

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081179.D
 Acq On : 23 Feb 2024 23:22
 Operator : JC\MD
 Sample : P1574-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-9

Quant Time: Feb 24 01:13:15 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)

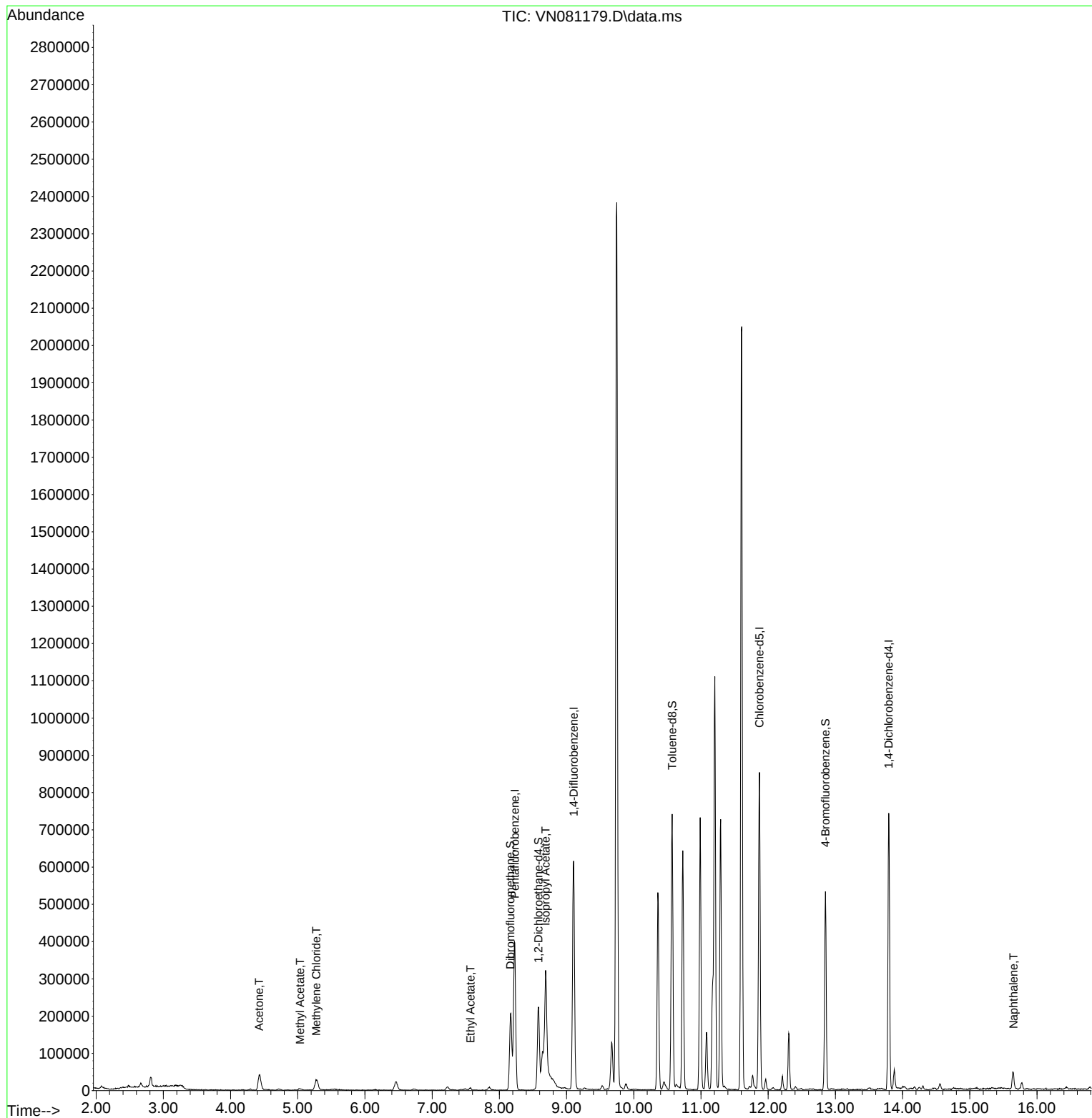
Internal Standards						
1) Pentafluorobenzene	8.229	168	271766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	531898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	477463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173672	52.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.280%	
35) Dibromofluoromethane	8.165	113	150018	49.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.760%	
50) Toluene-d8	10.571	98	501214	46.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.840%	
62) 4-Bromofluorobenzene	12.853	95	182980	45.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	77745	59.315	ug/l	98
18) Methyl Acetate	5.036	43	9076	2.839	ug/l	94
20) Methylene Chloride	5.277	84	22606	5.846	ug/l #	81
37) Ethyl Acetate	7.571	43	7683	1.652	ug/l #	94
43) Isopropyl Acetate	8.688	43	520600	64.007	ug/l #	77
95) Naphthalene	15.653	128	41113	2.956	ug/l #	95

