

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081061.D
 Acq On : 16 Feb 2024 18:30
 Operator : JC\MD
 Sample : P1519-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 16 23:50:00 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	368177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	586697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201719	44.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.400%
35) Dibromofluoromethane	8.171	113	166833	43.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.880%
50) Toluene-d8	10.571	98	557172	41.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	82.640%#
62) 4-Bromofluorobenzene	12.853	95	201435	39.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.500%#

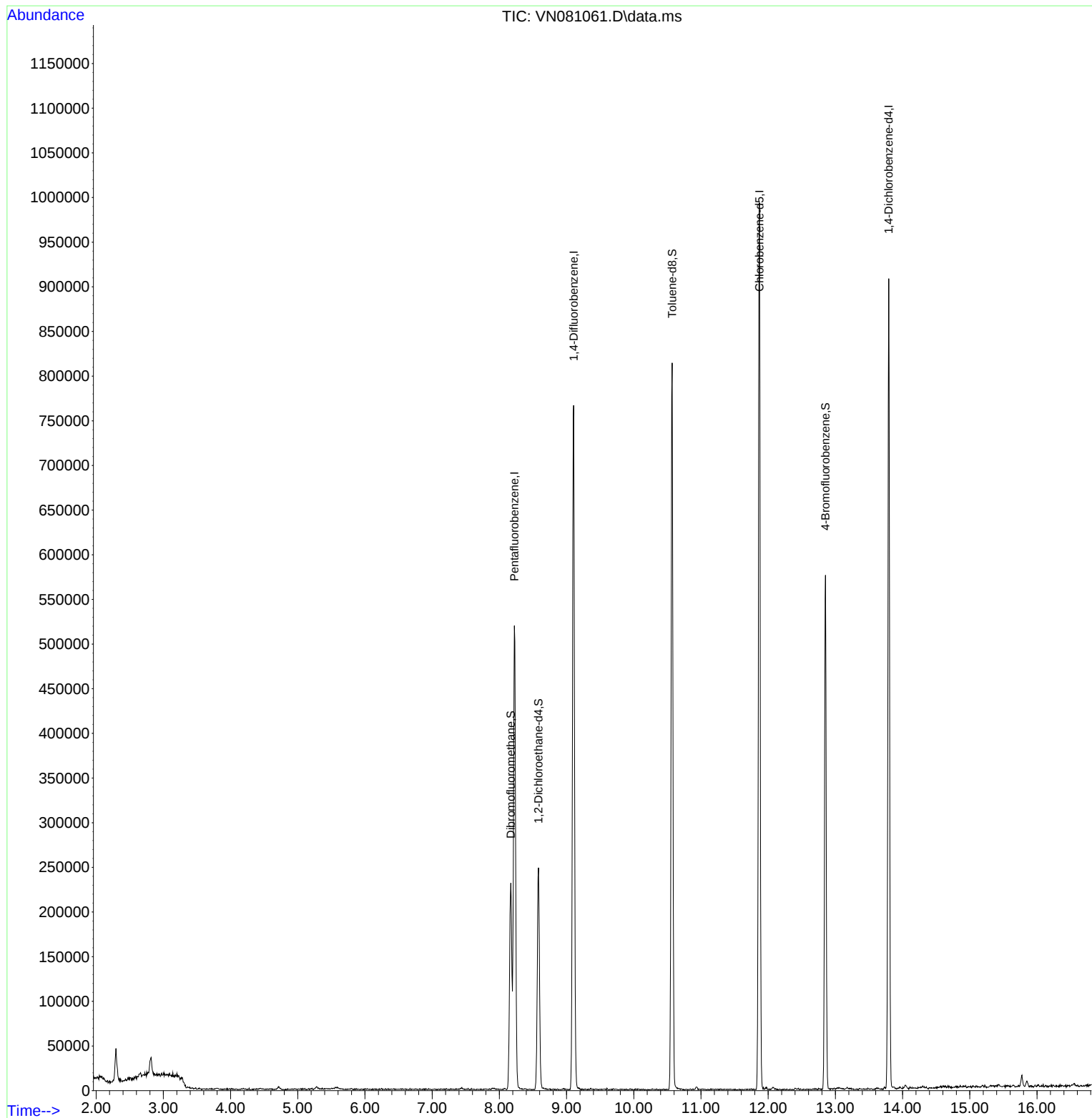
Target Compounds	Qvalue

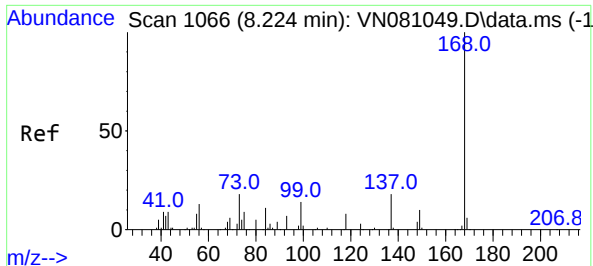
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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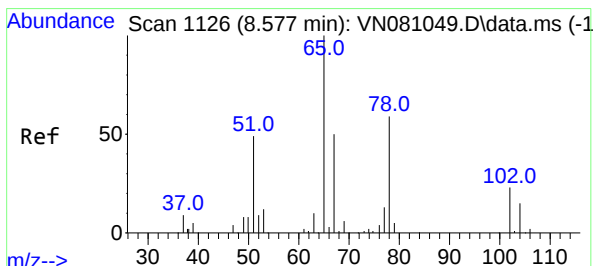
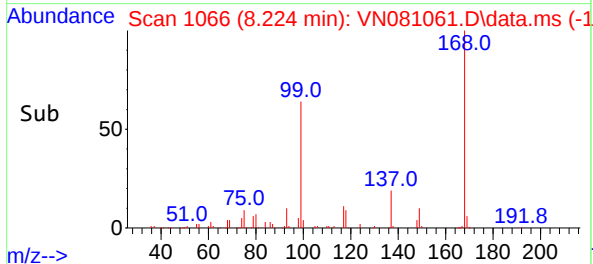
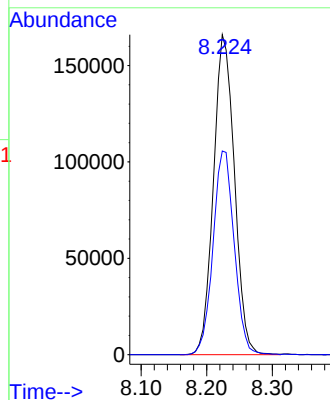
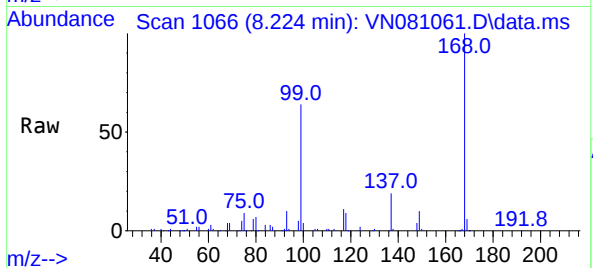




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

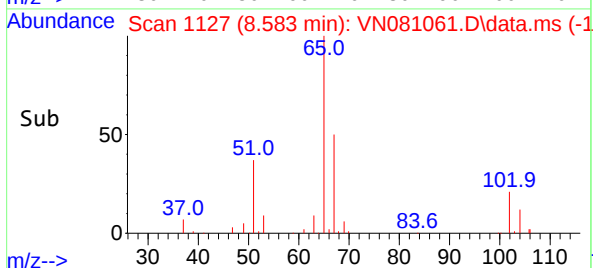
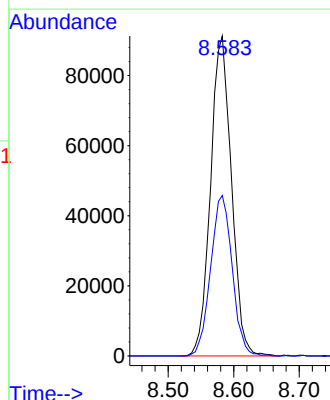
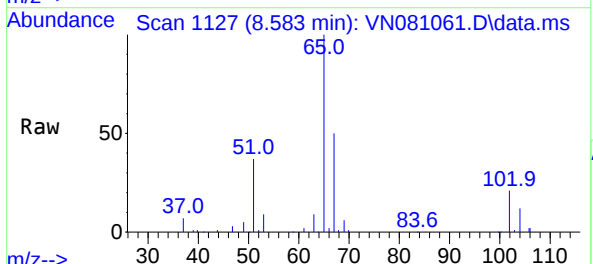
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

