

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102423\
 Data File : VN079662.D
 Acq On : 24 Oct 2023 17:14
 Operator : JC\MD
 Sample : 05029-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 231010056-08-TRIP-BLANK

Quant Time: Oct 25 02:00:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	244177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	470040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	467991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	150719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201179	50.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	8.171	113	180752	53.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.020%
50) Toluene-d8	10.571	98	559968	45.816	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.853	95	194593	49.612	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.220%

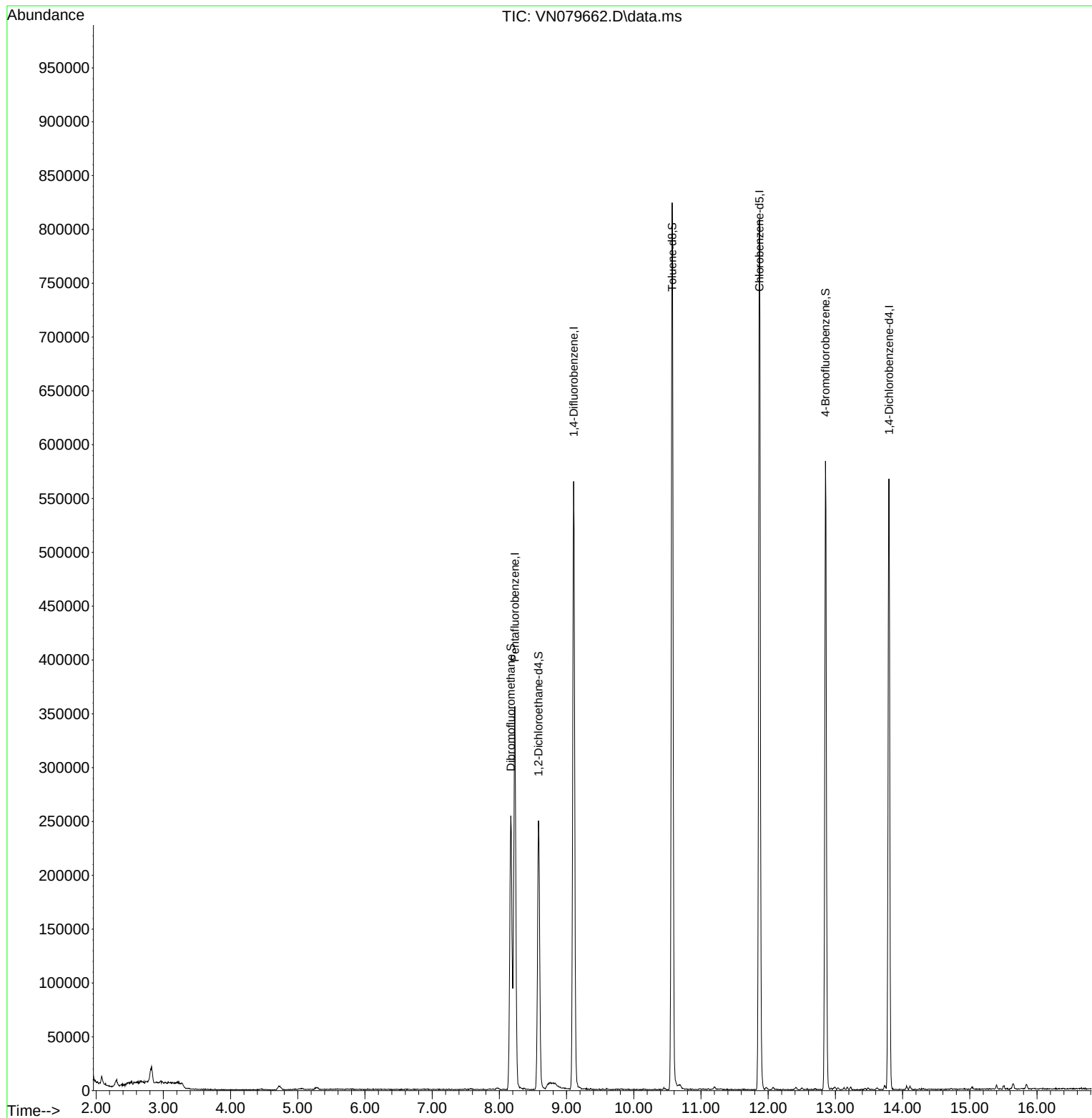
Target Compounds	Qvalue

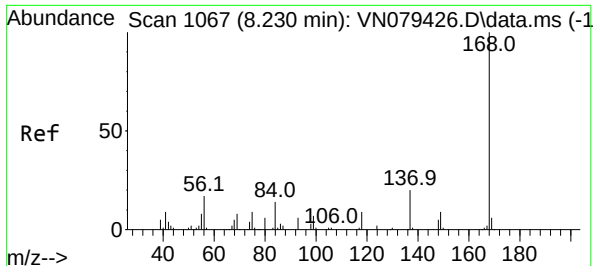
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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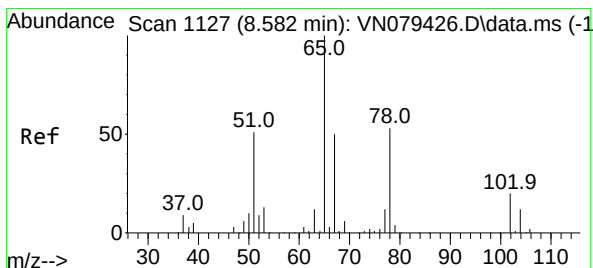
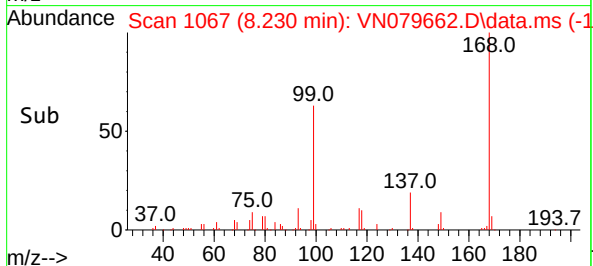
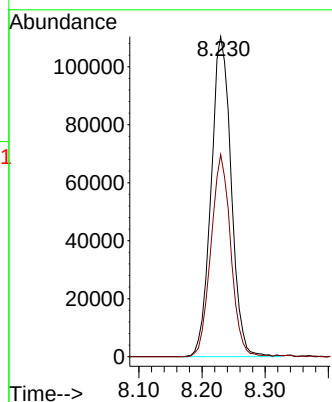
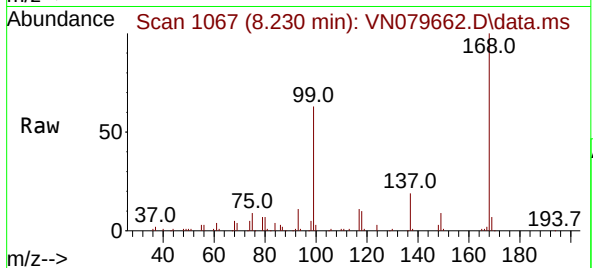




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

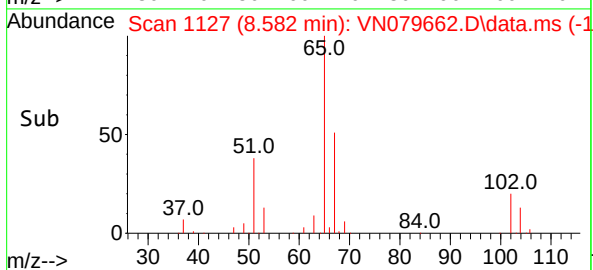
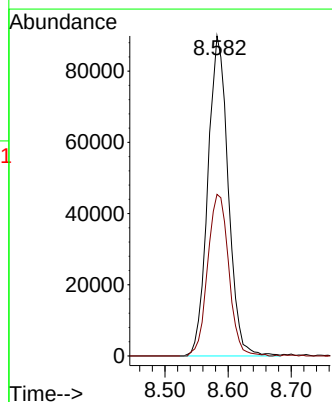
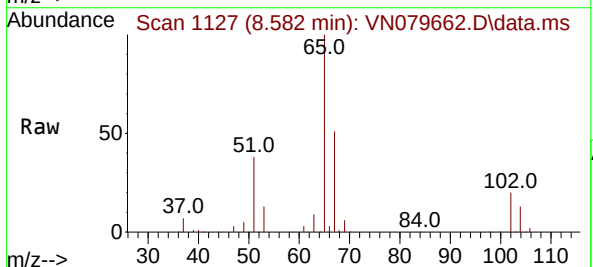
Instrument :
MSVOA_N
ClientSampleId :
231010056-08-TRIP-BLANK

