

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081175.D
 Acq On : 23 Feb 2024 21:45
 Operator : JC\MD
 Sample : P1574-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-5

Quant Time: Feb 24 01:11:19 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)

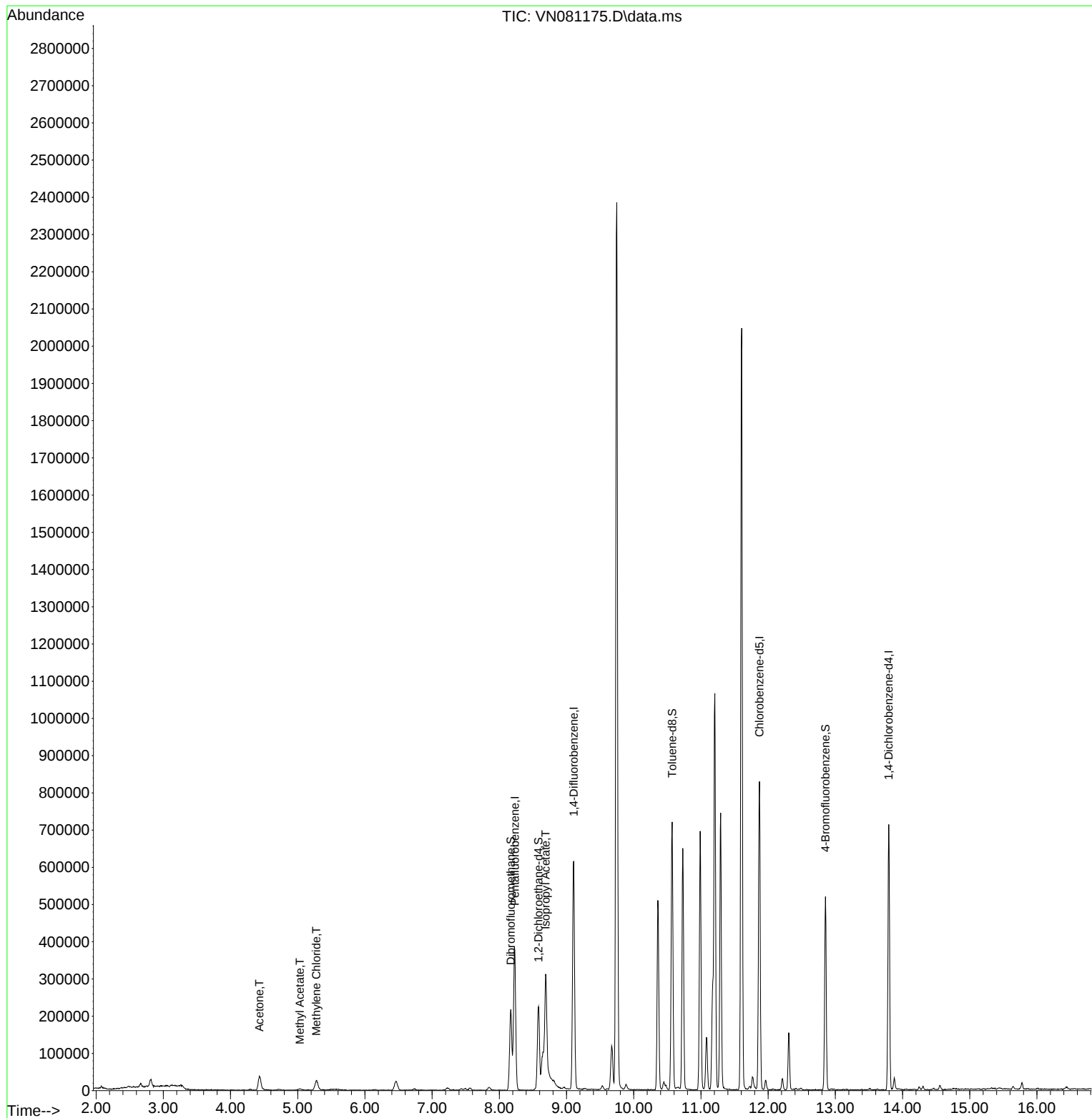
Internal Standards						
1) Pentafluorobenzene	8.230	168	265146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	532812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	479388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182570	56.176	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.360%	
35) Dibromofluoromethane	8.171	113	152571	50.639	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.280%	
50) Toluene-d8	10.571	98	486089	45.425	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	90.840%	
62) 4-Bromofluorobenzene	12.853	95	175088	43.544	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	87.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	69834	54.610	ug/l	95
18) Methyl Acetate	5.030	43	7463	2.392	ug/l	98
20) Methylene Chloride	5.277	84	19889	5.179	ug/l	90
43) Isopropyl Acetate	8.688	43	474512	58.241	ug/l #	80