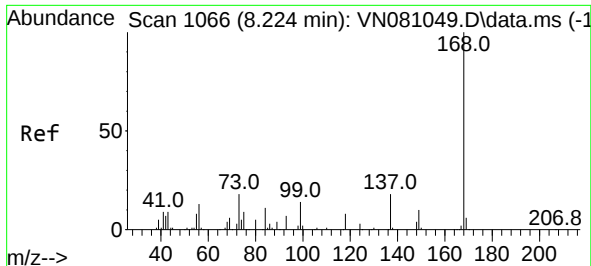
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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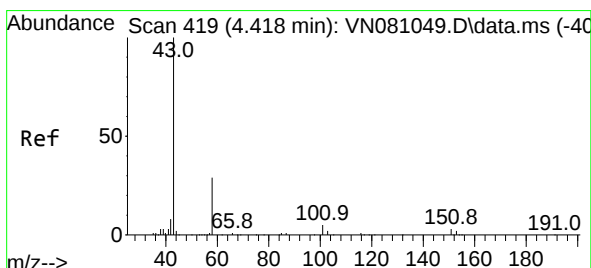
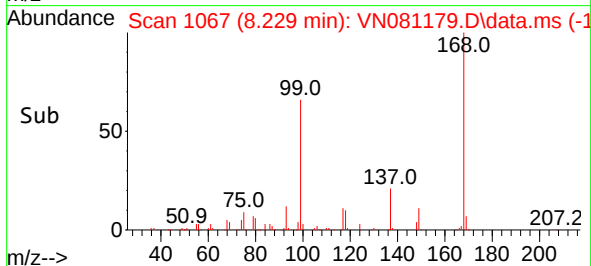
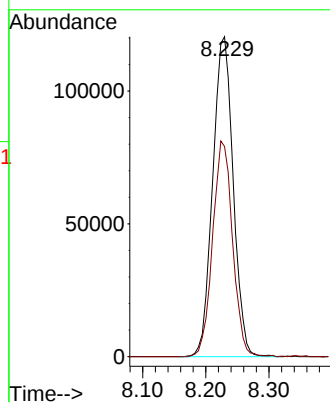
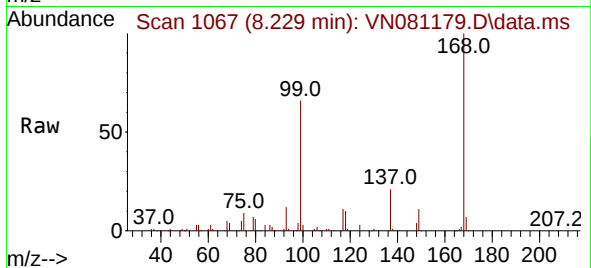




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081179.D
Acq: 23 Feb 2024 23:22

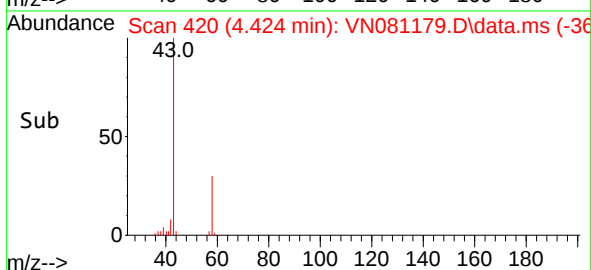
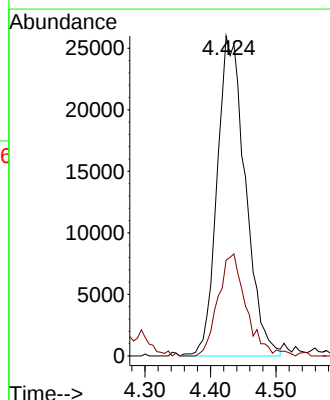
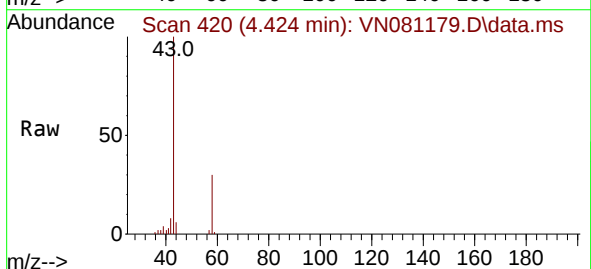
Instrument :
MSVOA_N
ClientSampleId :
SB-9

