

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081194.D
 Acq On : 26 Feb 2024 14:52
 Operator : JC\MD
 Sample : P1533-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D3-20240217

Quant Time: Feb 27 00:07:39 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)

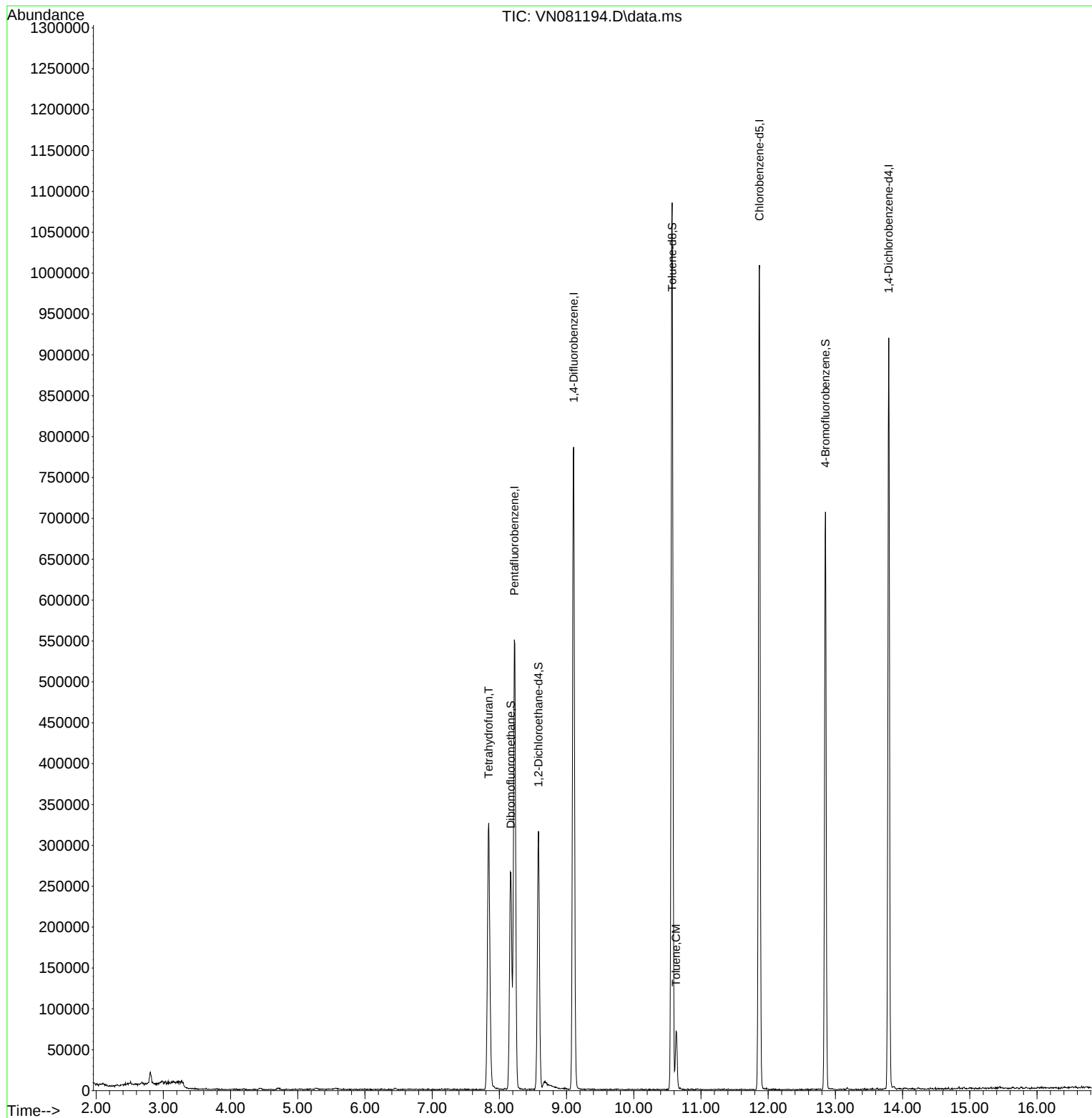
Internal Standards						
1) Pentafluorobenzene	8.224	168	385899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	690194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	588584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	244650	51.723	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.440%
35) Dibromofluoromethane	8.171	113	195925	50.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	10.570	98	749800	54.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.180%
62) 4-Bromofluorobenzene	12.853	95	245096	47.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.120%
Target Compounds						
						Qvalue
29) Tetrahydrofuran	7.841	42	249244	124.177	ug/l	# 87
52) Toluene	10.629	92	31120	2.540	ug/l	99