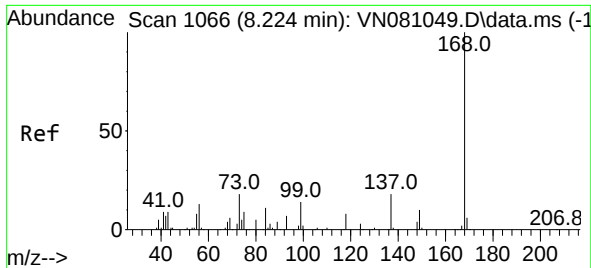
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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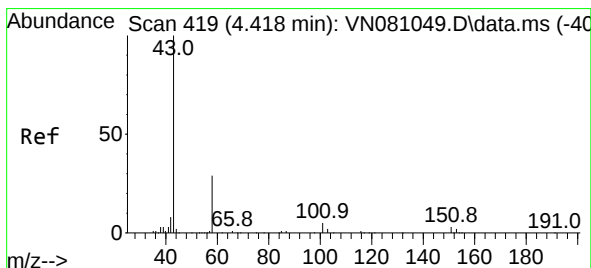
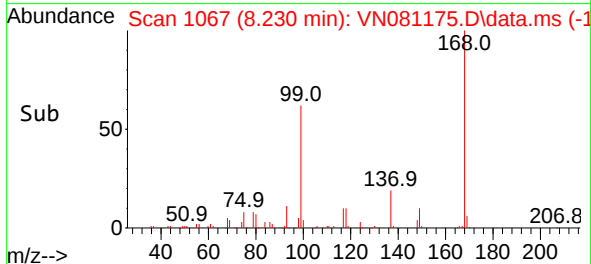
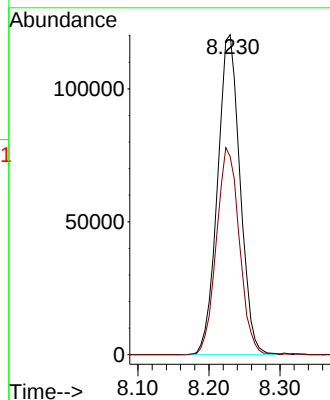
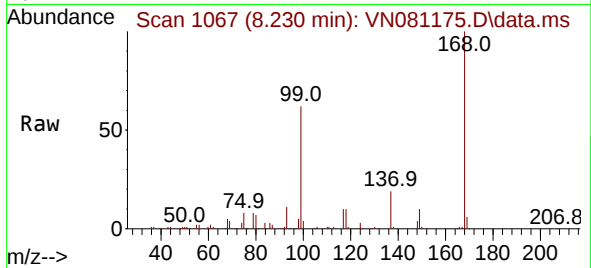




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081175.D
Acq: 23 Feb 2024 21:45