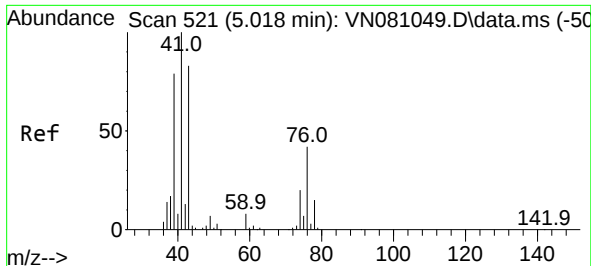
Tgt Ion:168 Resp: 271766
Ion Ratio Lower Upper
168 100
99 65.7 59.9 89.9



#16
Acetone
Concen: 59.315 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081179.D
Acq: 23 Feb 2024 23:22

Tgt Ion: 43 Resp: 77745
Ion Ratio Lower Upper
43 100
58 30.0 24.8 37.2





#18

Methyl Acetate

Concen: 2.839 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.017 min

Lab File: VN081179.D

Acq: 23 Feb 2024 23:22

Instrument :

MSVOA_N

ClientSampleId :

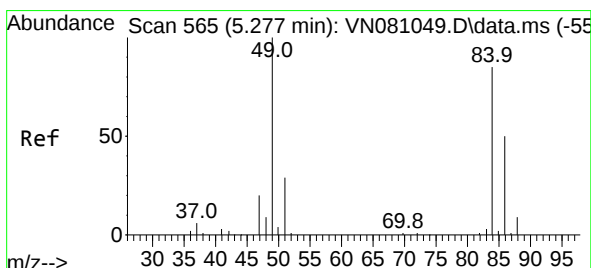
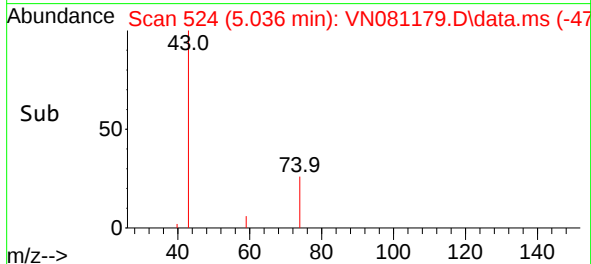
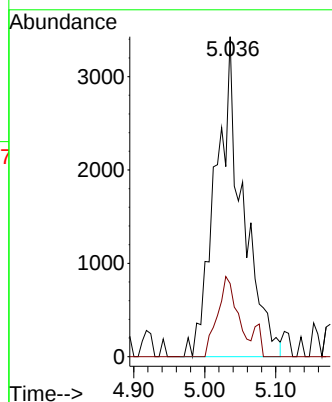
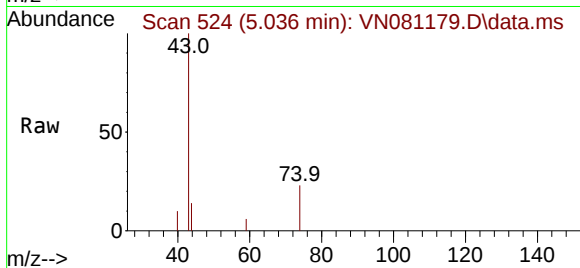
SB-9

Tgt Ion: 43 Resp: 9076

Ion Ratio Lower Upper

43 100

74 18.9 17.3 25.9



#20

Methylene Chloride

Concen: 5.846 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN081179.D

Acq: 23 Feb 2024 23:22

Tgt Ion: 84 Resp: 22606

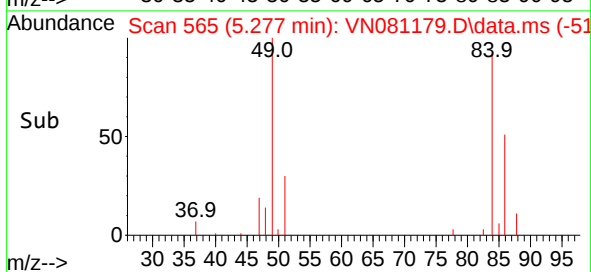
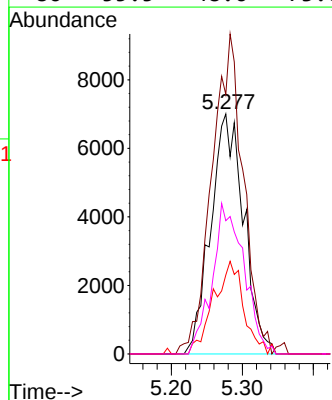
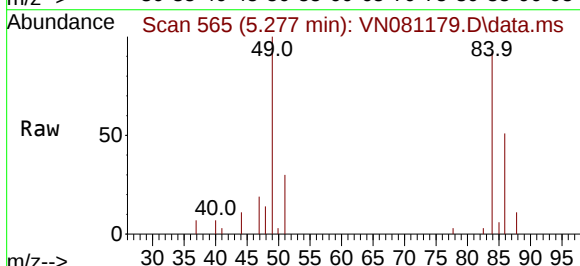
Ion Ratio Lower Upper

