

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081195.D
 Acq On : 26 Feb 2024 15:16
 Operator : JC\MD
 Sample : P1533-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01S-20240217

Quant Time: Feb 27 00:07:59 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)

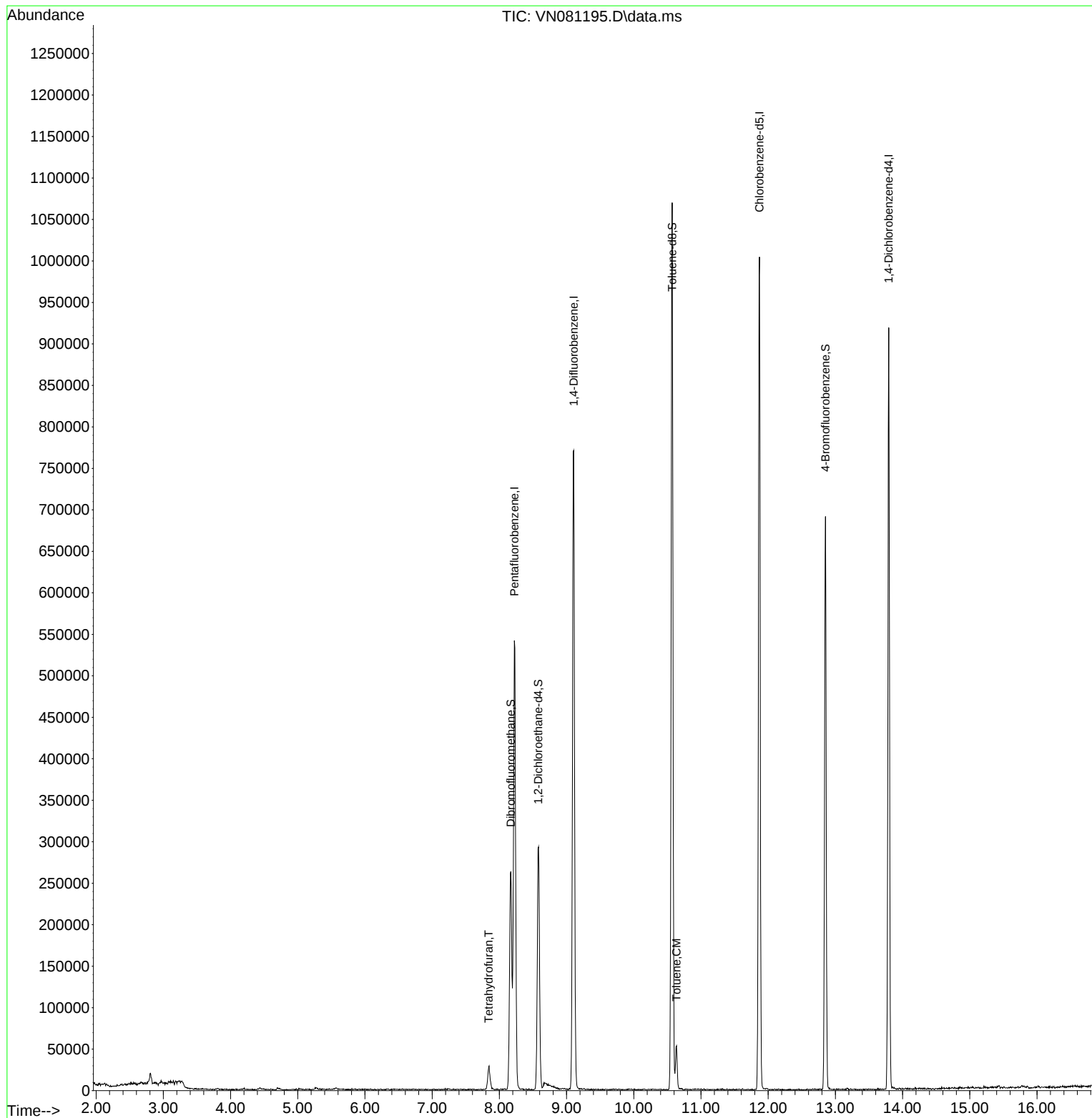
Internal Standards						
1) Pentafluorobenzene	8.224	168	366542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	665711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	585094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	228114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	240052	53.431	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.860%			
35) Dibromofluoromethane	8.171	113	190702	50.659	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	10.571	98	737916	55.191	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.380%			
62) 4-Bromofluorobenzene	12.853	95	239202	47.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.220%			
Target Compounds						
29) Tetrahydrofuran	7.841	42	19955	10.467	ug/l	88
52) Toluene	10.635	92	21230	1.796	ug/l	98