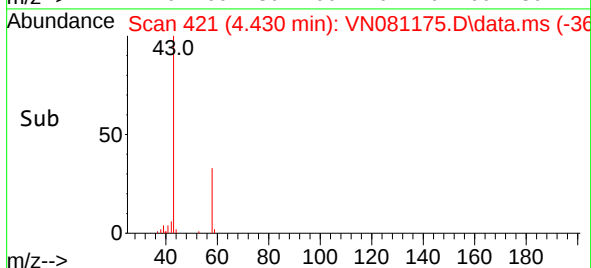
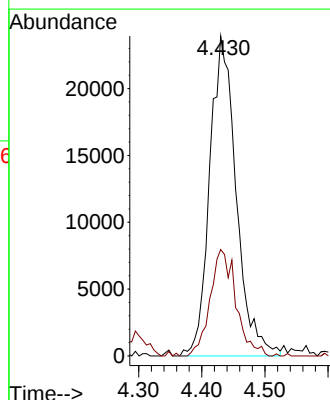
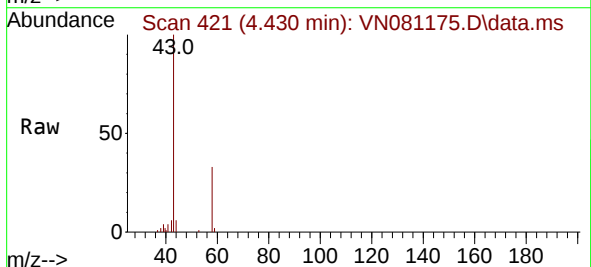
Instrument :
MSVOA_N
ClientSampleId :
SB-5

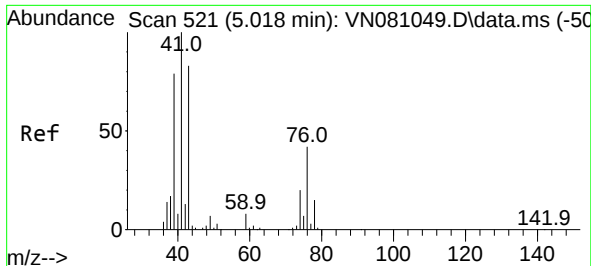
Tgt Ion:168 Resp: 265146
Ion Ratio Lower Upper
168 100
99 61.9 59.9 89.9



#16
Acetone
Concen: 54.610 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081175.D
Acq: 23 Feb 2024 21:45

Tgt Ion: 43 Resp: 69834
Ion Ratio Lower Upper
43 100
58 33.8 24.8 37.2

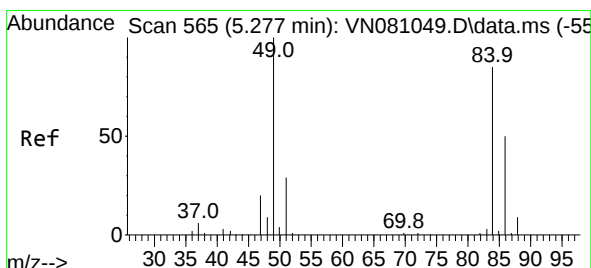
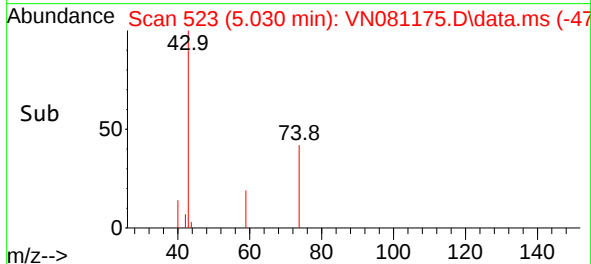
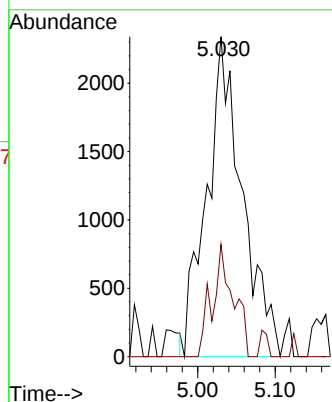
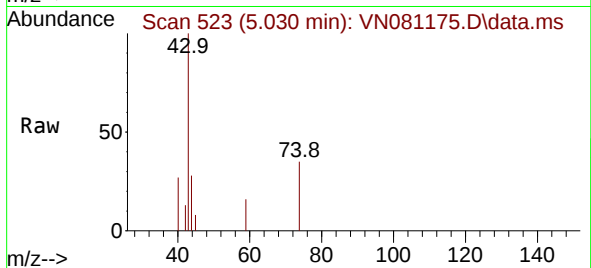




