

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079276.D
 Acq On : 15 Sep 2023 16:54
 Operator : JC\MD
 Sample : 04408-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-16-0912

Quant Time: Sep 16 01:55:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	174463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	88145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	153652	65.243	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	130.480%#
35) Dibromofluoromethane	8.171	113	125133	53.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.600%
50) Toluene-d8	10.571	98	421700	48.920	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.853	95	121648	44.241	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.480%

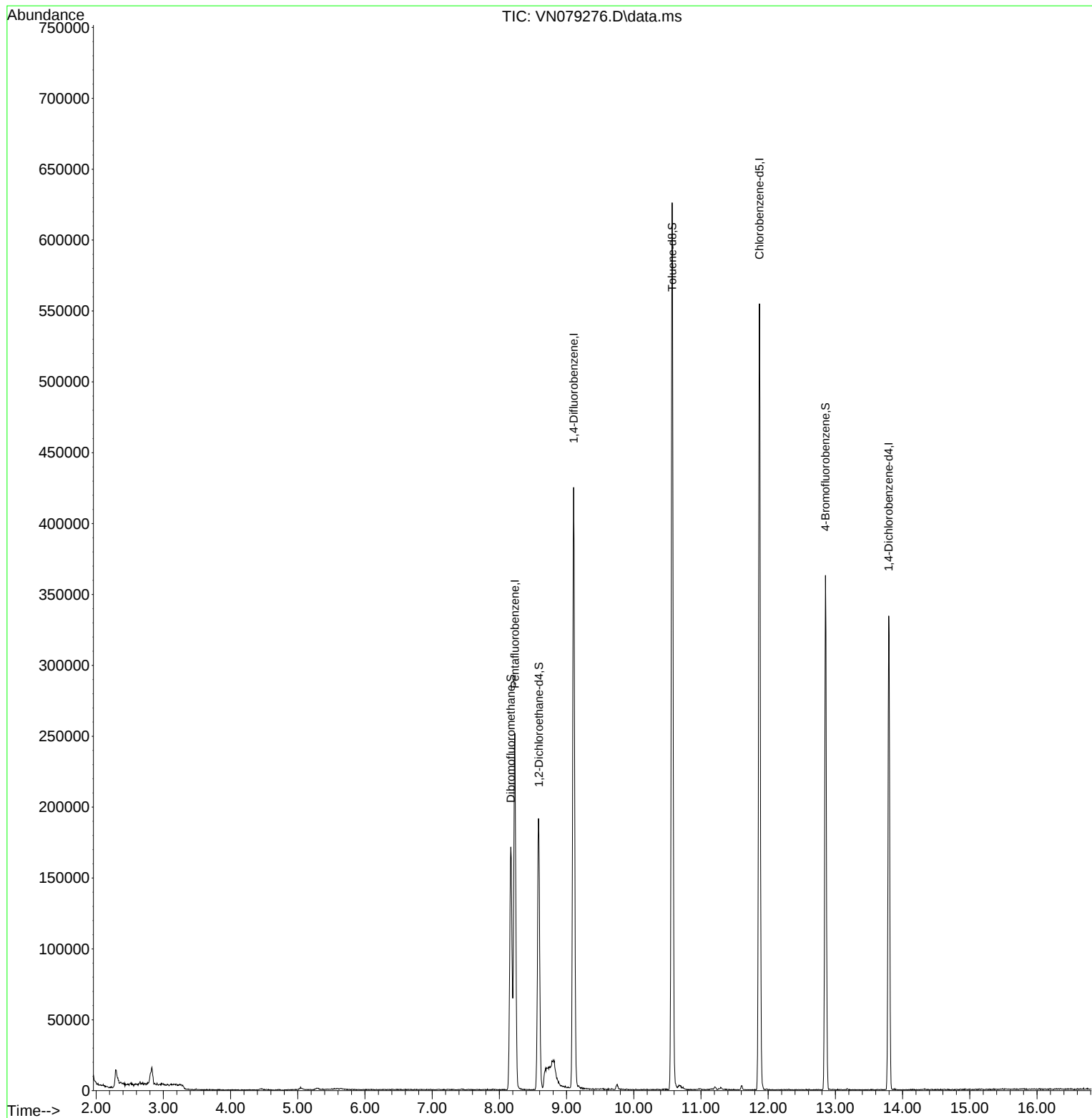
Target Compounds	Qvalue