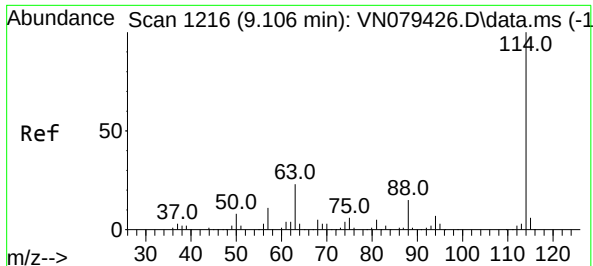
Tgt Ion:168 Resp: 244177
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.814 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

Tgt Ion: 65 Resp: 201179
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

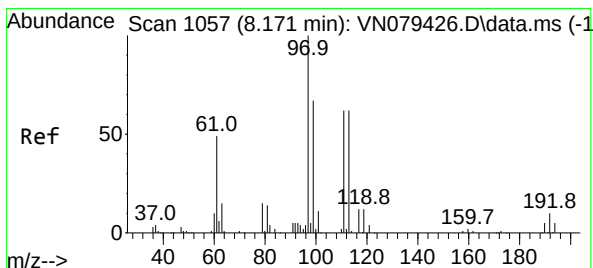
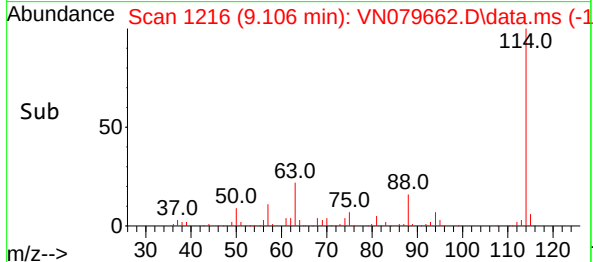
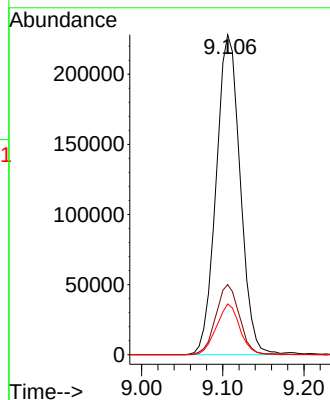
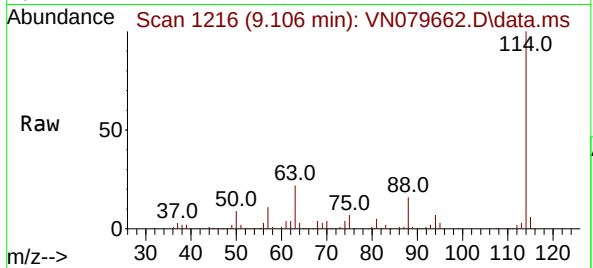