#18
Methyl Acetate
Concen: 2.392 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081175.D
Acq: 23 Feb 2024 21:45

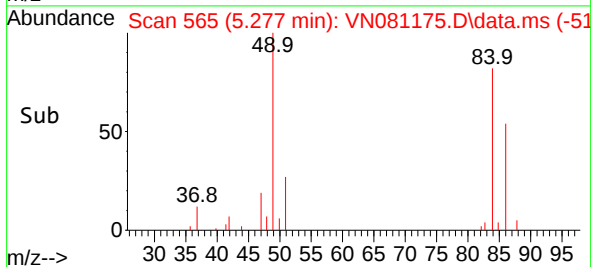
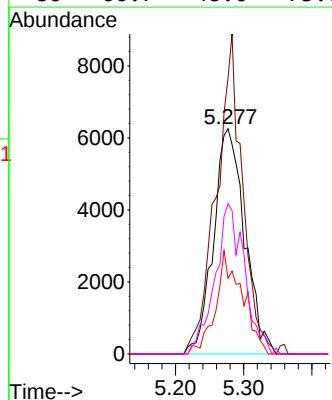
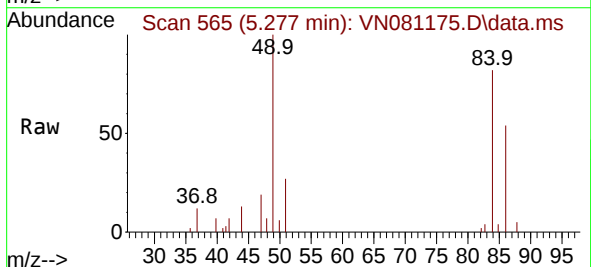
Instrument :
MSVOA_N
ClientSampleId :
SB-5

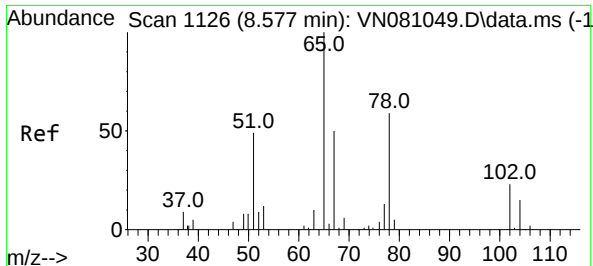
Tgt Ion: 43 Resp: 7463
Ion Ratio Lower Upper
43 100
74 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 5.179 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081175.D
Acq: 23 Feb 2024 21:45

Tgt Ion: 84 Resp: 19889
Ion Ratio Lower Upper
84 100
49 122.5 108.1 162.1
51 33.6 32.9 49.3
86 66.7 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 56.176 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081175.D