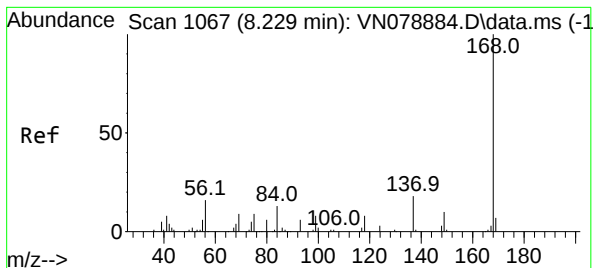
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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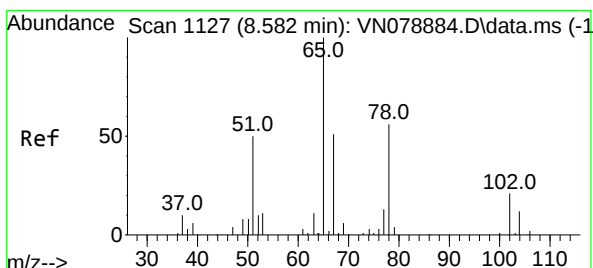
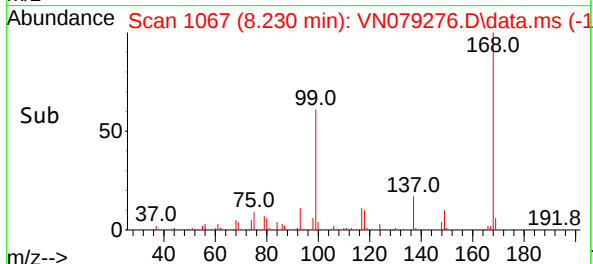
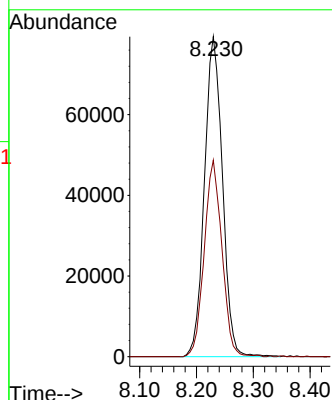
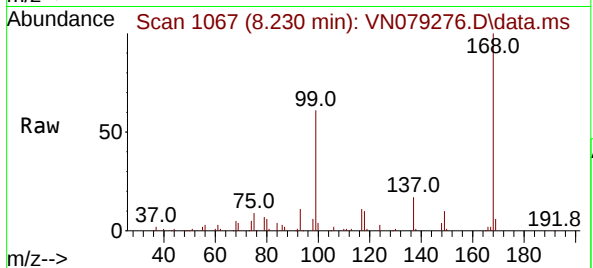




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

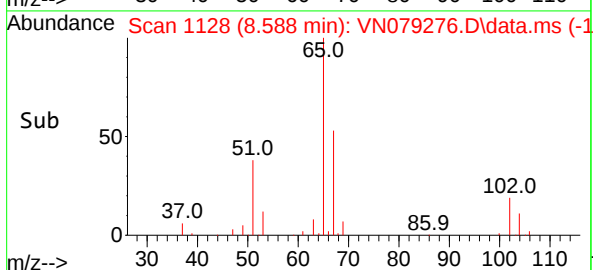
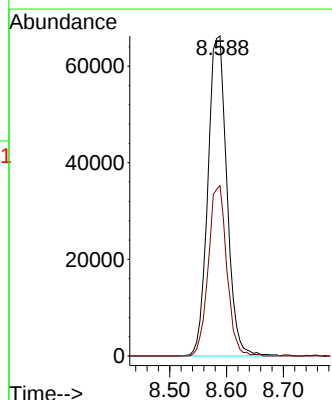
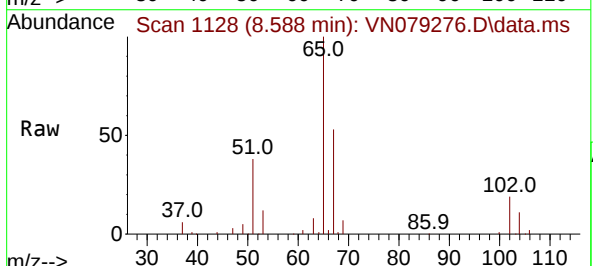
Instrument :
MSVOA_N
ClientSampleId :
MW-16-0912

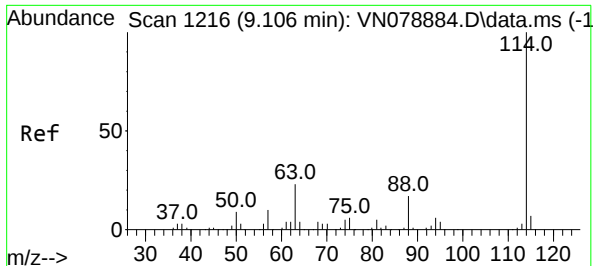
Tgt Ion:168 Resp: 174463
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 65.243 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion: 65 Resp: 153652
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.6