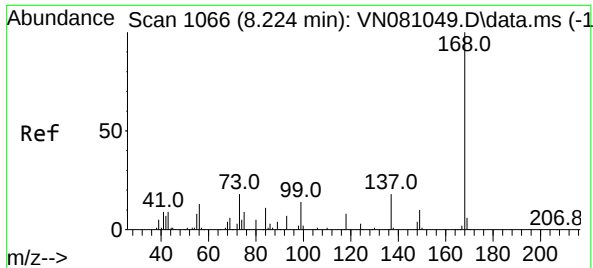
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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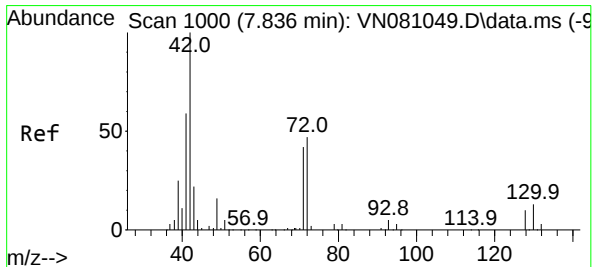
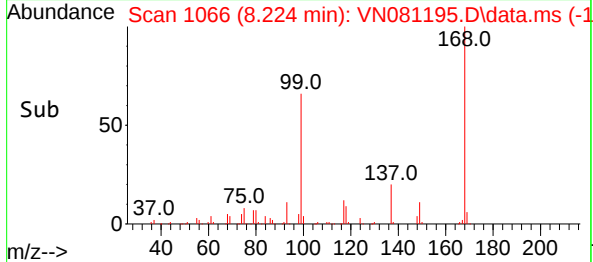
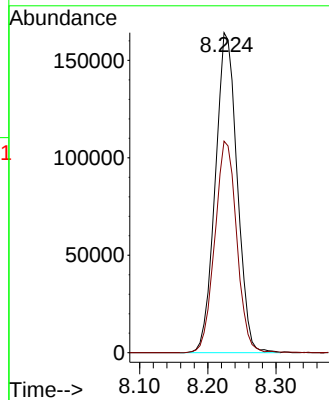
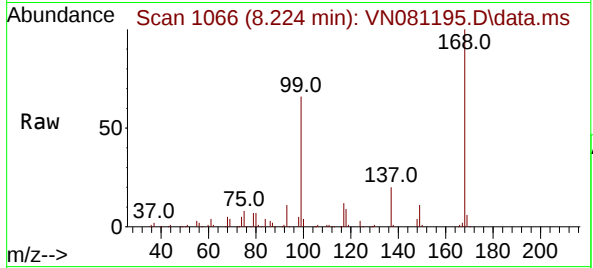




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081195.D
Acq: 26 Feb 2024 15:16

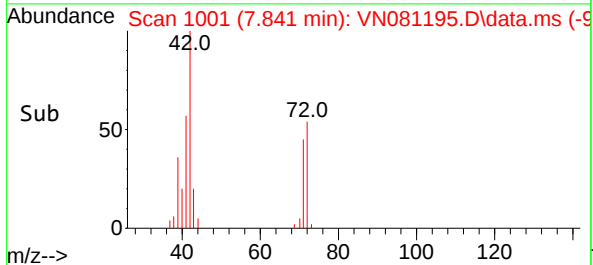
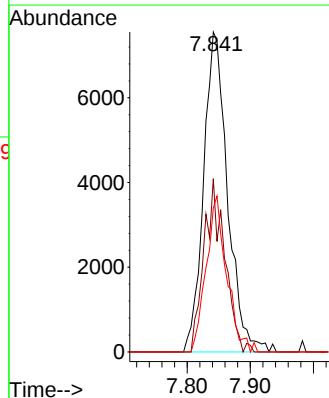
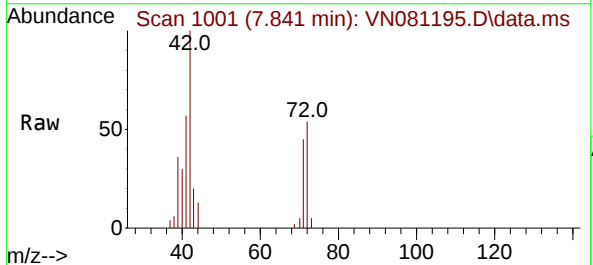
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20240217

