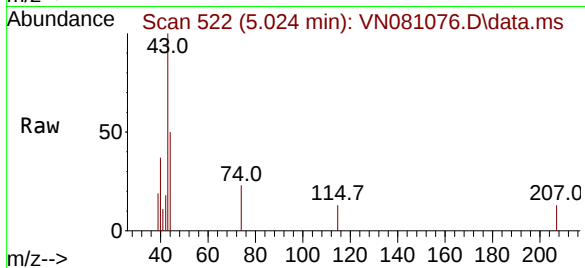
PB159057ZHE#04

Tgt Ion: 43 Resp: 5244

Ion Ratio Lower Upper

43 100

74 16.3 17.3 25.9#



#20

Methylene Chloride

Concen: 5.275 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN081076.D

Acq: 19 Feb 2024 15:18

Tgt Ion: 84 Resp: 30491

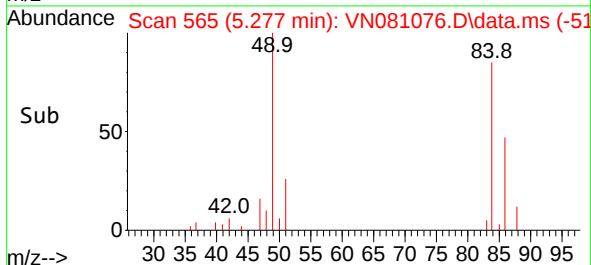
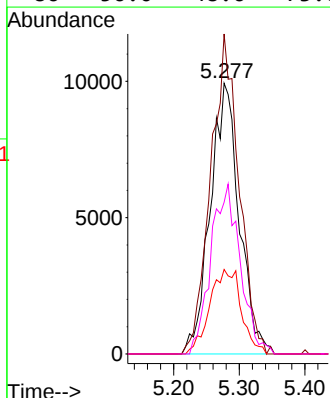
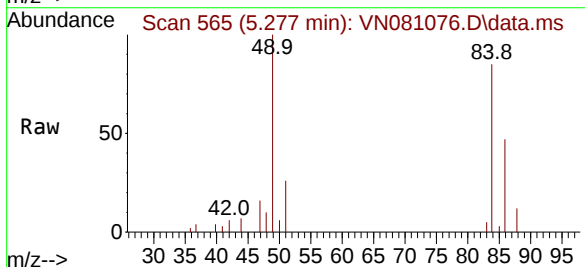
Ion Ratio Lower Upper

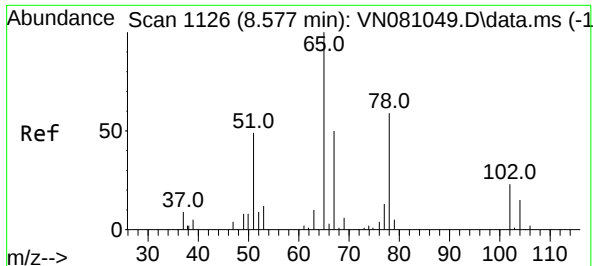
84 100

49 118.2 108.1 162.1

51 31.2 32.9 49.3#

86 56.0 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 58.071 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081076.D

Acq: 19 Feb 2024 15:18

Instrument :

MSVOA_N

ClientSampleId :

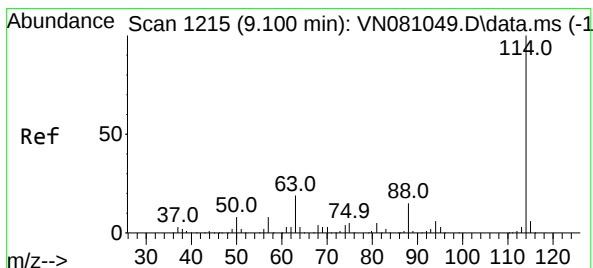
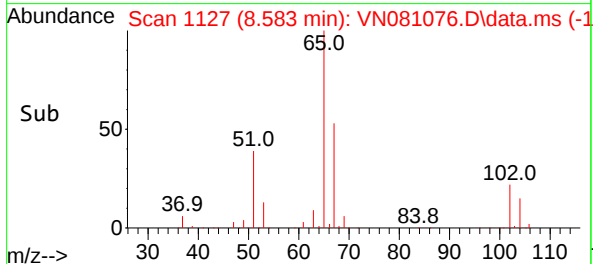
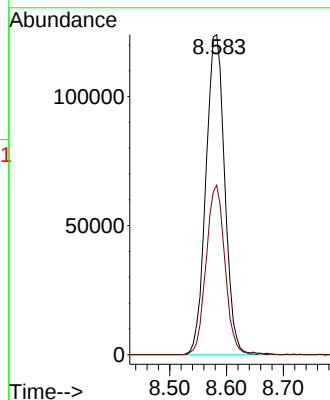
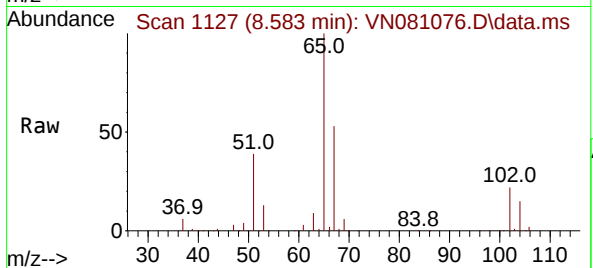
PB159057ZHE#04