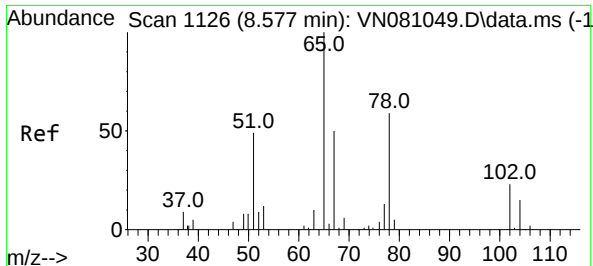
84 100

49 104.8 108.1 162.1#

51 32.9 32.9 49.3#

86 55.5 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 52.137 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081179.D

Acq: 23 Feb 2024 23:22

Instrument :

MSVOA_N

ClientSampleId :

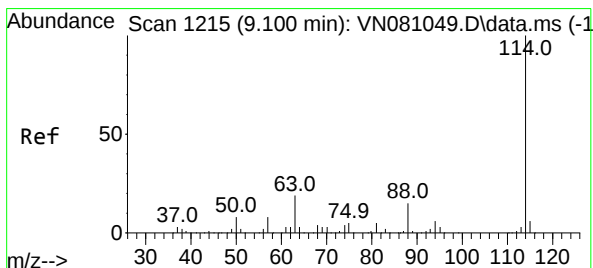
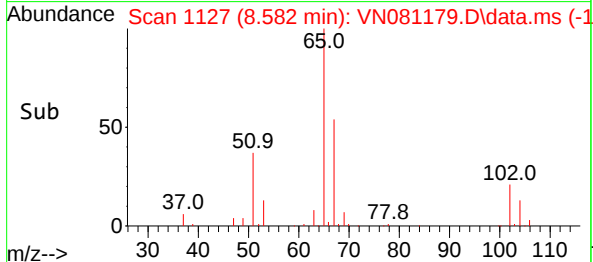
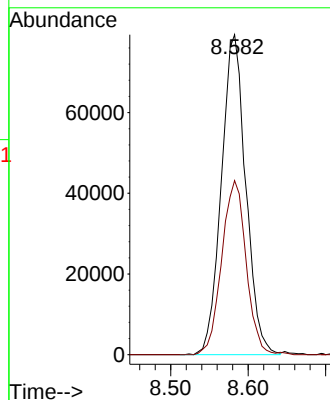
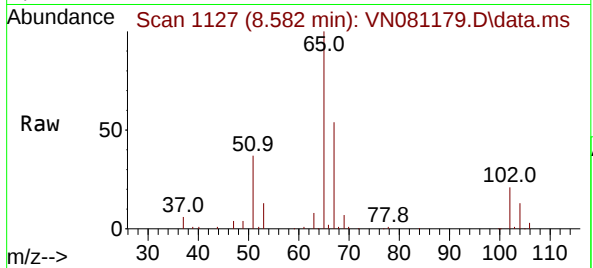
SB-9