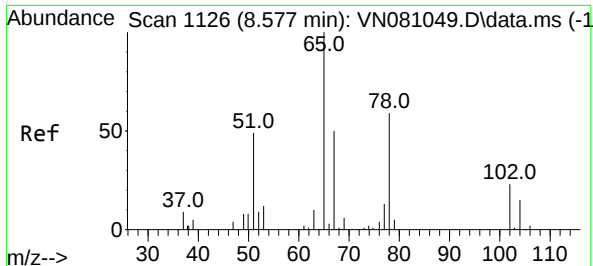
Tgt Ion:168 Resp: 366542
Ion Ratio Lower Upper
168 100
99 66.1 59.9 89.9



#29
Tetrahydrofuran
Concen: 10.467 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN081195.D
Acq: 26 Feb 2024 15:16

Tgt Ion: 42 Resp: 19955
Ion Ratio Lower Upper
42 100
72 46.7 31.1 46.7
71 41.7 28.3 42.5





#33

1,2-Dichloroethane-d4

Concen: 53.431 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081195.D

Acq: 26 Feb 2024 15:16

Instrument :

MSVOA_N

ClientSampleId :

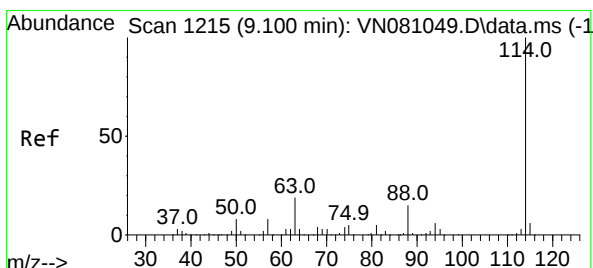
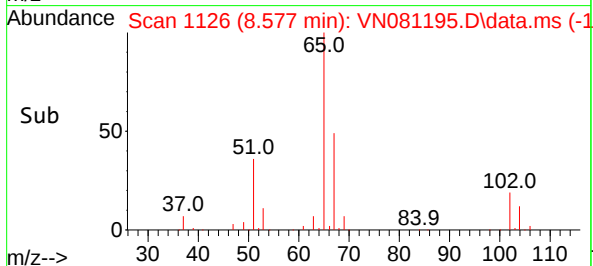
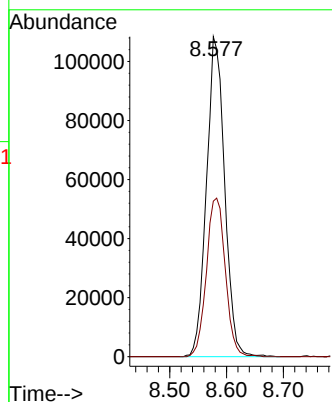
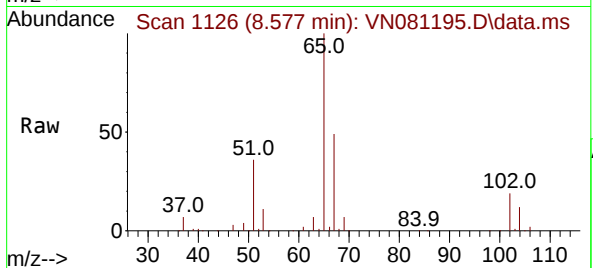
RW9-MW01S-20240217

