

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081172.D
 Acq On : 23 Feb 2024 20:33
 Operator : JC\MD
 Sample : P1574-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2

Quant Time: Feb 23 22:05:21 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)

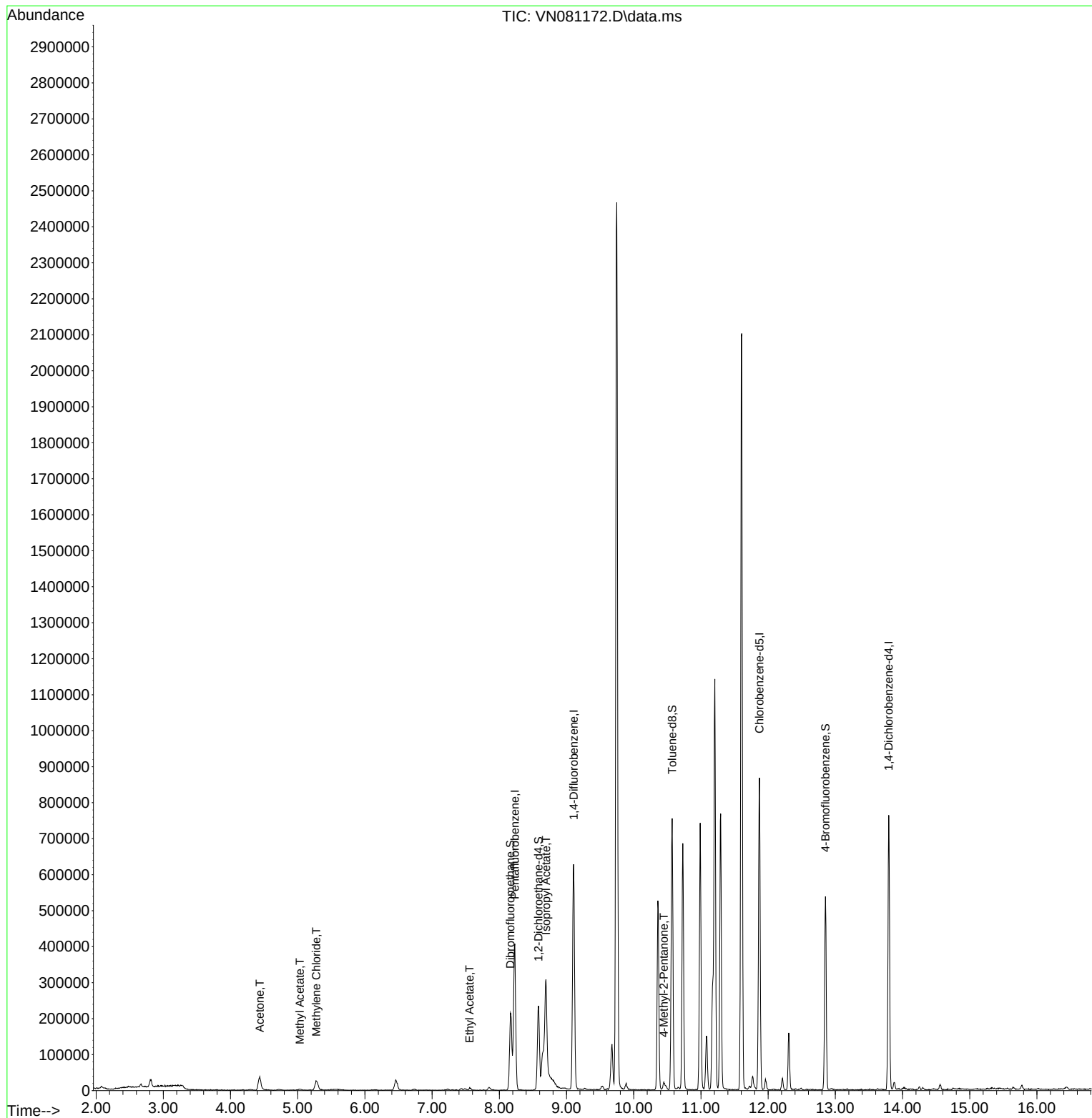
Internal Standards						
1) Pentafluorobenzene	8.230	168	281692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	492503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	181160	52.468	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.940%		
35) Dibromofluoromethane	8.165	113	157459	51.383	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.760%		
50) Toluene-d8	10.571	98	505395	46.434	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.860%		
62) 4-Bromofluorobenzene	12.853	95	185054	45.249	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.500%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	66330	48.823	ug/l	99
18) Methyl Acetate	5.030	43	6042	1.823	ug/l #	84
20) Methylene Chloride	5.277	84	19288	4.645	ug/l #	94
37) Ethyl Acetate	7.559	43	8123	1.714	ug/l #	93
43) Isopropyl Acetate	8.694	43	475397	57.368	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	23918	5.017	ug/l #	76