Acq: 23 Feb 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

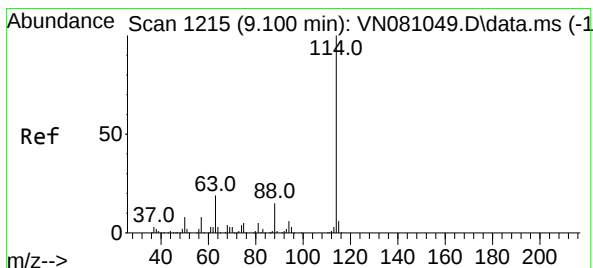
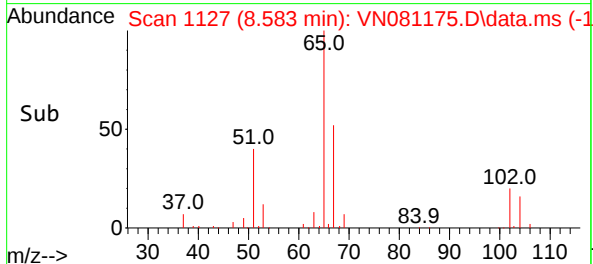
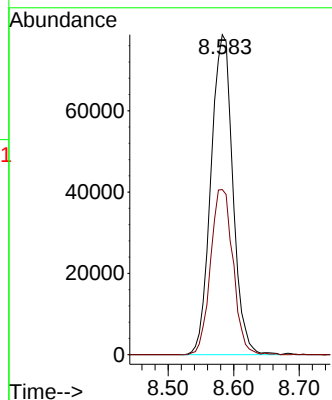
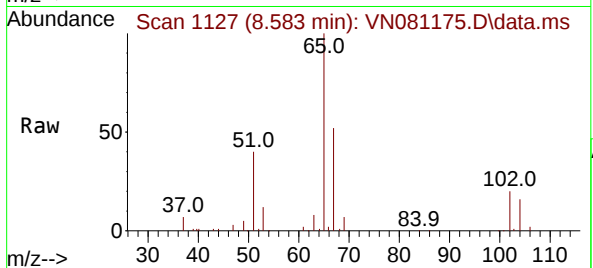
SB-5

Tgt Ion: 65 Resp: 182570

Ion Ratio Lower Upper

65 100

67 53.0 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: VN081175.D

Acq: 23 Feb 2024 21:45

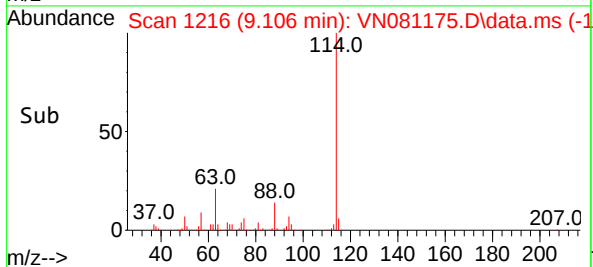
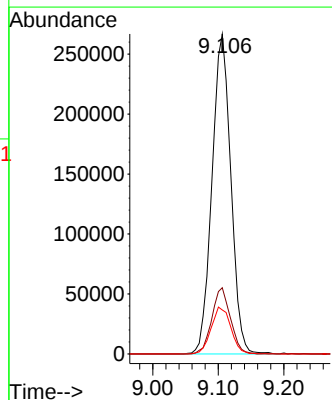
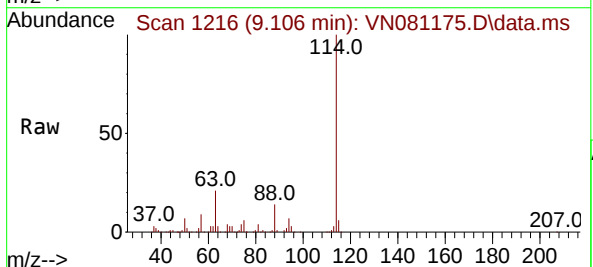
Tgt Ion: 114 Resp: 532812

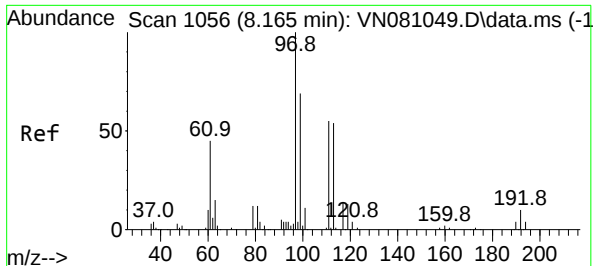
Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

88 13.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.639 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN081175.D