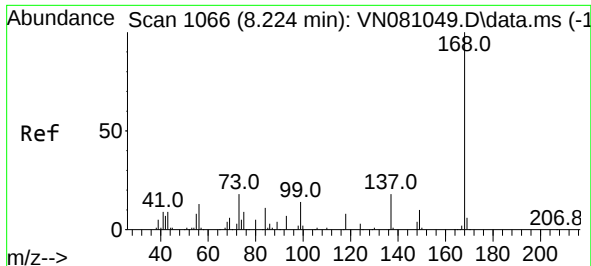
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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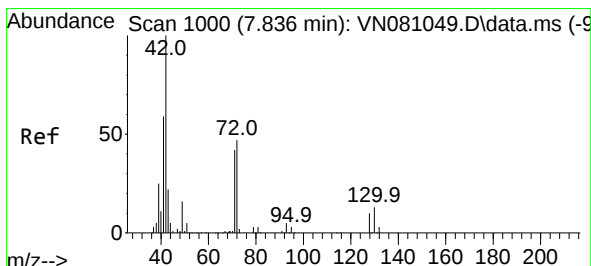
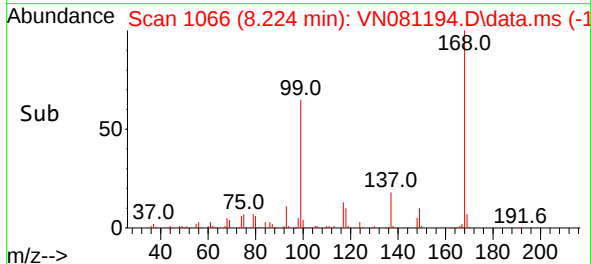
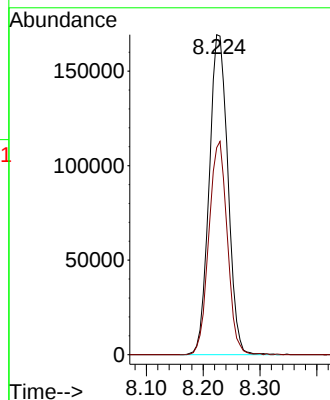
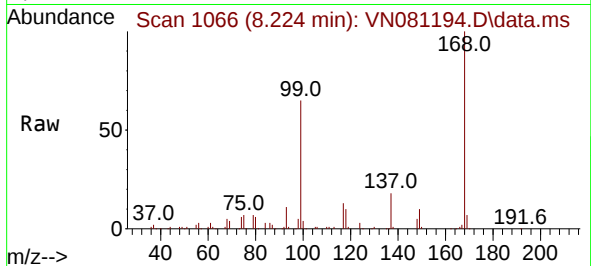




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081194.D
Acq: 26 Feb 2024 14:52

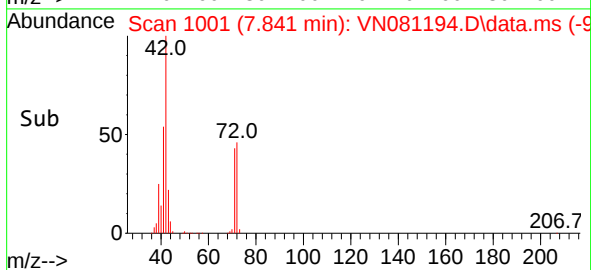
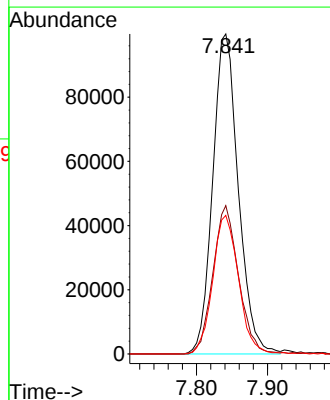
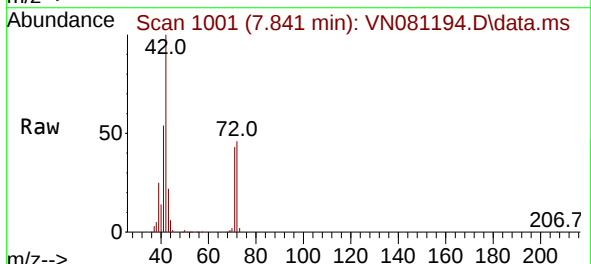
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20240217