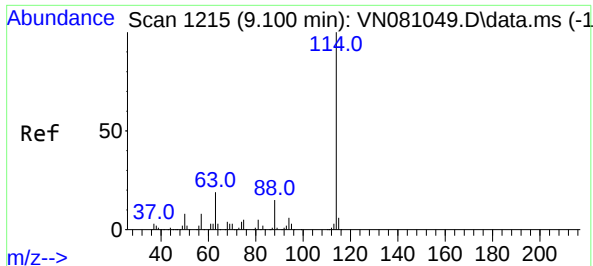
Tgt Ion:168 Resp: 368177
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 44.699 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion: 65 Resp: 201719
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4



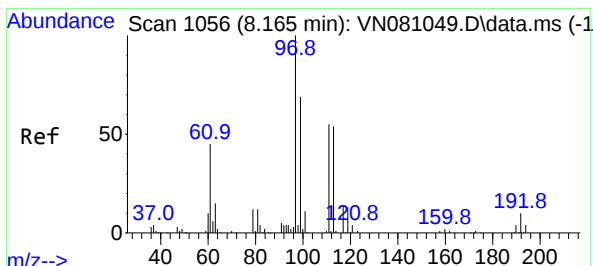
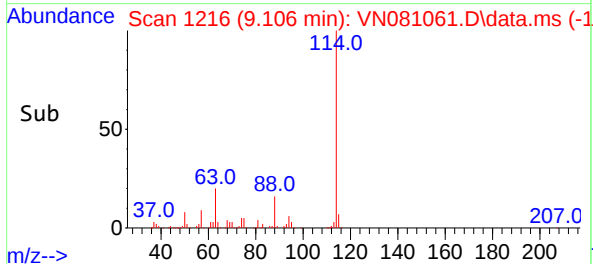
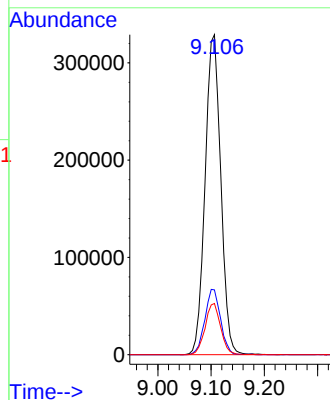
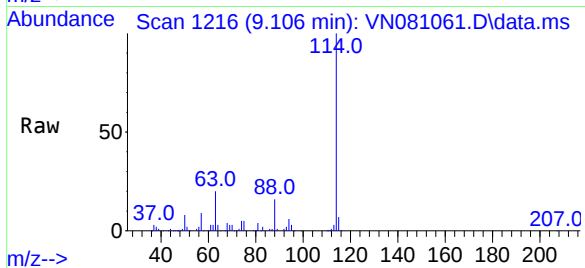


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 671436

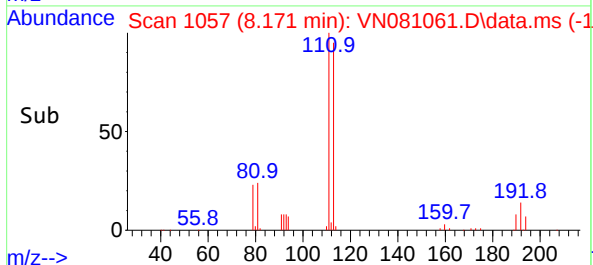
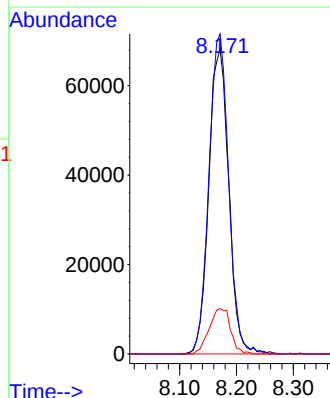
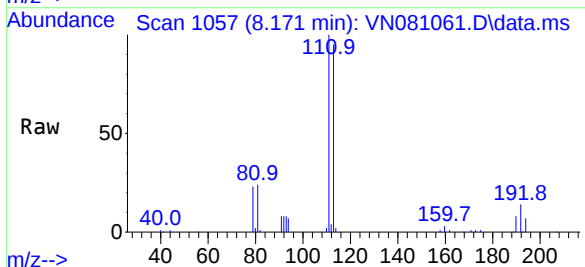
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	48.0
88	16.0	0.0	34.8