Acq: 23 Feb 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

SB-5

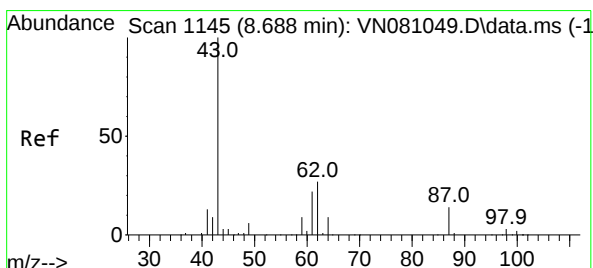
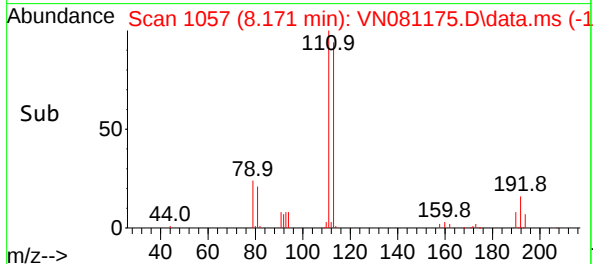
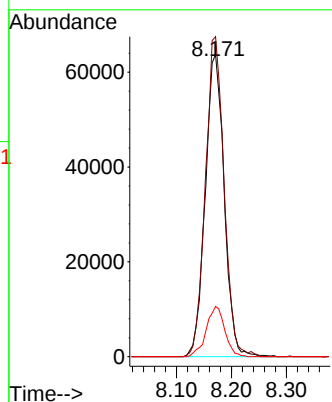
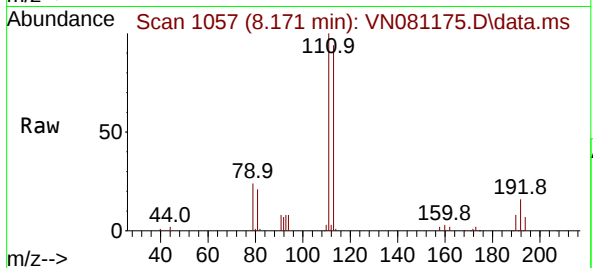
Tgt Ion:113 Resp: 152571

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 16.2 12.5 18.7



#43

Isopropyl Acetate

Concen: 58.241 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081175.D

Acq: 23 Feb 2024 21:45

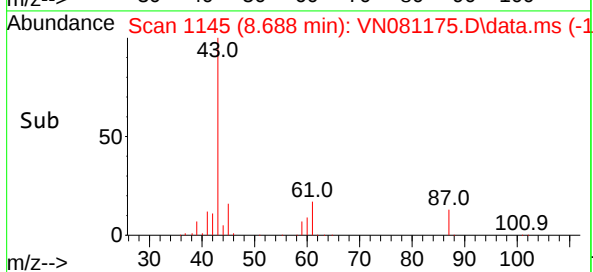
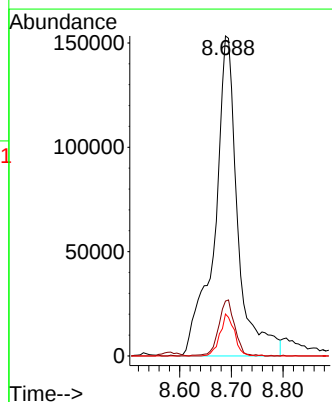
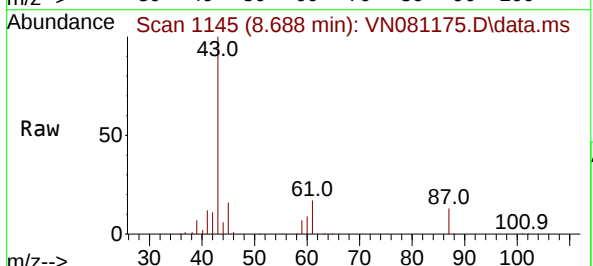
Tgt Ion: 43 Resp: 474512