Tgt Ion: 65 Resp: 173672

Ion Ratio Lower Upper

65 100

67 54.6 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: VN081179.D

Acq: 23 Feb 2024 23:22

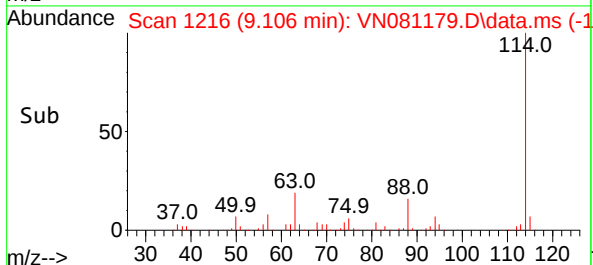
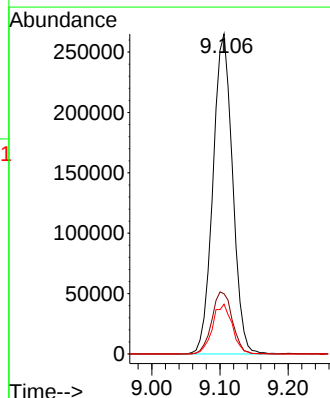
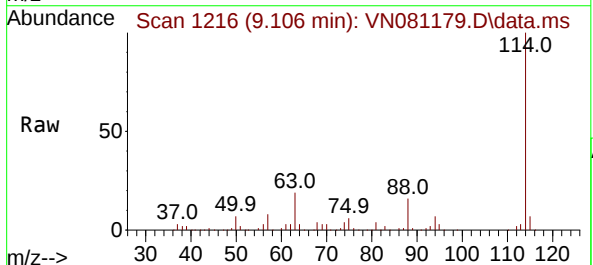
Tgt Ion: 114 Resp: 531898

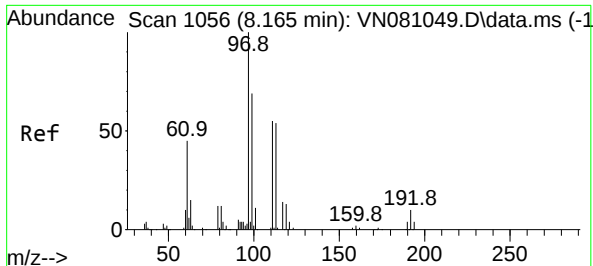
Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.878 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081179.D

Acq: 23 Feb 2024 23:22

Instrument :

MSVOA_N

ClientSampleId :

SB-9

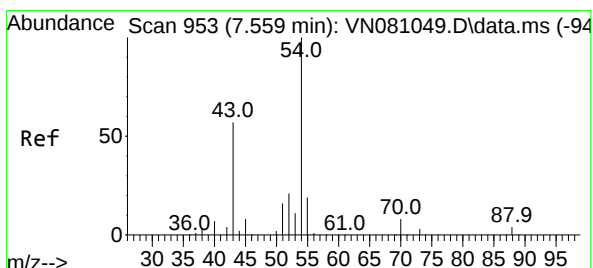
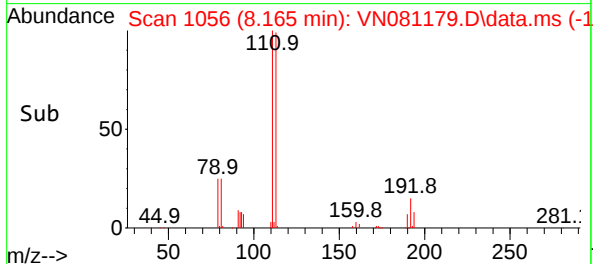
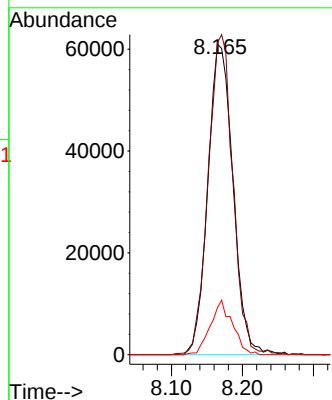
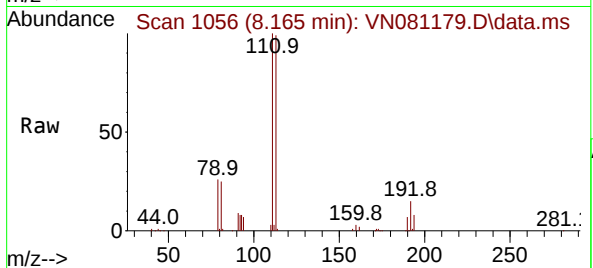
Tgt Ion:113 Resp: 150018