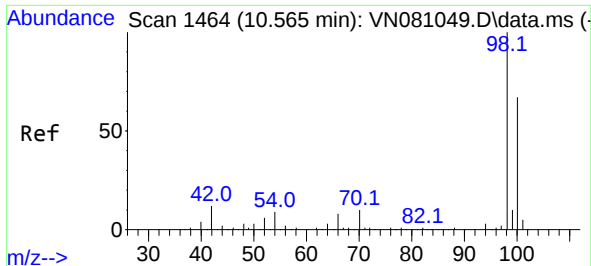


#35
Dibromofluoromethane
Concen: 43.941 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion:113 Resp: 166833

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	15.8	12.5	18.7

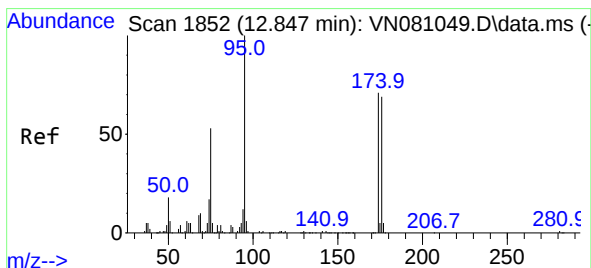
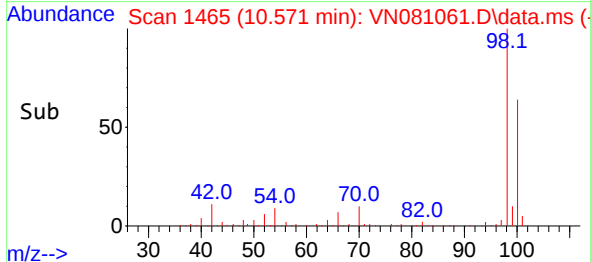
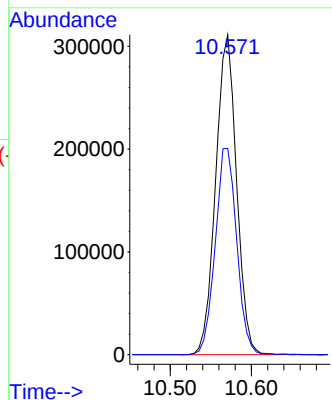
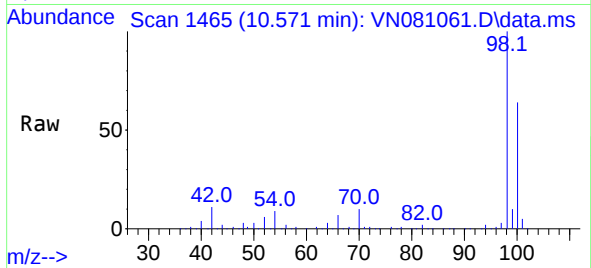




#50
Toluene-d8
Concen: 41.318 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