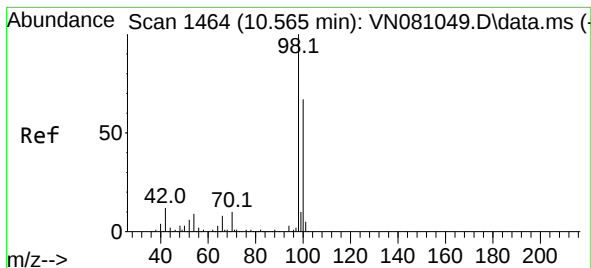
Ion Ratio Lower Upper

43 100

61 12.3 19.9 29.9#

87 8.2 9.0 13.6#





#50

Toluene-d8

Concen: 45.425 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081175.D

Acq: 23 Feb 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

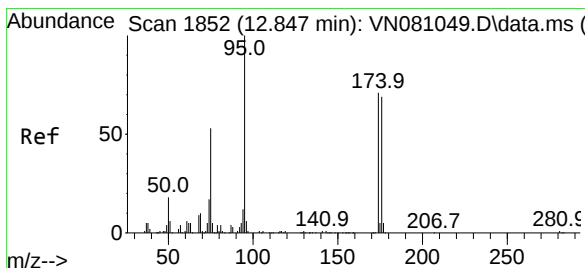
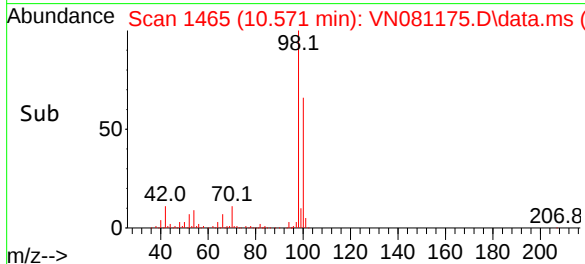
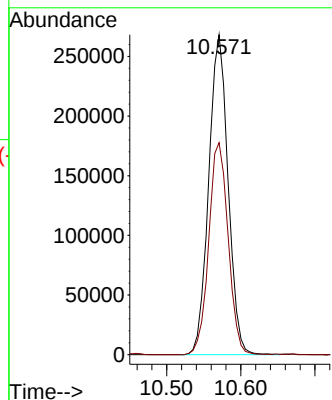
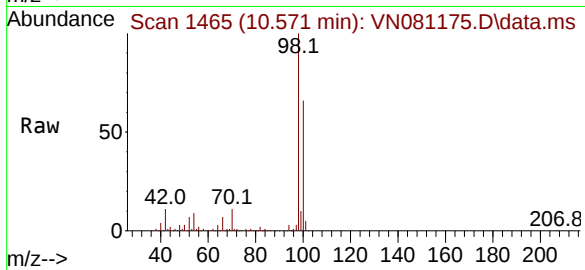
SB-5

Tgt Ion: 98 Resp: 486089

Ion Ratio Lower Upper

98 100

100 66.5 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 43.544 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081175.D