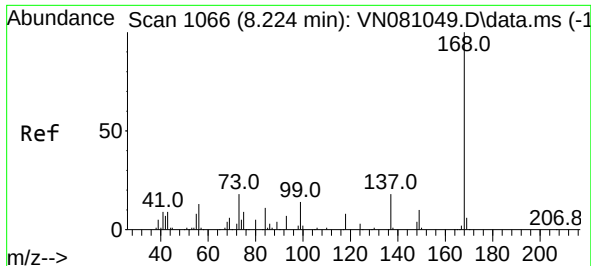
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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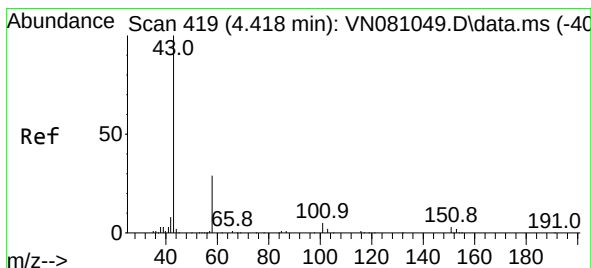
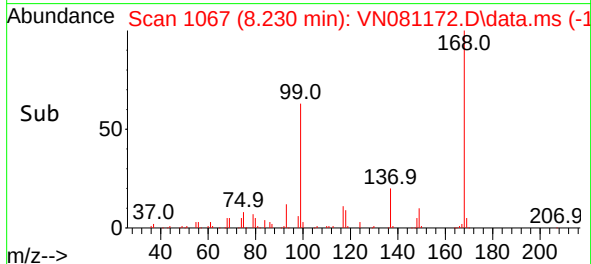
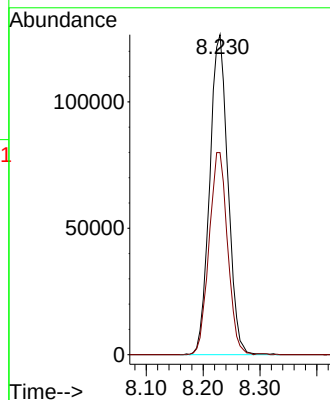
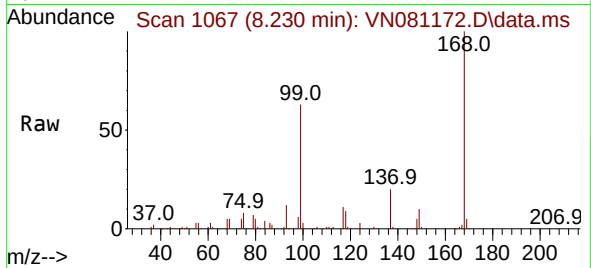




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081172.D
Acq: 23 Feb 2024 20:33

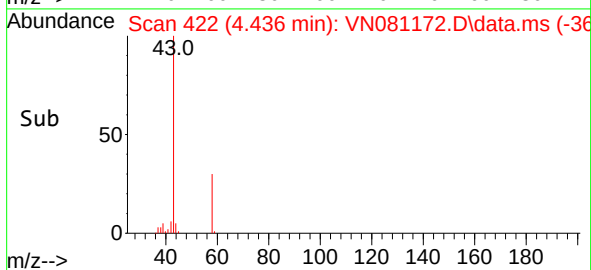
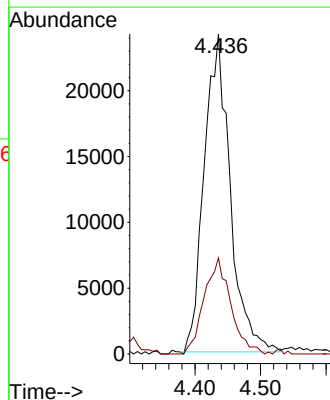
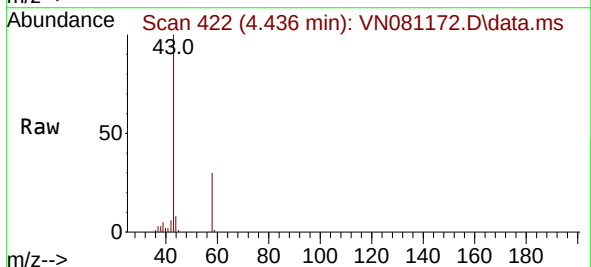
Instrument :
MSVOA_N
ClientSampleId :
SB-2