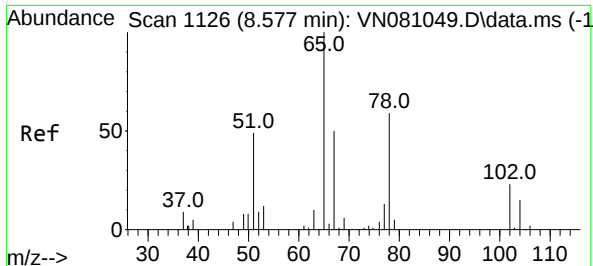
Tgt Ion:168 Resp: 385899
Ion Ratio Lower Upper
168 100
99 64.7 59.9 89.9



#29
Tetrahydrofuran
Concen: 124.177 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN081194.D
Acq: 26 Feb 2024 14:52

Tgt Ion: 42 Resp: 249244
Ion Ratio Lower Upper
42 100
72 46.5 31.1 46.7
71 43.7 28.3 42.5#





#33

1,2-Dichloroethane-d4

Concen: 51.723 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081194.D

Acq: 26 Feb 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

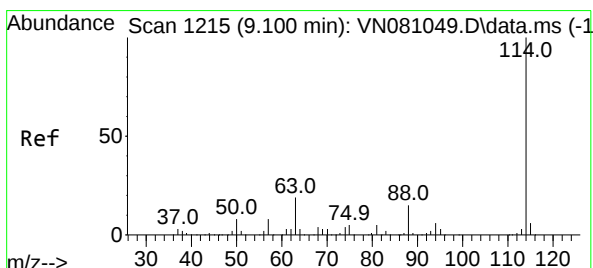
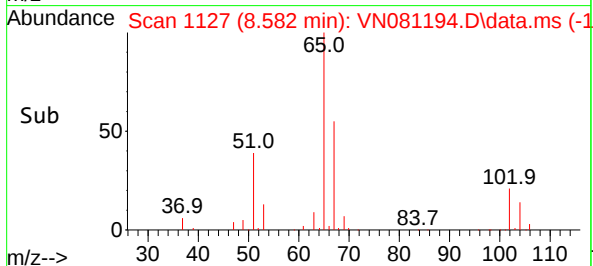
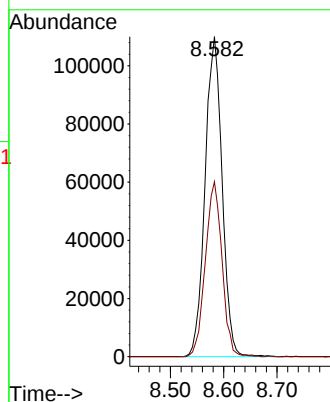
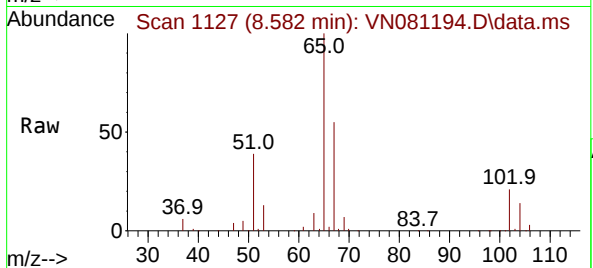
RW8-MW01D3-20240217