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 15.4 12.5 18.7



#37

Ethyl Acetate

Concen: 1.652 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN081179.D

Acq: 23 Feb 2024 23:22

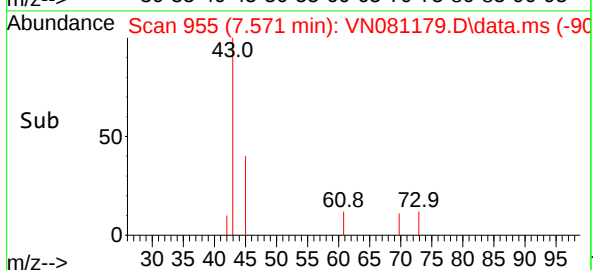
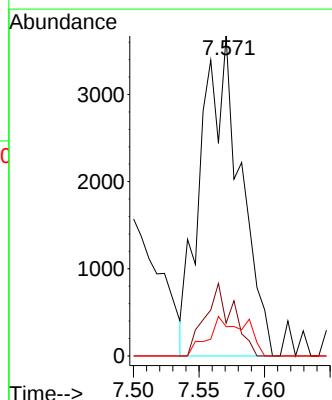
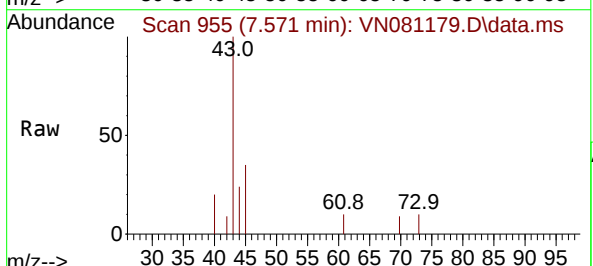
Tgt Ion: 43 Resp: 7683

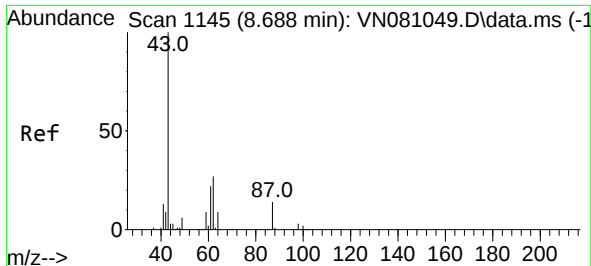
Ion Ratio Lower Upper

43 100

61 16.1 10.6 15.8#

70 11.6 8.0 12.0

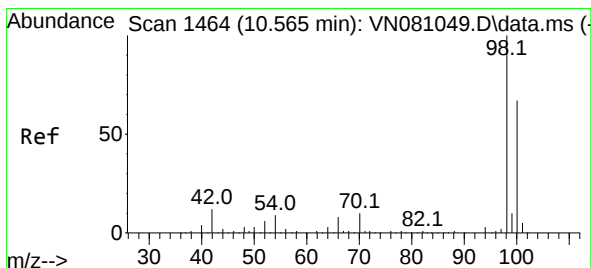
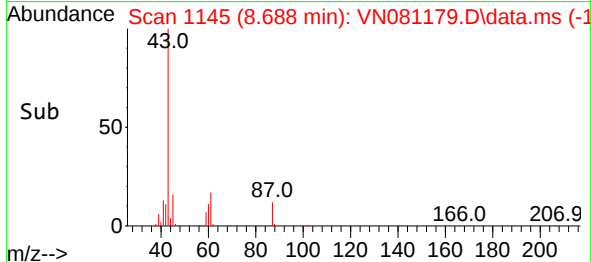
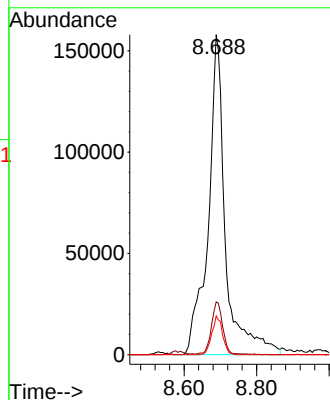
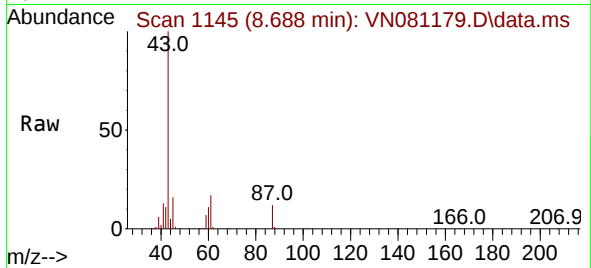




#43
Isopropyl Acetate
Concen: 64.007 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081179.D
Acq: 23 Feb 2024 23:22