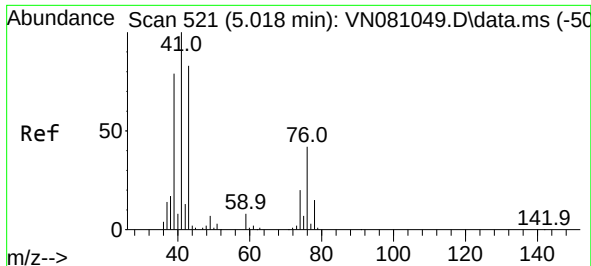
Tgt Ion:168 Resp: 281692
Ion Ratio Lower Upper
168 100
99 63.1 59.9 89.9



#16
Acetone
Concen: 48.823 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN081172.D
Acq: 23 Feb 2024 20:33

Tgt Ion: 43 Resp: 66330
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2

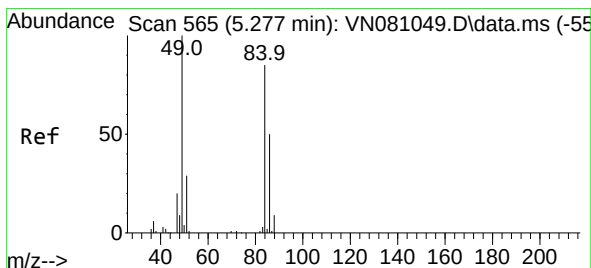
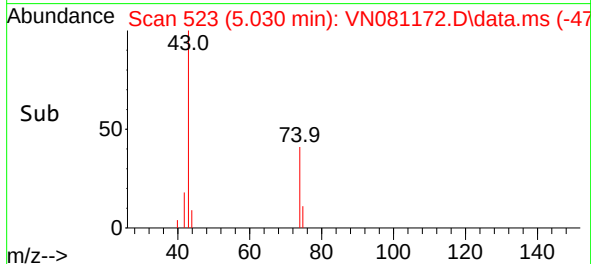
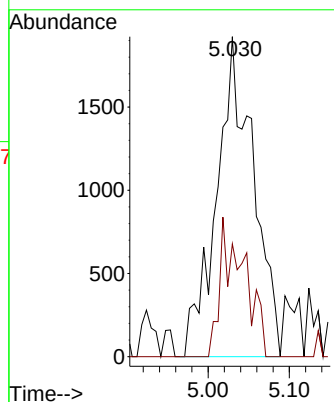
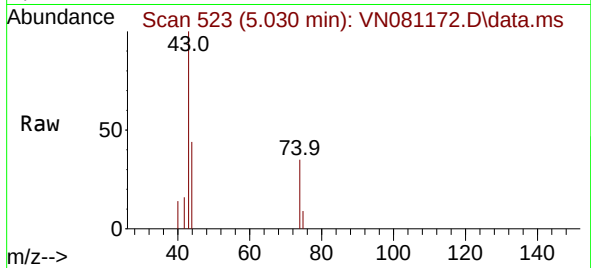




#18
Methyl Acetate
Concen: 1.823 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081172.D
Acq: 23 Feb 2024 20:33

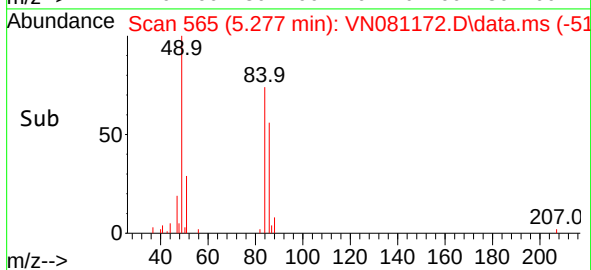
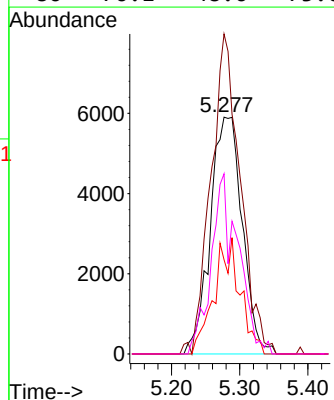
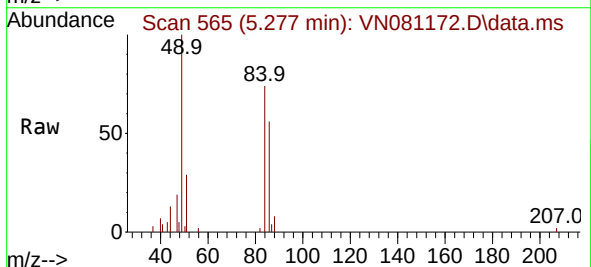
Instrument :
MSVOA_N
ClientSampleId :
SB-2