Tgt Ion: 65 Resp: 284849

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081076.D

Acq: 19 Feb 2024 15:18

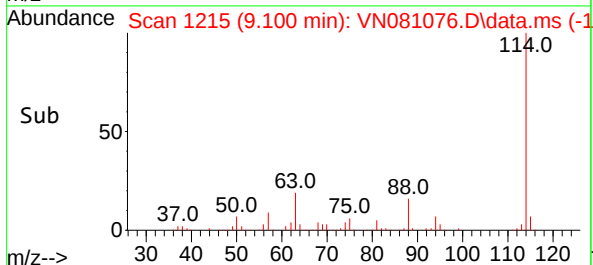
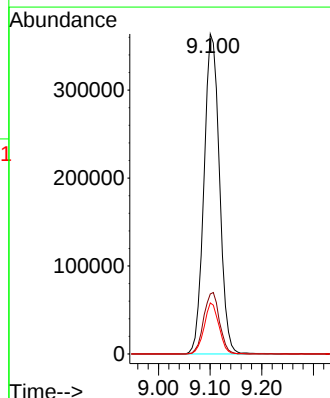
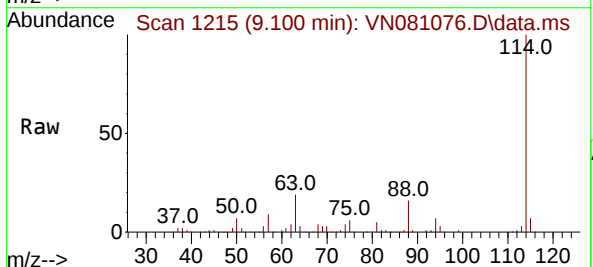
Tgt Ion: 114 Resp: 756479

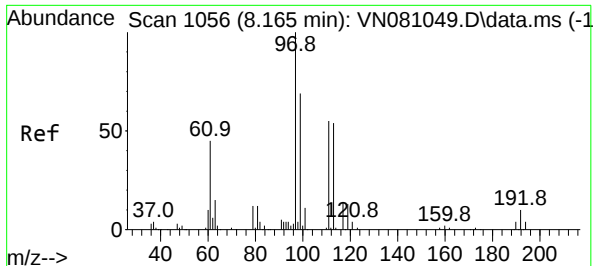
Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.035 ug/l

RT: 8.171 min Scan# 113

Delta R.T. 0.006 min

Lab File: VN081076.D

Acq: 19 Feb 2024 15:18

Instrument :

MSVOA_N

ClientSampleId :