Tgt Ion: 65 Resp: 244650

Ion Ratio Lower Upper

65 100

67 53.4 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: VN081194.D

Acq: 26 Feb 2024 14:52

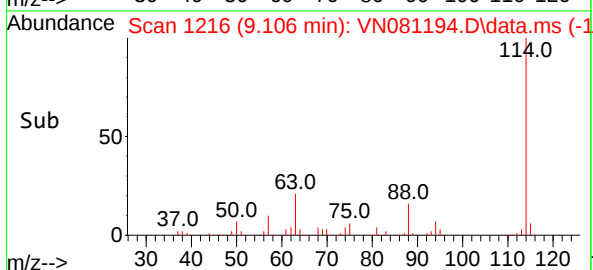
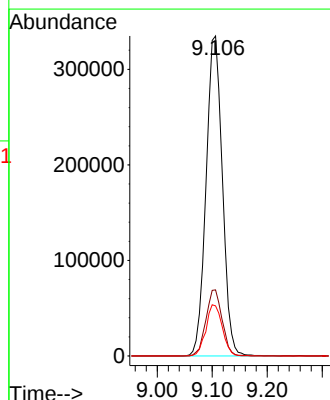
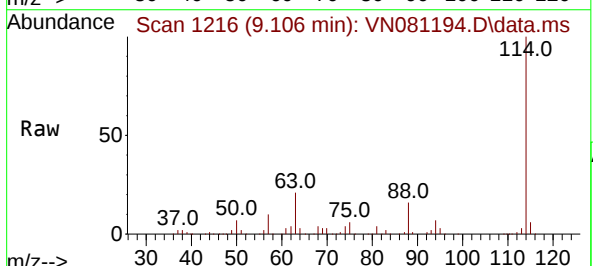
Tgt Ion: 114 Resp: 690194

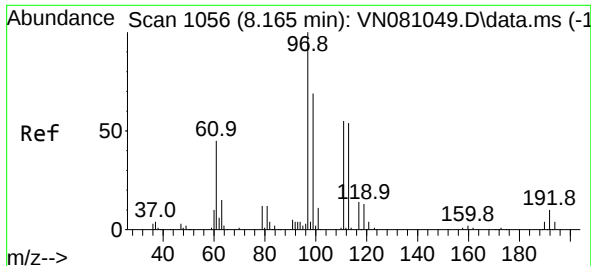
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 15.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 50.201 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081194.D

Acq: 26 Feb 2024 14:52

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D3-20240217

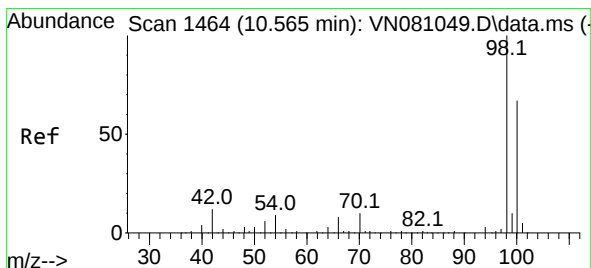
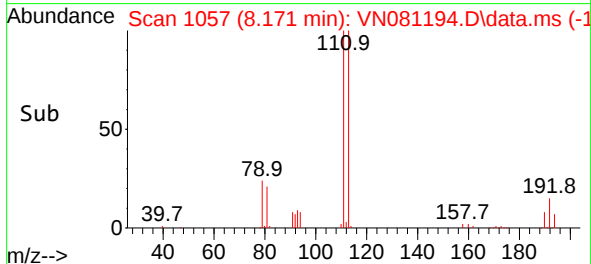
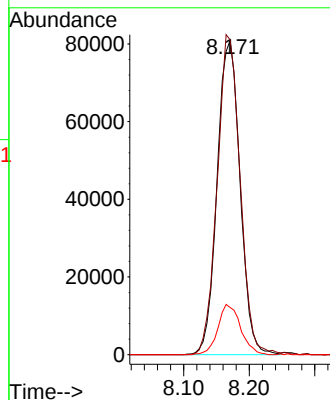
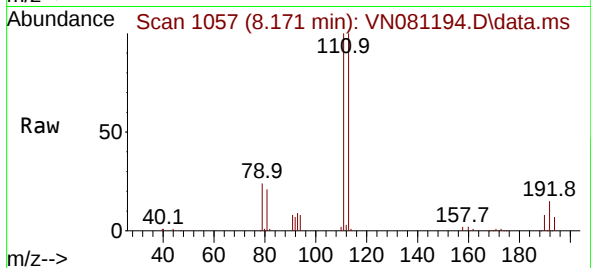
Tgt Ion:113 Resp: 195925