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

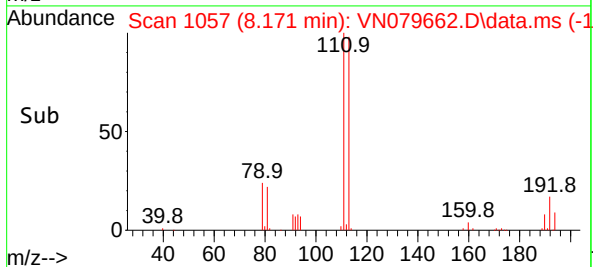
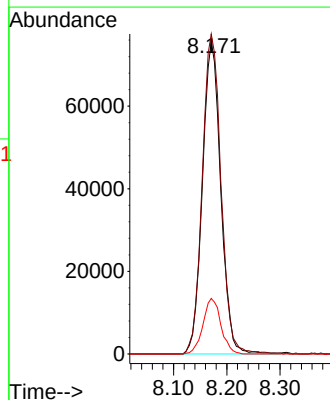
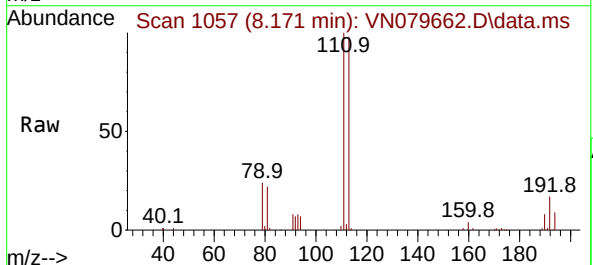
Instrument :
MSVOA_N
ClientSampleId :
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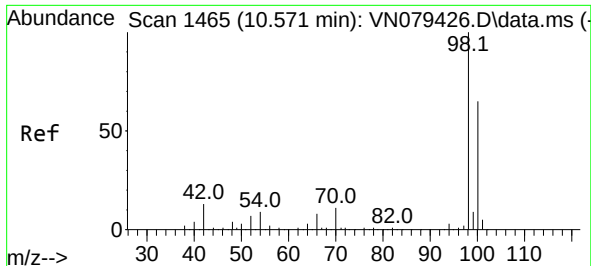
Tgt Ion:114 Resp: 470040
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.511 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

Tgt Ion:113 Resp: 180752
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 17.4 12.7 19.1

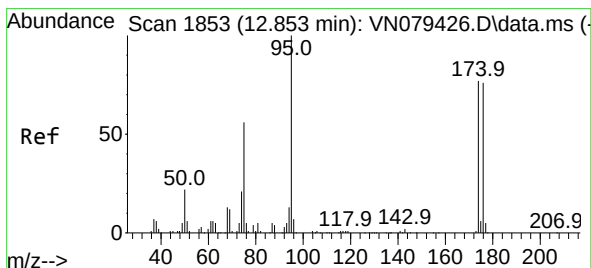
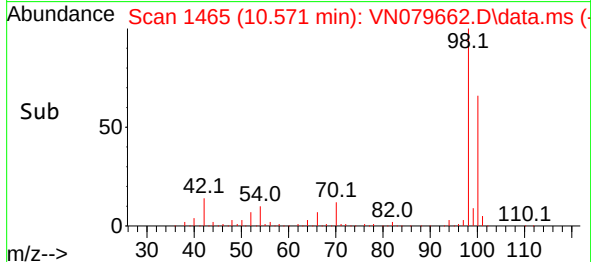
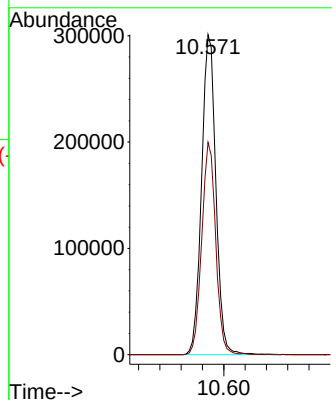
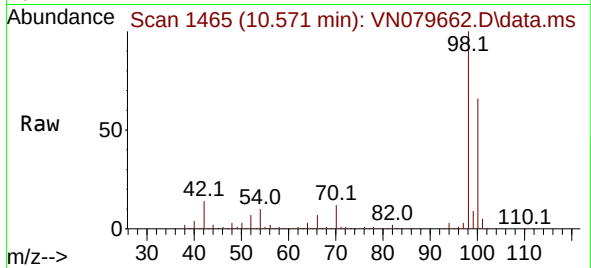




#50
Toluene-d8
Concen: 45.816 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