PB159057ZHE#04

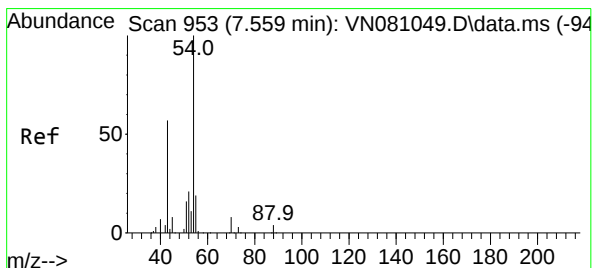
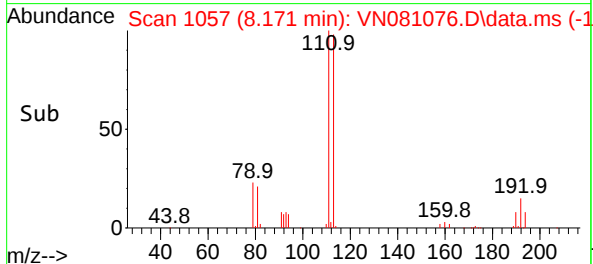
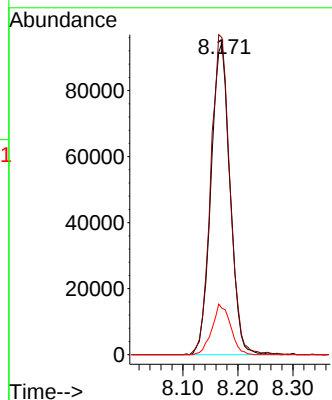
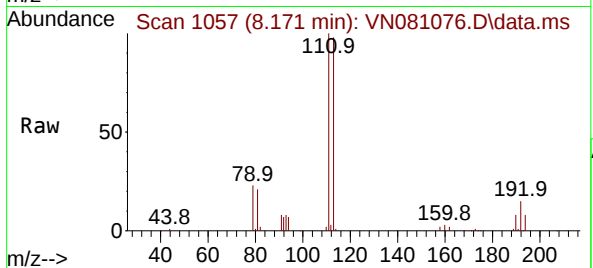
Tgt Ion:113 Resp: 226865

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 15.8 12.5 18.7



#37

Ethyl Acetate

Concen: 1.255 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.006 min

Lab File: VN081076.D

Acq: 19 Feb 2024 15:18

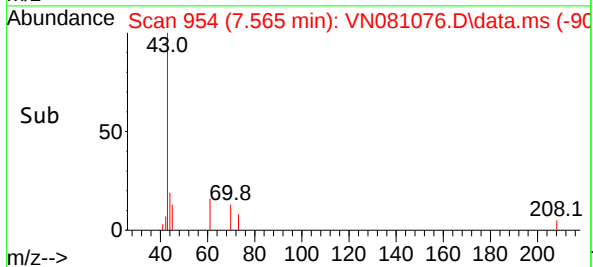
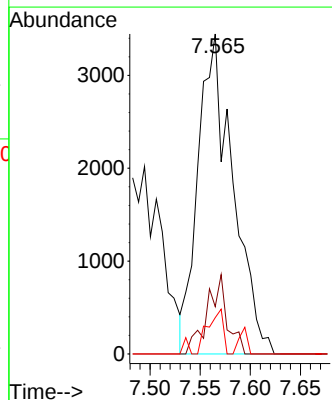
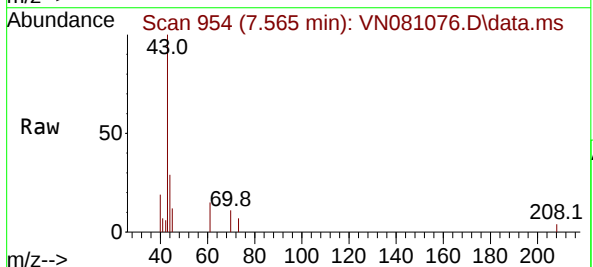
Tgt Ion: 43 Resp: 8302