Tgt Ion: 65 Resp: 240052

Ion Ratio Lower Upper

65 100

67 51.6 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: VN081195.D

Acq: 26 Feb 2024 15:16

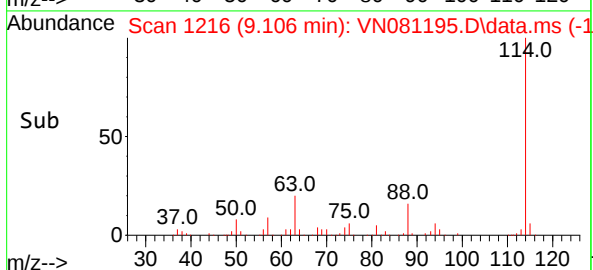
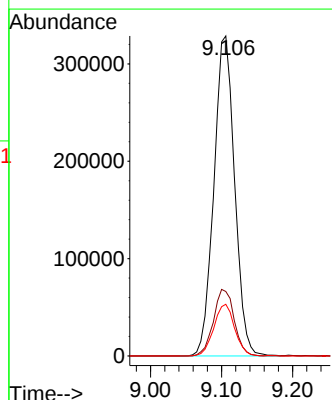
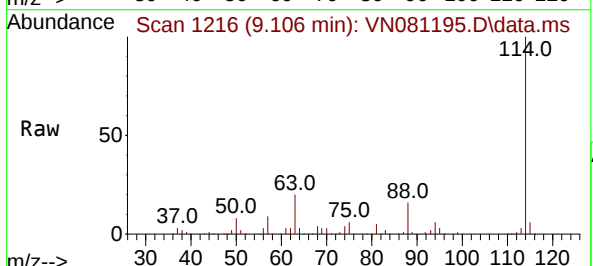
Tgt Ion: 114 Resp: 665711

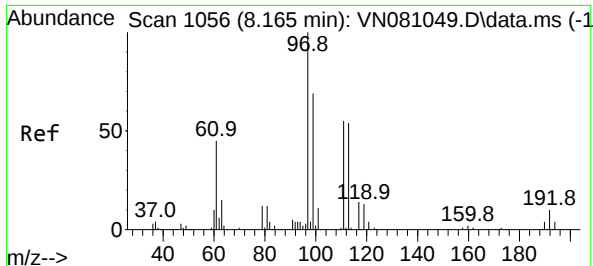
Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

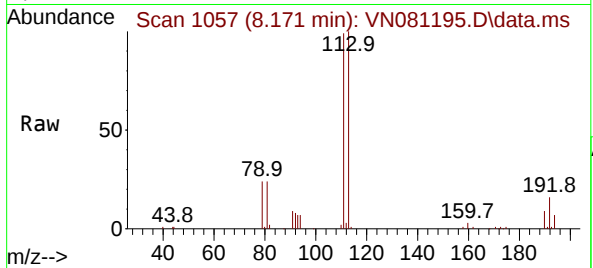
88 16.2 0.0 34.8





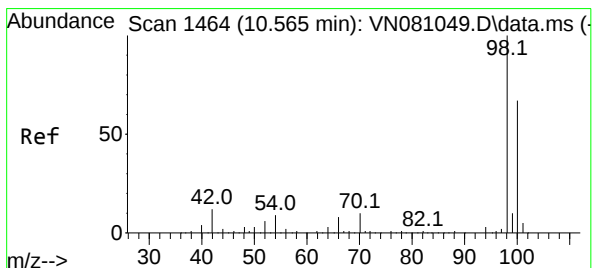
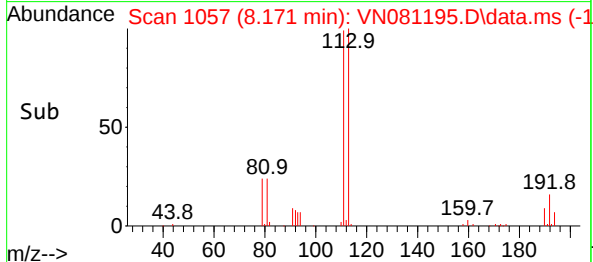
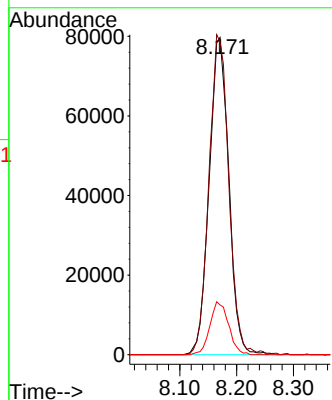
#35
Dibromofluoromethane
Concen: 50.659 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081195.D
Acq: 26 Feb 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20240217