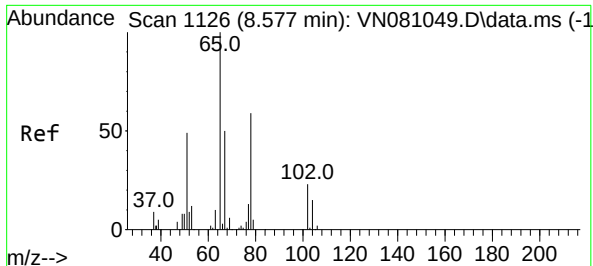
Tgt Ion: 43 Resp: 6042
Ion Ratio Lower Upper
43 100
74 29.0 17.3 25.9#



#20
Methylene Chloride
Concen: 4.645 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081172.D
Acq: 23 Feb 2024 20:33

Tgt Ion: 84 Resp: 19288
Ion Ratio Lower Upper
84 100
49 135.2 108.1 162.1
51 39.8 32.9 49.3
86 76.1 48.6 73.0#





#33

1,2-Dichloroethane-d4

Concen: 52.468 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081172.D

Acq: 23 Feb 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

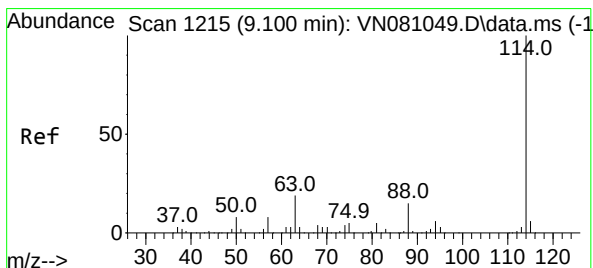
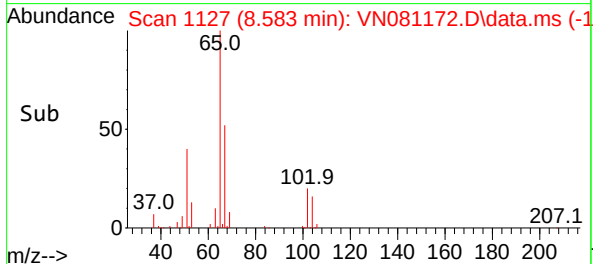
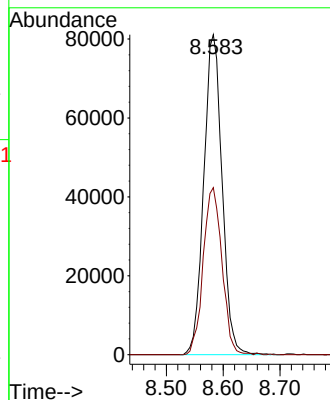
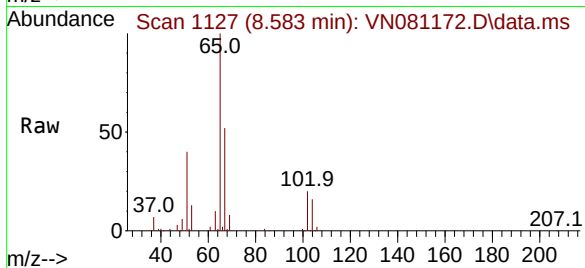
SB-2