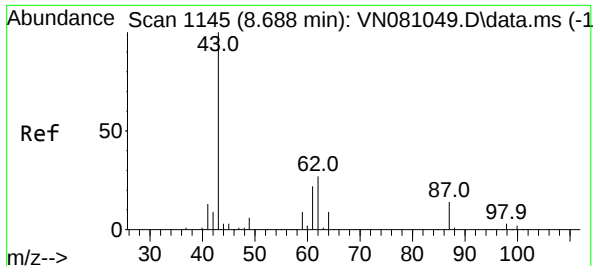
Ion Ratio Lower Upper

43 100

61 14.4 10.6 15.8

70 6.2 8.0 12.0#

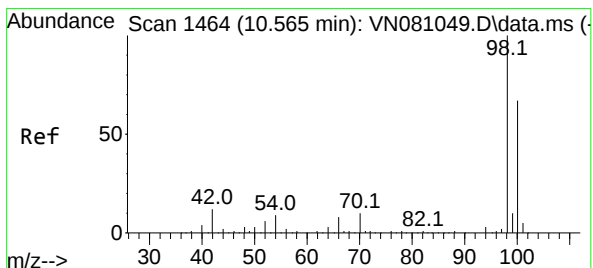
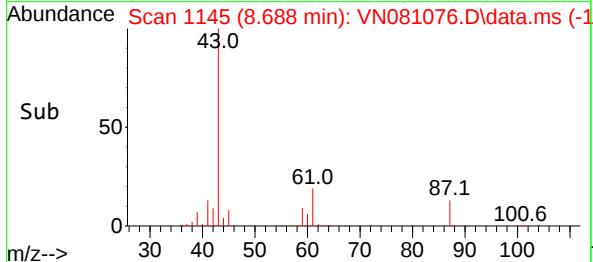
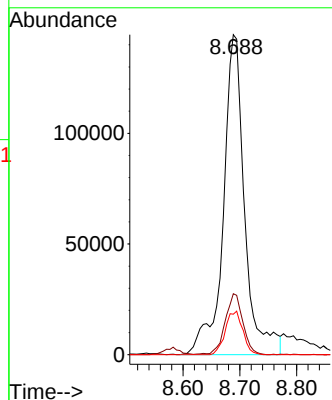
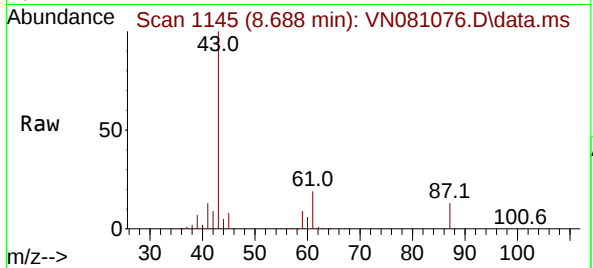




#43
Isopropyl Acetate
Concen: 32.699 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081076.D
Acq: 19 Feb 2024 15:18

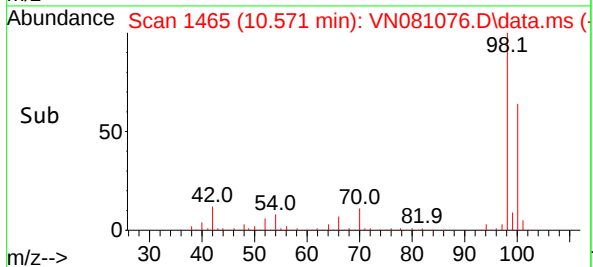
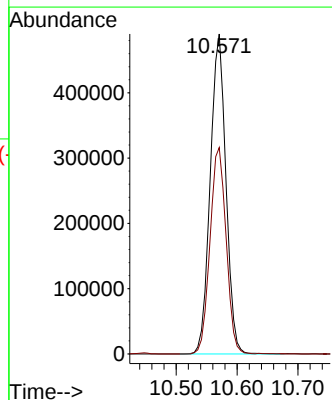
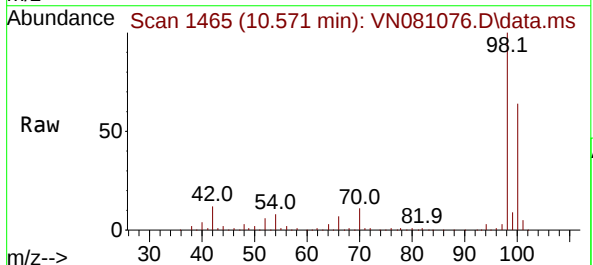
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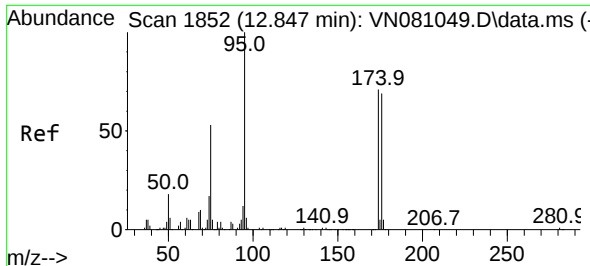
Tgt Ion: 43 Resp: 378253
Ion Ratio Lower Upper
43 100
61 15.8 19.9 29.9#
87 11.1 9.0 13.6



#50
Toluene-d8
Concen: 57.686 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081076.D
Acq: 19 Feb 2024 15:18