Tgt Ion:113 Resp: 190702

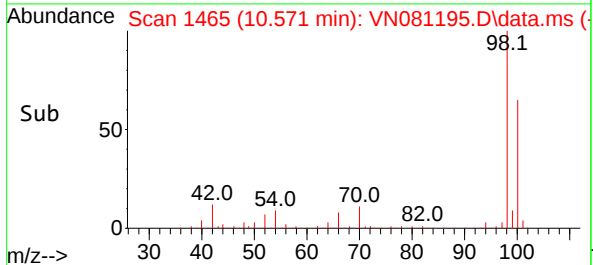
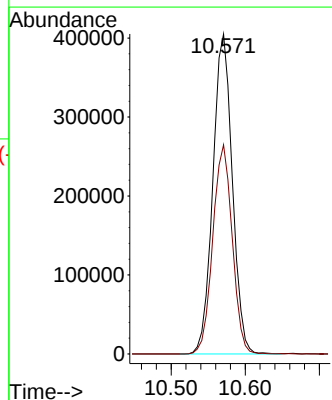
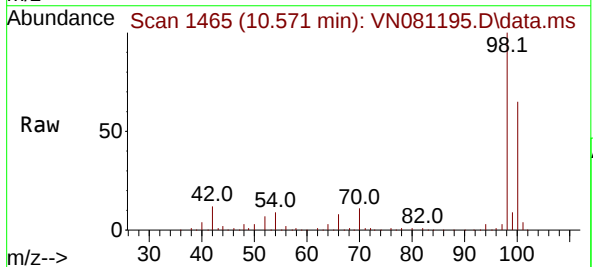
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	15.9	12.5	18.7

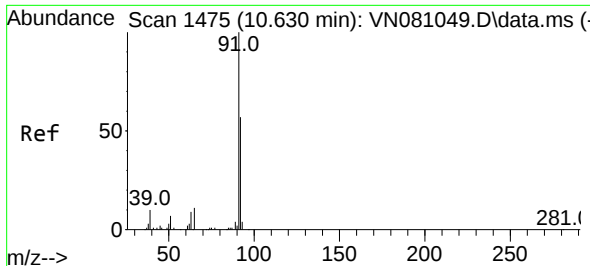


#50
Toluene-d8
Concen: 55.191 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081195.D
Acq: 26 Feb 2024 15:16

Tgt Ion: 98 Resp: 737916

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0

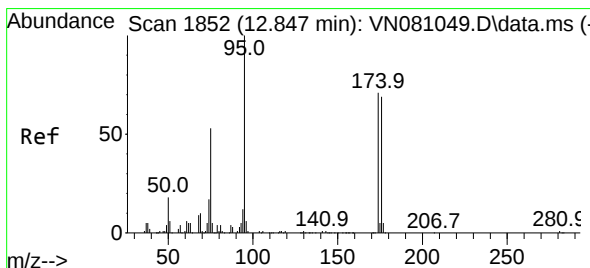
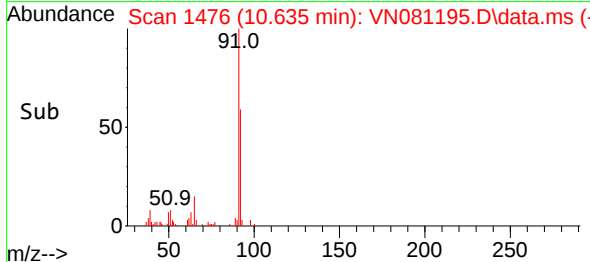
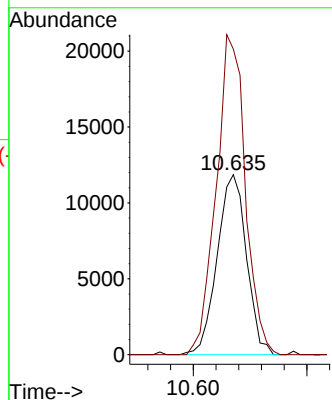
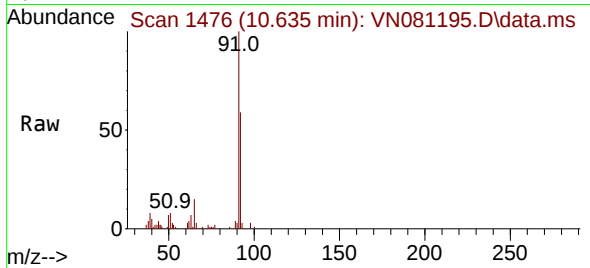




#52
Toluene
Concen: 1.796 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081195.D
Acq: 26 Feb 2024 15:16