Tgt Ion: 65 Resp: 181160

Ion Ratio Lower Upper

65 100

67 53.5 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: VN081172.D

Acq: 23 Feb 2024 20:33

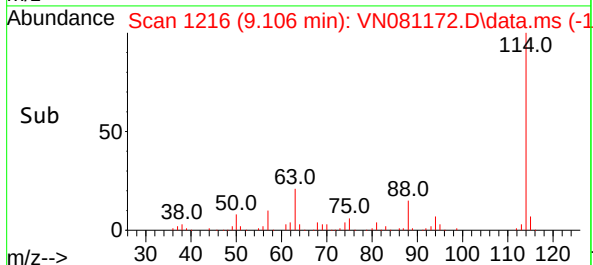
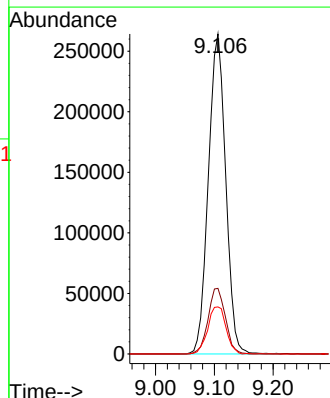
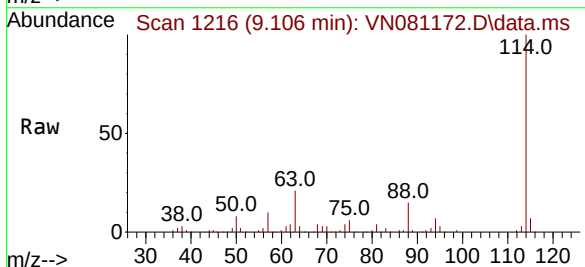
Tgt Ion: 114 Resp: 541928

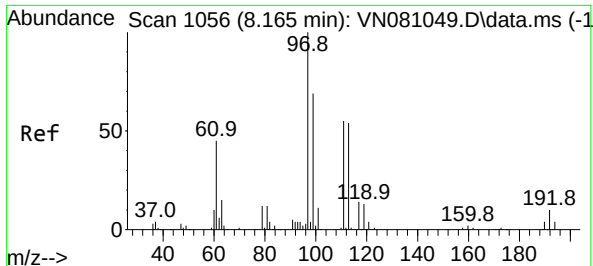
Ion Ratio Lower Upper

114 100

63 20.5 0.0 48.0

88 14.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.383 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN081172.D

Acq: 23 Feb 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

SB-2

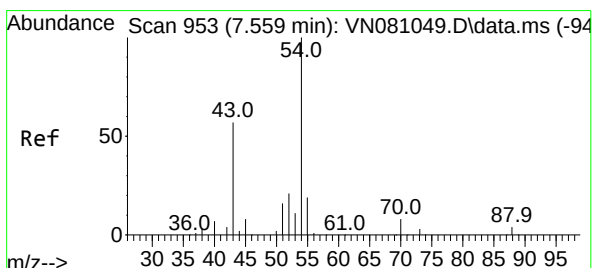
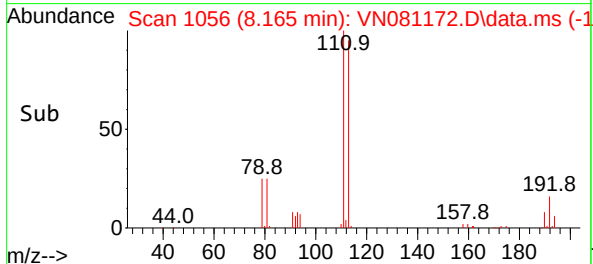
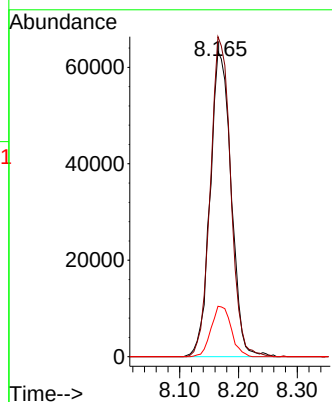
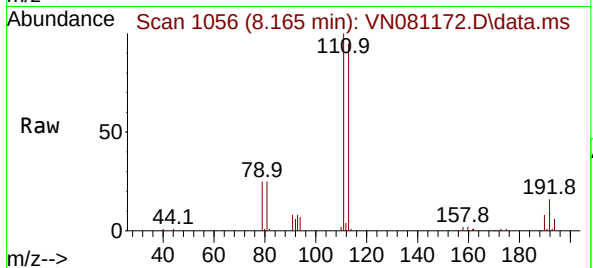
Tgt Ion:113 Resp: 157459

Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 15.8 12.5 18.7



#37

Ethyl Acetate

Concen: 1.714 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN081172.D

Acq: 23 Feb 2024 20:33

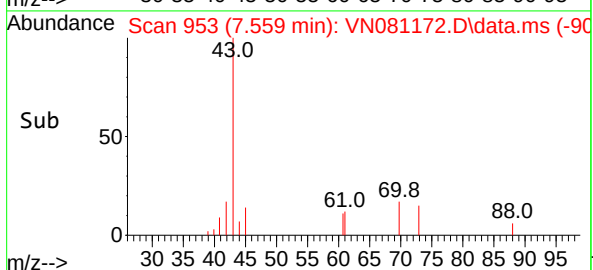
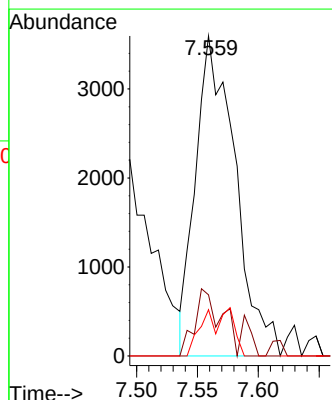
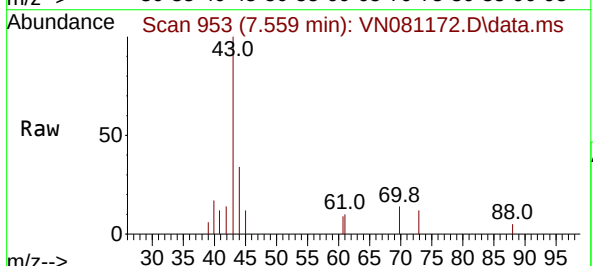
Tgt Ion: 43 Resp: 8123

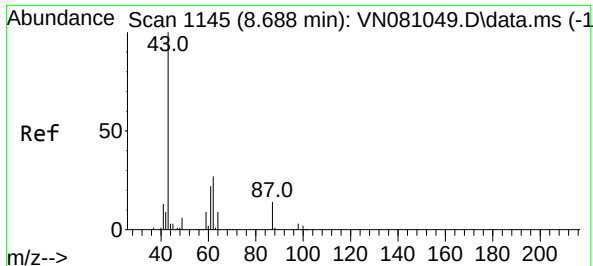
Ion Ratio Lower Upper

43 100

61 14.3 10.6 15.8

70 5.8 8.0 12.0#





#43

Isopropyl Acetate

Concen: 57.368 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081172.D

Acq: 23 Feb 2024 20:33

Instrument :

MSVOA_N

ClientSampleId :

SB-2

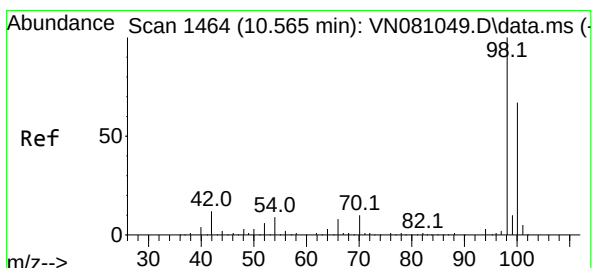
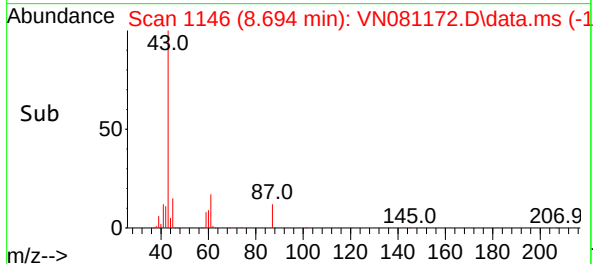
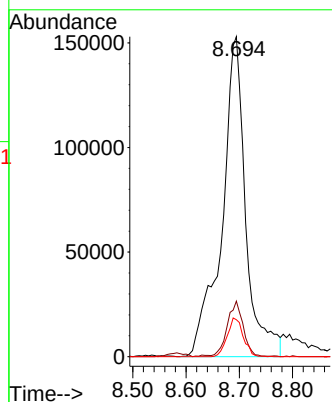
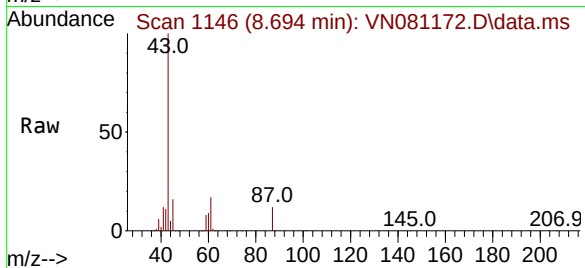
Tgt Ion: 43 Resp: 475397