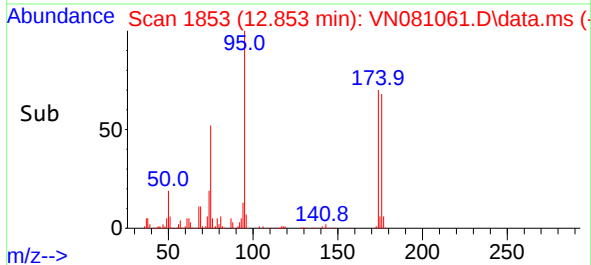
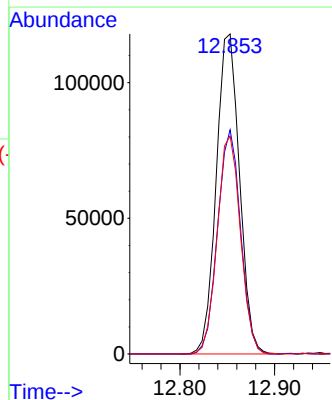
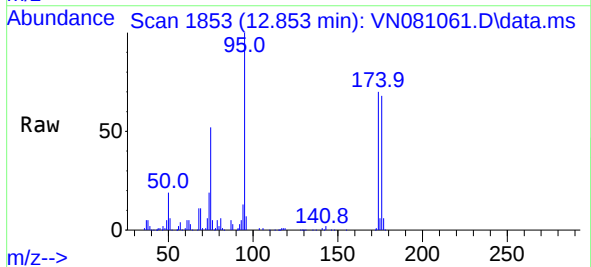
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

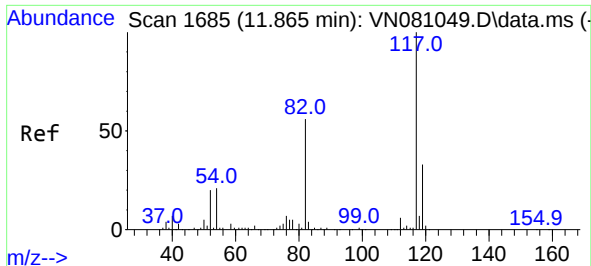
Tgt Ion: 98 Resp: 557172
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.754 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion: 95 Resp: 201435
Ion Ratio Lower Upper
95 100
174 69.1 0.0 120.4
176 67.8 0.0 121.0

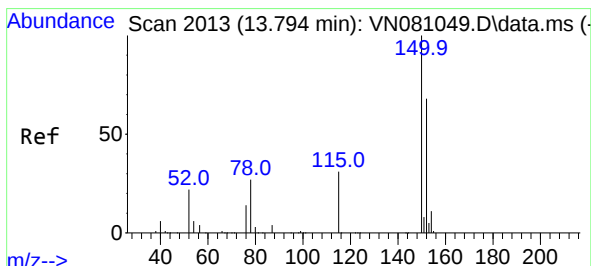
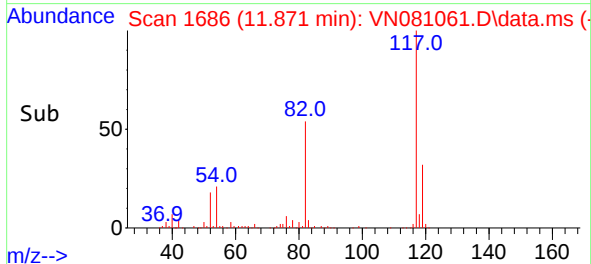
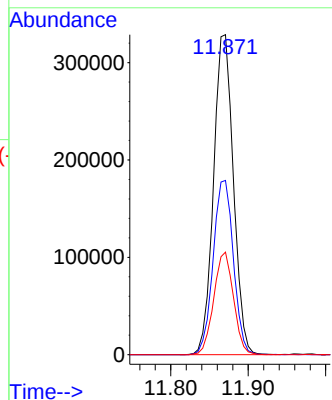
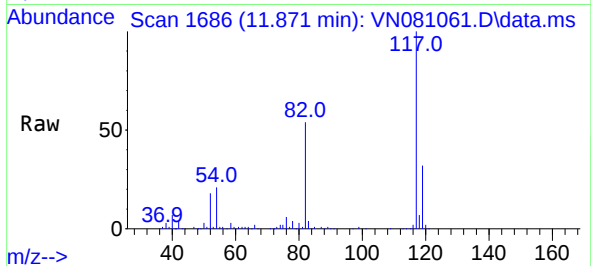




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 586697
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 32.0 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: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion:152 Resp: 235426
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 155.1 0.0 339.8