Acq: 23 Feb 2024 21:45

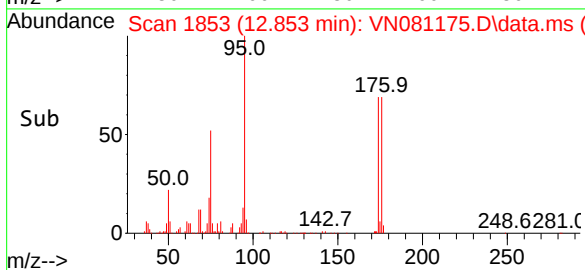
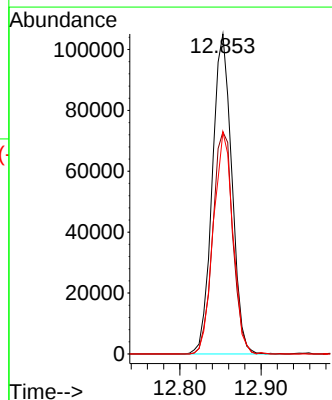
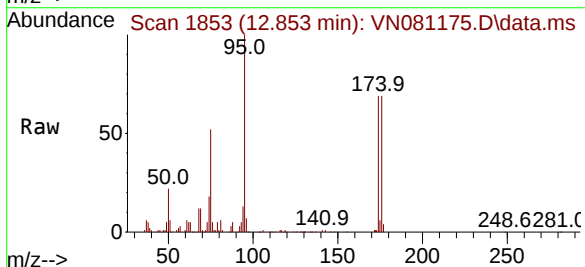
Tgt Ion: 95 Resp: 175088

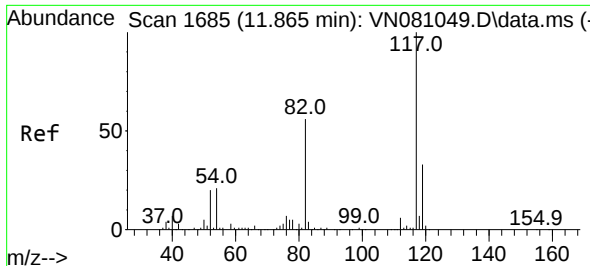
Ion Ratio Lower Upper

95 100

174 71.6 0.0 120.4

176 69.6 0.0 121.0

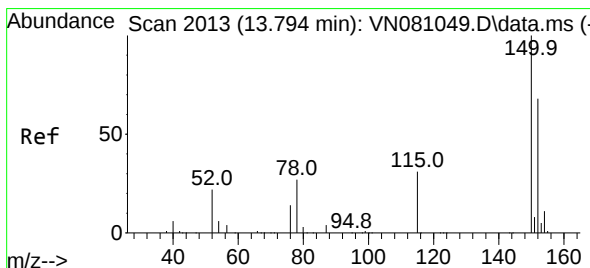
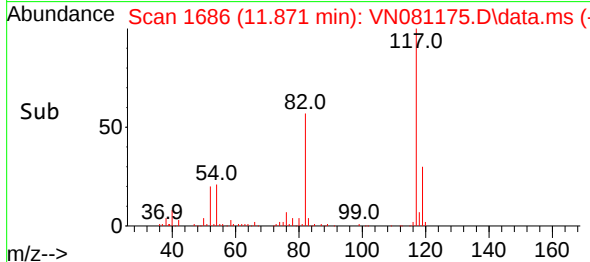
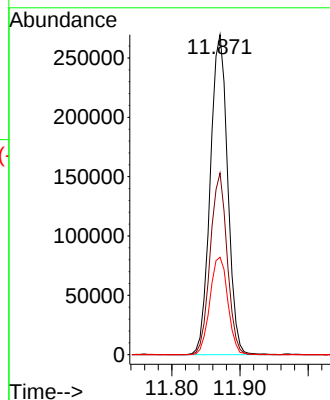
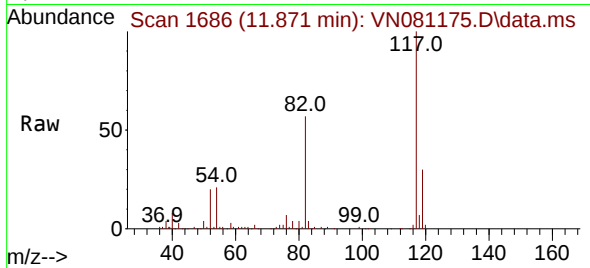




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081175.D
Acq: 23 Feb 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
SB-5

Tgt Ion:117 Resp: 479388
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 30.5 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: VN081175.D
Acq: 23 Feb 2024 21:45

Tgt Ion:152 Resp: 184679
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 157.9 0.0 339.8