Ion Ratio Lower Upper

43 100

61 11.6 19.9 29.9#

87 8.1 9.0 13.6#



#50

Toluene-d8

Concen: 46.434 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081172.D

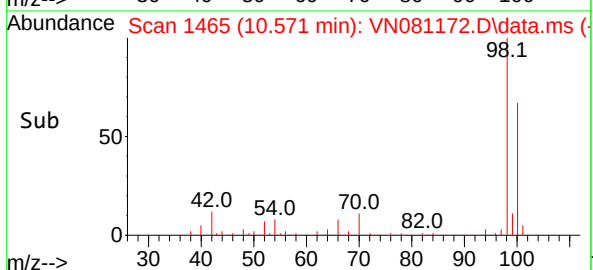
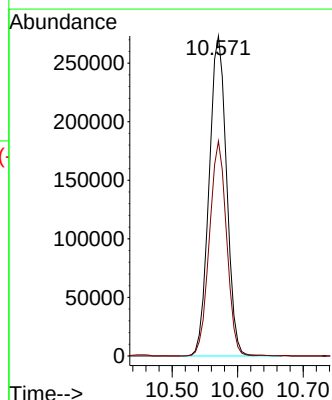
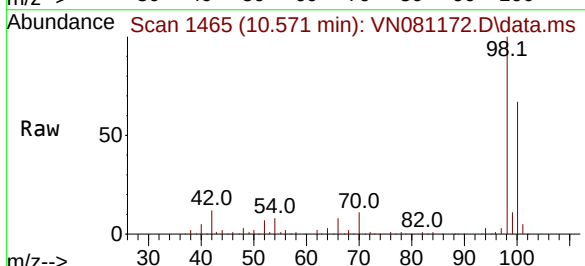
Acq: 23 Feb 2024 20:33

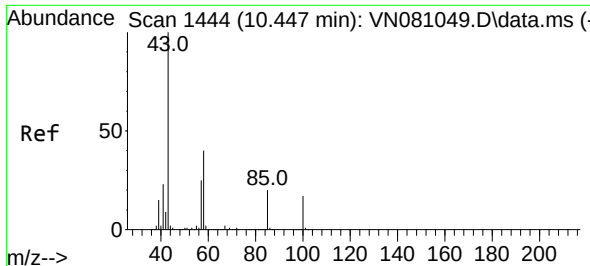
Tgt Ion: 98 Resp: 505395

Ion Ratio Lower Upper

98 100

100 65.9 51.4 77.0

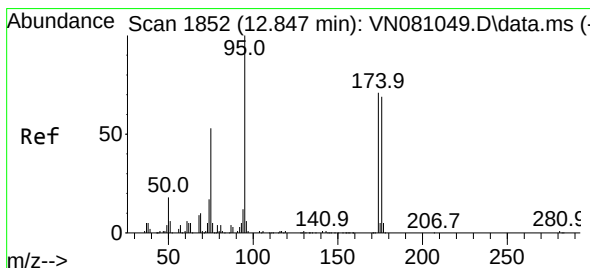
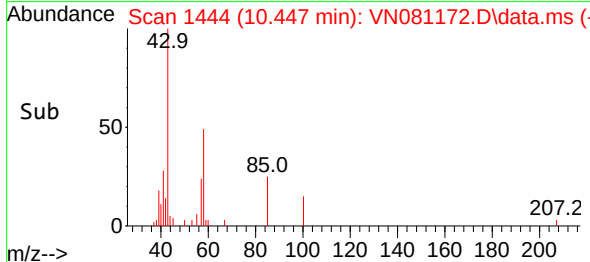
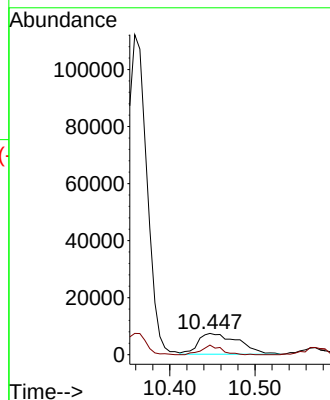
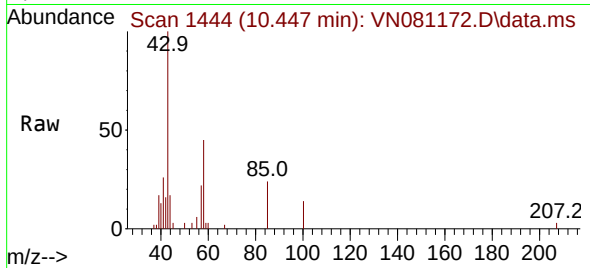




#51
4-Methyl-2-Pentanone
Concen: 5.017 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081172.D
Acq: 23 Feb 2024 20:33