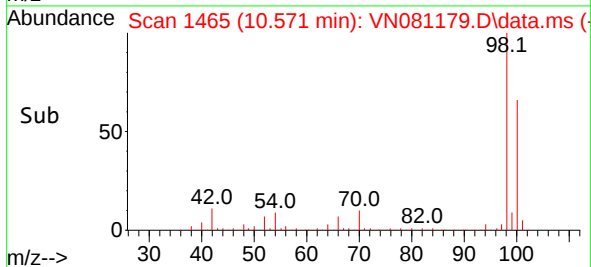
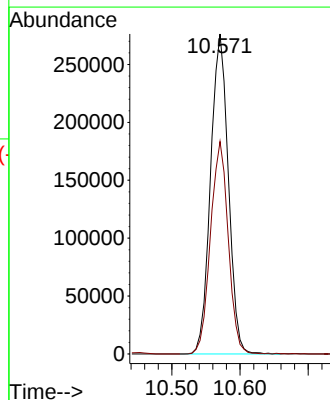
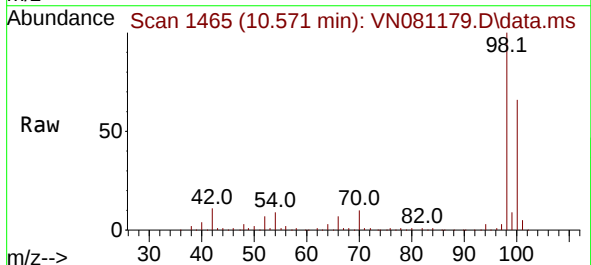
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SB-9

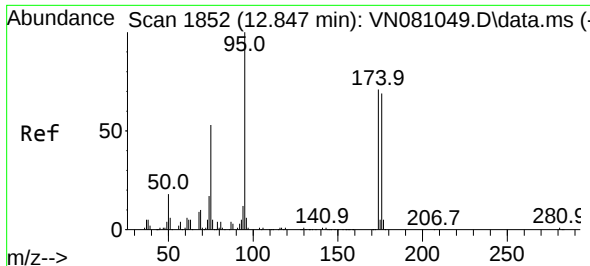
Tgt Ion: 43 Resp: 520600
Ion Ratio Lower Upper
43 100
61 10.8 19.9 29.9#
87 7.5 9.0 13.6#



#50
Toluene-d8
Concen: 46.919 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081179.D
Acq: 23 Feb 2024 23:22

Tgt Ion: 98 Resp: 501214
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0

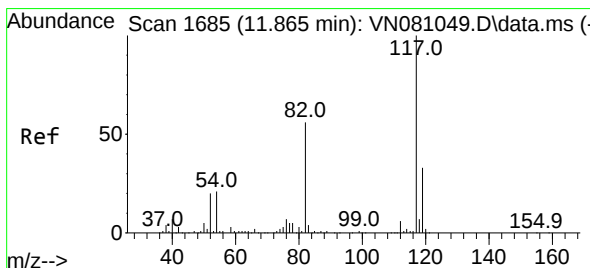
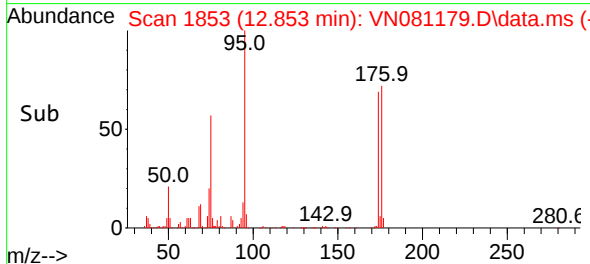
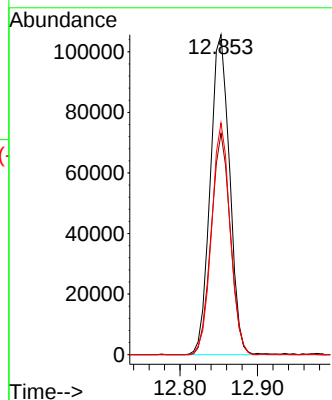
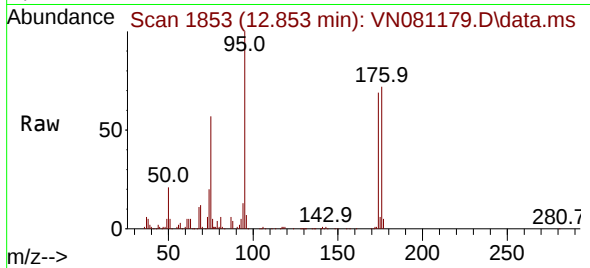




#62
4-Bromofluorobenzene
Concen: 45.585 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081179.D
Acq: 23 Feb 2024 23:22