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 15.9 12.5 18.7



#50

Toluene-d8

Concen: 54.091 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081194.D

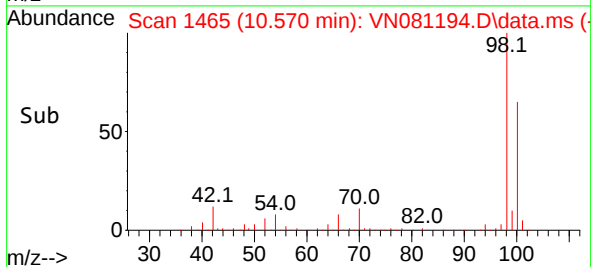
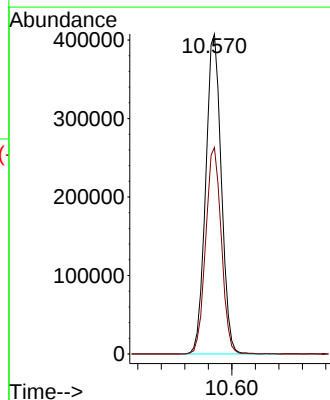
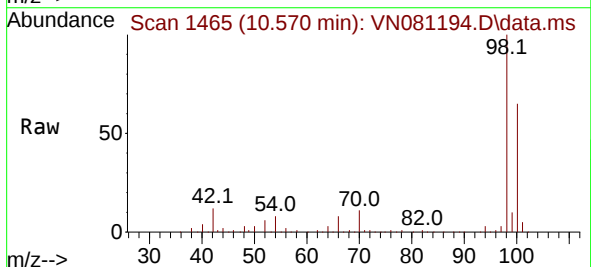
Acq: 26 Feb 2024 14:52

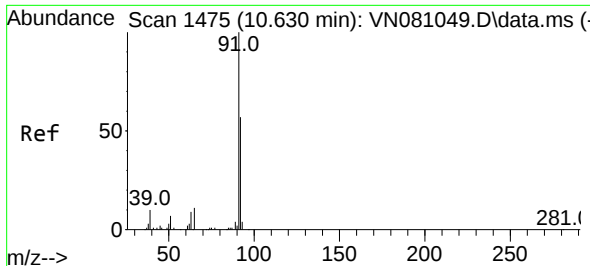
Tgt Ion: 98 Resp: 749800

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0

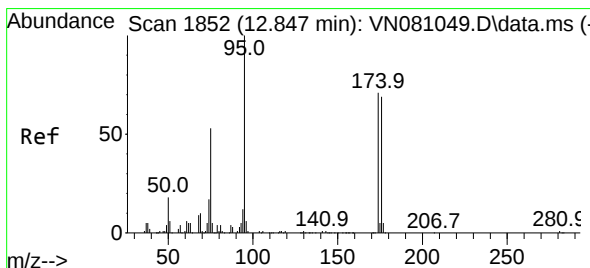
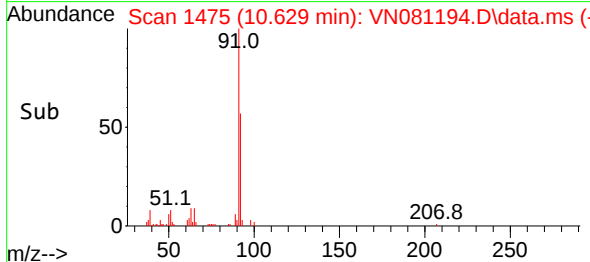
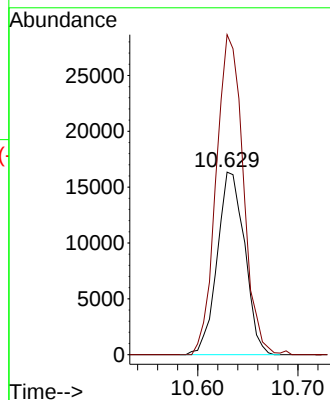
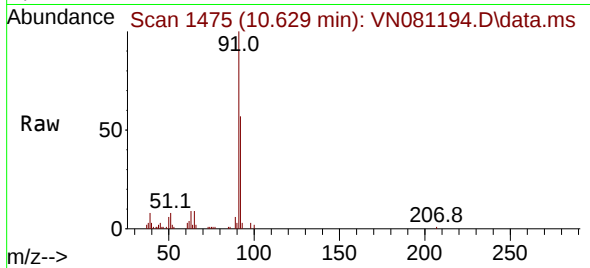




#52
Toluene
Concen: 2.540 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081194.D
Acq: 26 Feb 2024 14:52