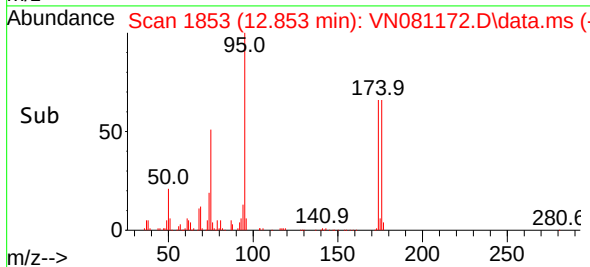
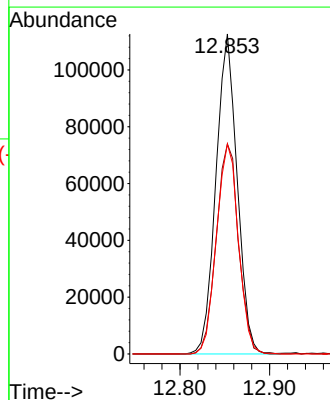
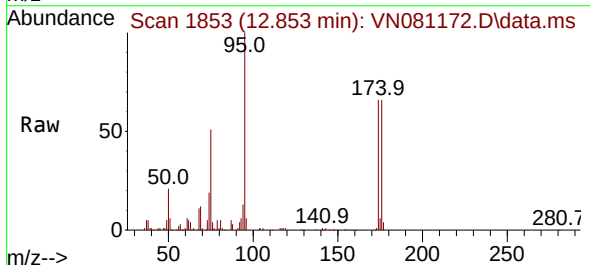
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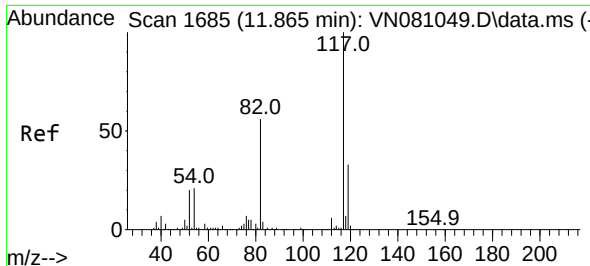
Tgt Ion: 43 Resp: 23918
Ion Ratio Lower Upper
43 100
58 22.6 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 45.249 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081172.D
Acq: 23 Feb 2024 20:33

Tgt Ion: 95 Resp: 185054
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 67.8 0.0 121.0

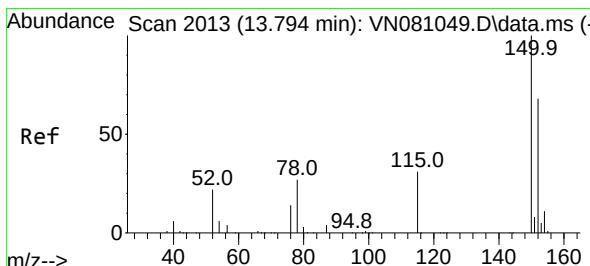
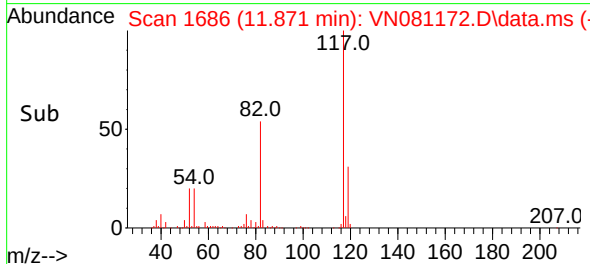
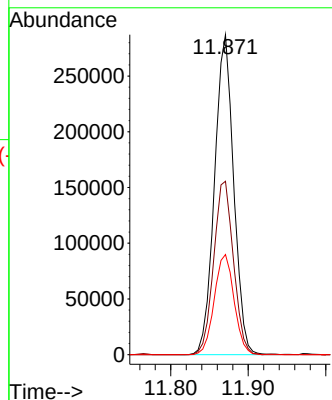
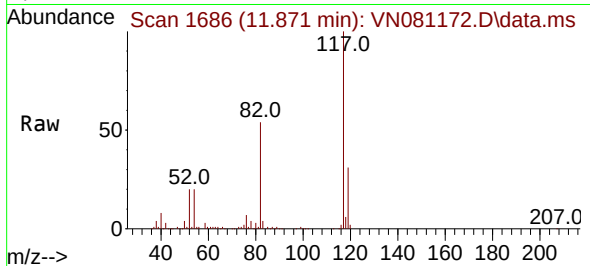




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081172.D
Acq: 23 Feb 2024 20:33

Instrument :
MSVOA_N
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 492503
Ion Ratio Lower Upper
117 100
82 54.2 52.7 79.1
119 31.3 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: VN081172.D
Acq: 23 Feb 2024 20:33

Tgt Ion:152 Resp: 189865
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 161.2 0.0 339.8