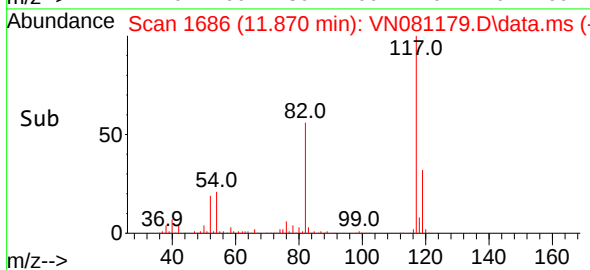
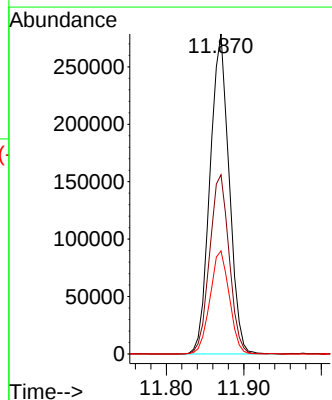
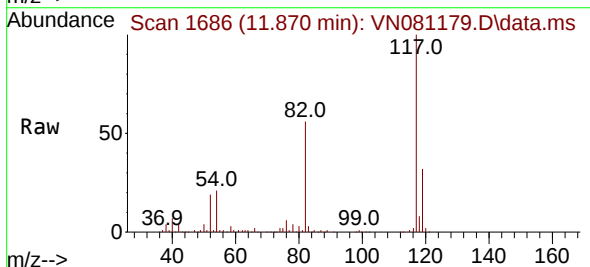
Instrument :
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SB-9

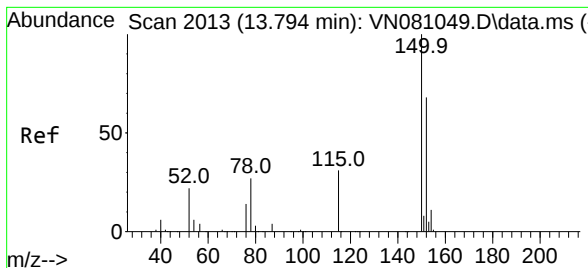
Tgt Ion: 95 Resp: 182980
Ion Ratio Lower Upper
95 100
174 68.3 0.0 120.4
176 69.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081179.D
Acq: 23 Feb 2024 23:22

Tgt Ion: 117 Resp: 477463
Ion Ratio Lower Upper
117 100
82 56.0 52.7 79.1
119 32.2 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: VN081179.D

Acq: 23 Feb 2024 23:22

Instrument :

MSVOA_N

ClientSampleId :

SB-9

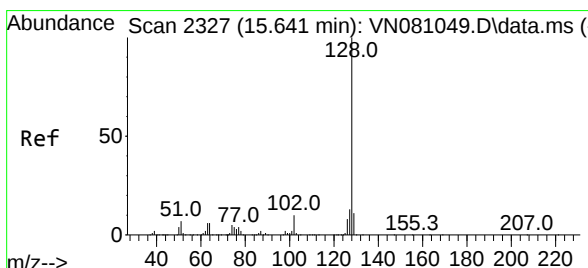
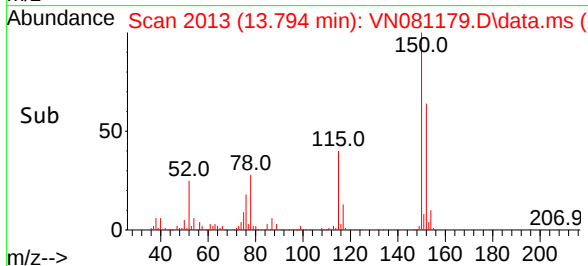
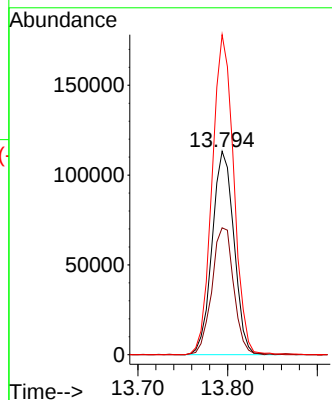
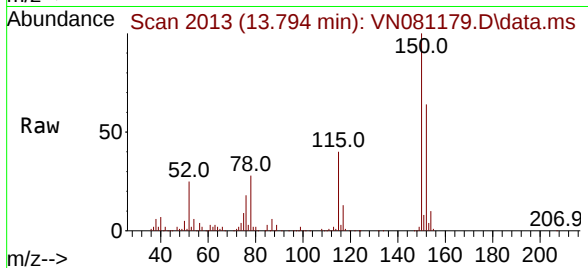
Tgt Ion:152 Resp: 191328

Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 155.7 0.0 339.8



#95

Naphthalene

Concen: 2.956 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.012 min

Lab File: VN081179.D

Acq: 23 Feb 2024 23:22

Tgt Ion:128 Resp: 41113

Ion Ratio Lower Upper

128 100

127 15.3 10.0 15.0#

129 11.7 8.7 13.1