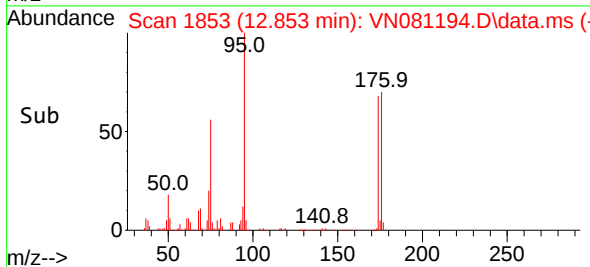
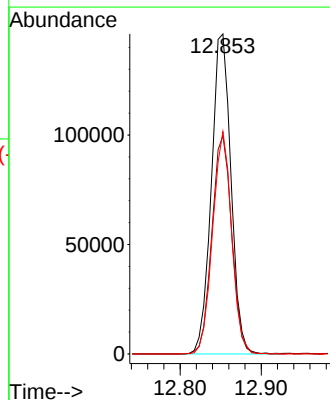
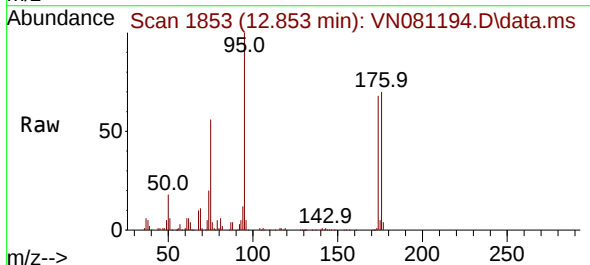
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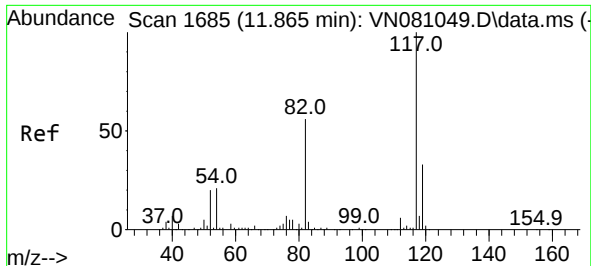
Tgt Ion: 92 Resp: 31120
Ion Ratio Lower Upper
92 100
91 173.2 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.056 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081194.D
Acq: 26 Feb 2024 14:52

Tgt Ion: 95 Resp: 245096
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 67.2 0.0 121.0

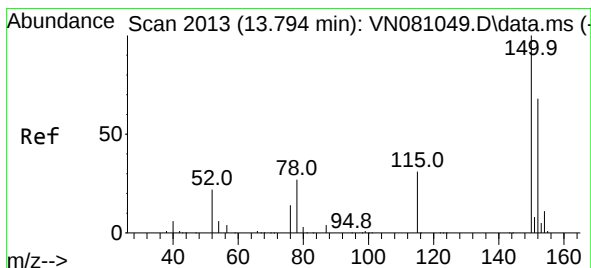
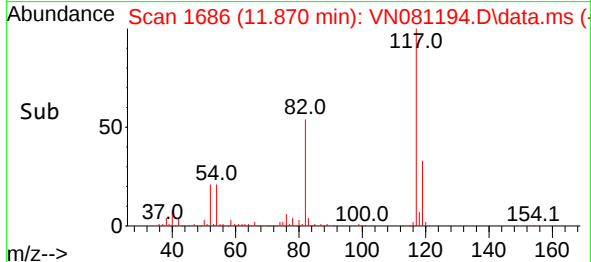
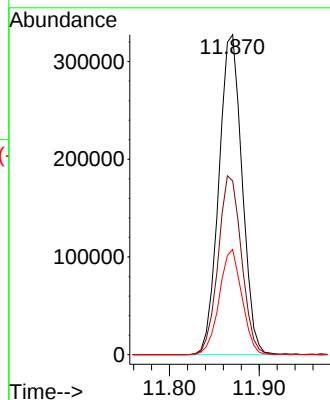
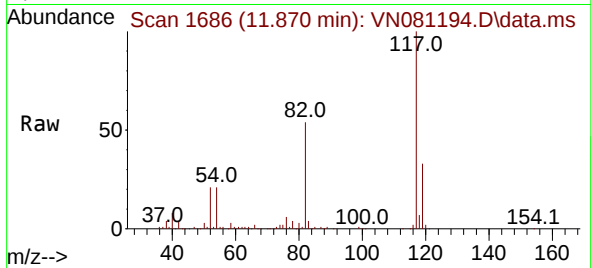




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081194.D
Acq: 26 Feb 2024 14:52

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20240217

Tgt Ion:117 Resp: 588584
Ion Ratio Lower Upper
117 100
82 54.3 52.7 79.1
119 32.9 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: VN081194.D
Acq: 26 Feb 2024 14:52

Tgt Ion:152 Resp: 234783
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 159.2 0.0 339.8