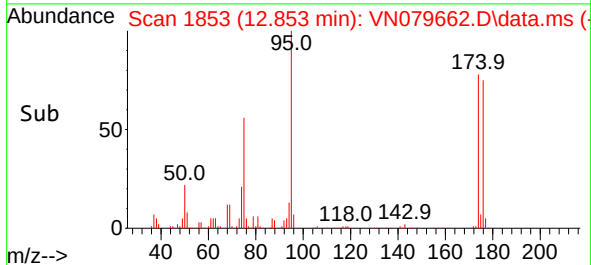
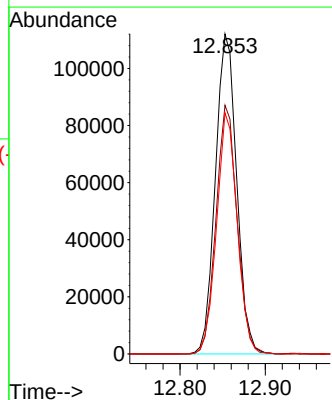
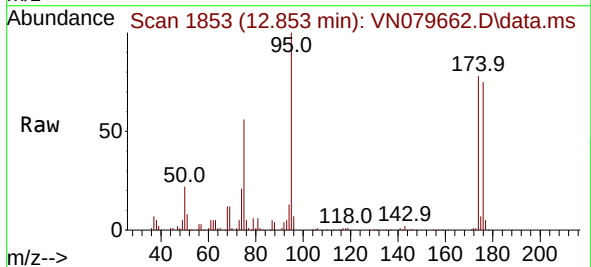
Instrument :
MSVOA_N
ClientSampleId :
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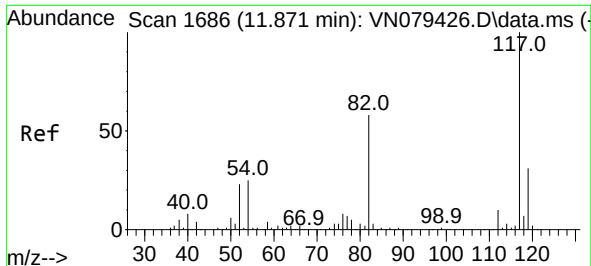
Tgt Ion: 98 Resp: 559968
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.612 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

Tgt Ion: 95 Resp: 194593
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 73.0 0.0 135.8

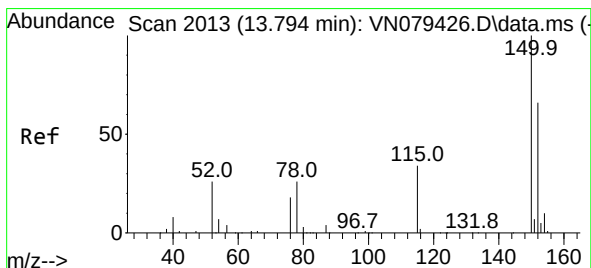
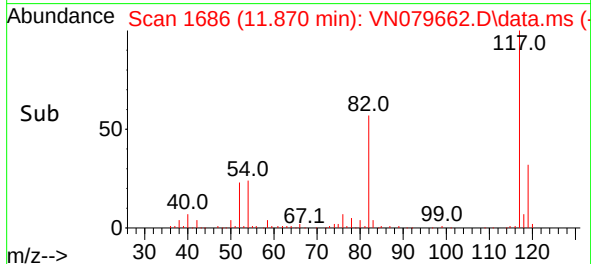
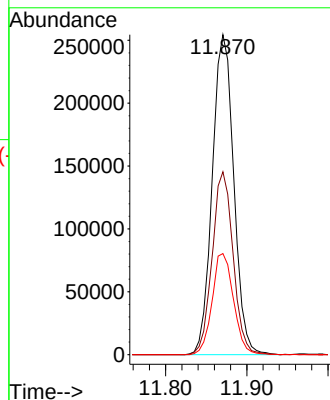
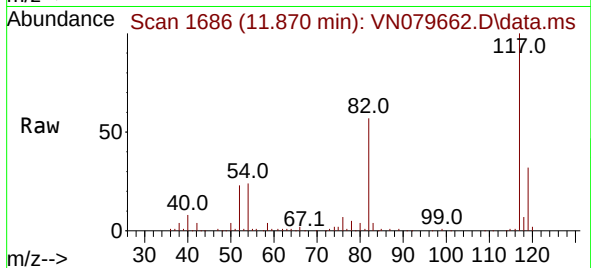




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

Instrument :
MSVOA_N
ClientSampleId :
231010056-08-TRIP-BLANK

Tgt Ion:117 Resp: 467991
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079662.D
Acq: 24 Oct 2023 17:14

Tgt Ion:152 Resp: 150719
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 158.0 0.0 355.8