Tgt Ion: 98 Resp: 876435
Ion Ratio Lower Upper
98 100
100 66.2 51.4 77.0

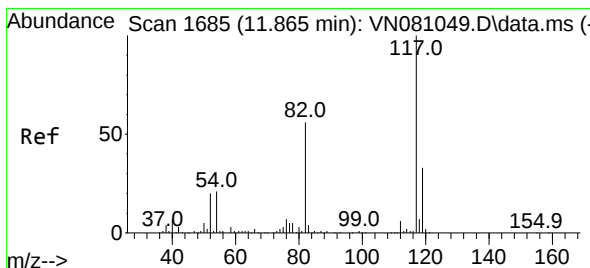
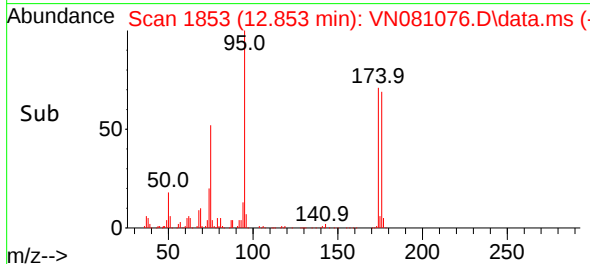
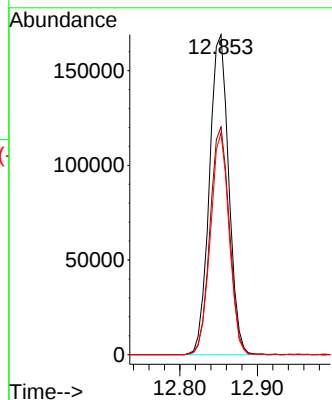
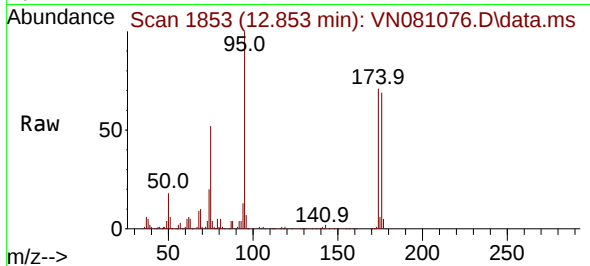




#62
4-Bromofluorobenzene
Concen: 51.163 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081076.D
Acq: 19 Feb 2024 15:18

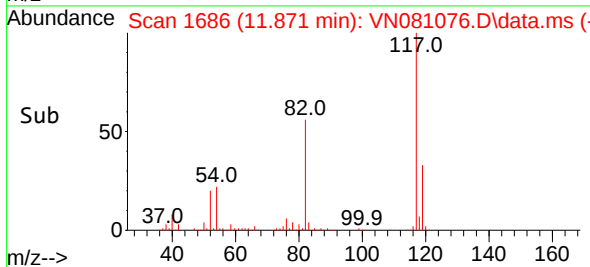
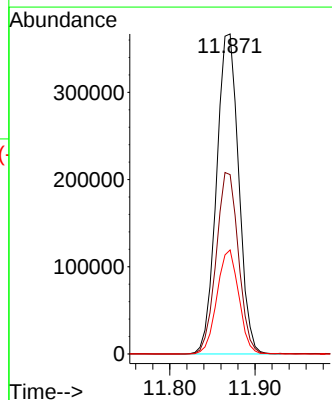
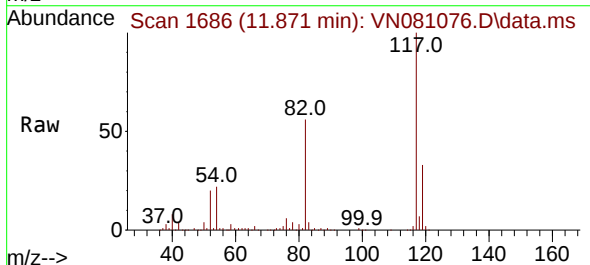
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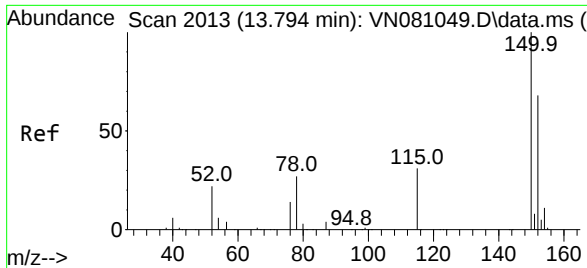
Tgt Ion:	95	Resp:	292081
Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	120.4
176	67.2	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081076.D
Acq: 19 Feb 2024 15:18

Tgt Ion:	117	Resp:	663494
Ion	Ratio	Lower	Upper
117	100		
82	56.0	52.7	79.1
119	32.5	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: VN081076.D
 Acq: 19 Feb 2024 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB159057ZHE#04

Tgt Ion:152 Resp: 268584
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 157.7 0.0 339.8