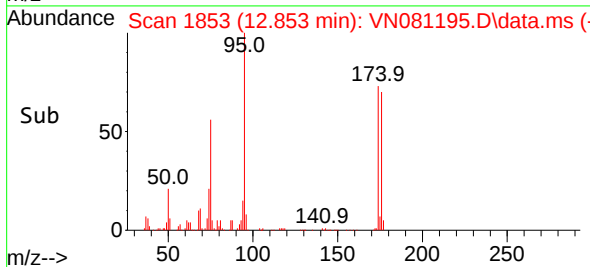
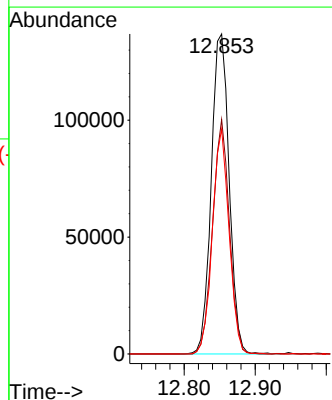
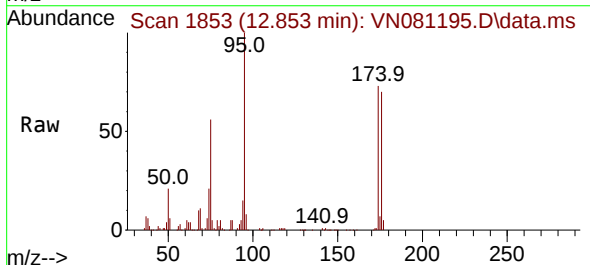
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20240217

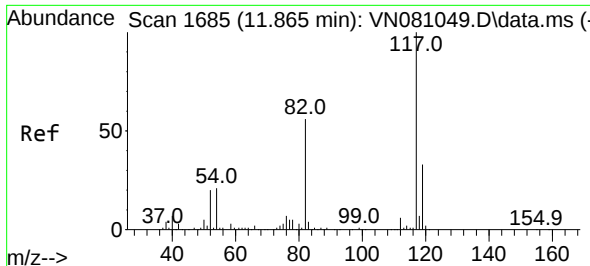
Tgt Ion: 92 Resp: 21230
Ion Ratio Lower Upper
92 100
91 176.9 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081195.D
Acq: 26 Feb 2024 15:16

Tgt Ion: 95 Resp: 239202
Ion Ratio Lower Upper
95 100
174 68.9 0.0 120.4
176 65.6 0.0 121.0

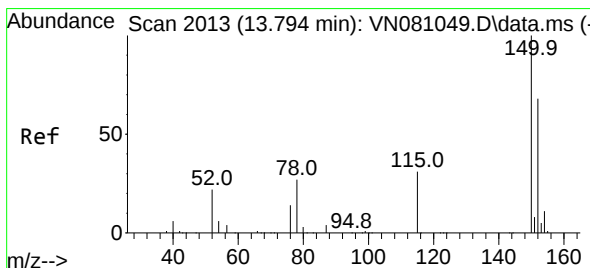
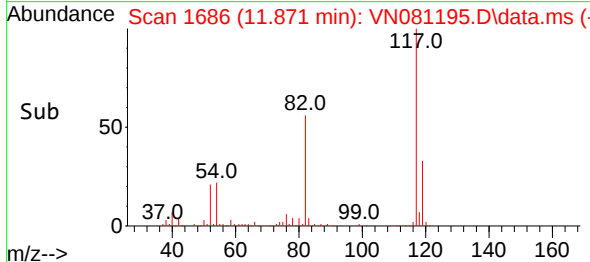
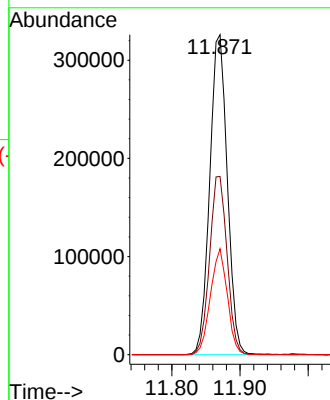
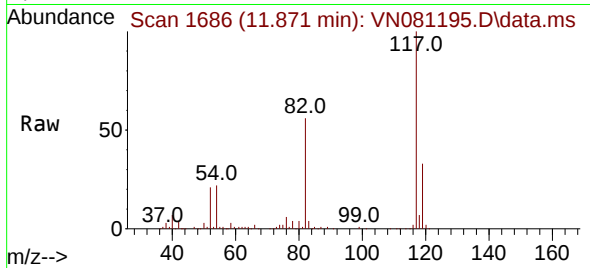




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081195.D
Acq: 26 Feb 2024 15:16

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20240217

Tgt Ion:117 Resp: 585094
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 33.1 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: VN081195.D
Acq: 26 Feb 2024 15:16

Tgt Ion:152 Resp: 228114
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 160.0 0.0 339.8