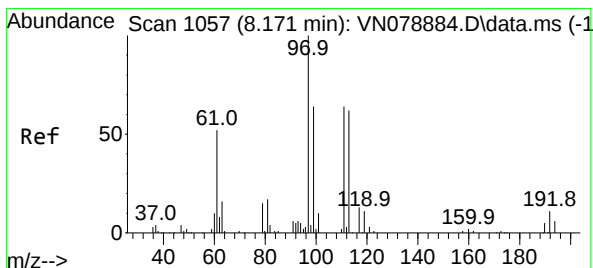
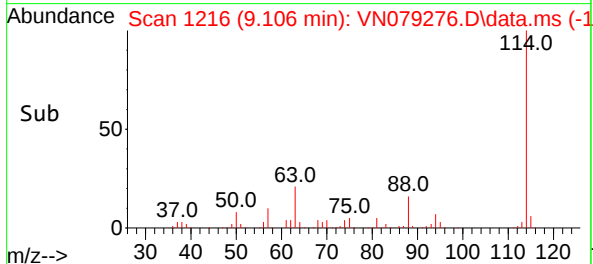
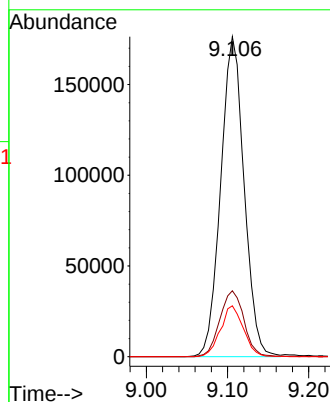
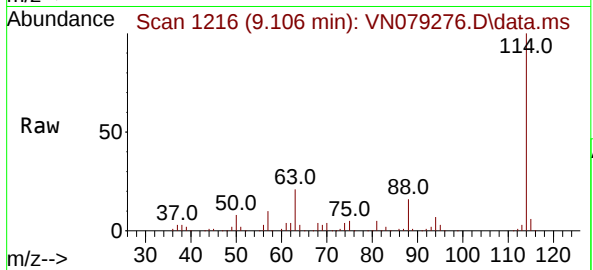




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

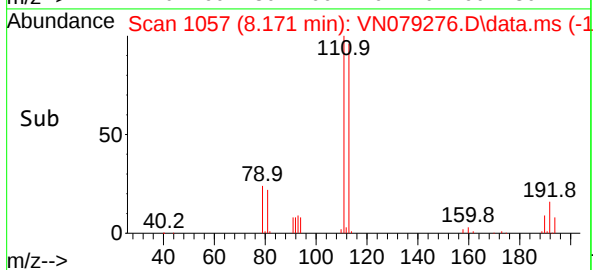
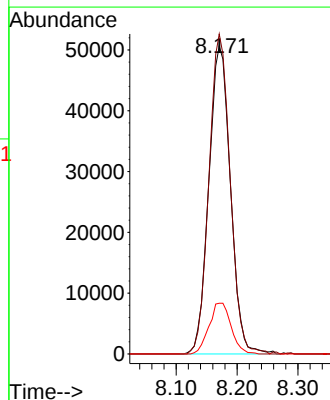
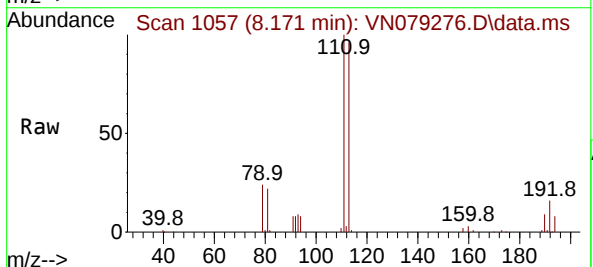
Instrument :
MSVOA_N
ClientSampleId :
MW-16-0912

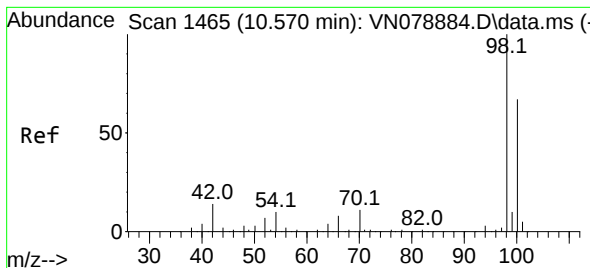
Tgt Ion:114 Resp: 352935
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.301 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion:113 Resp: 125133
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.8 12.7 19.1

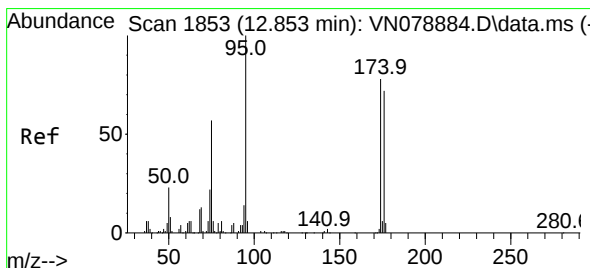
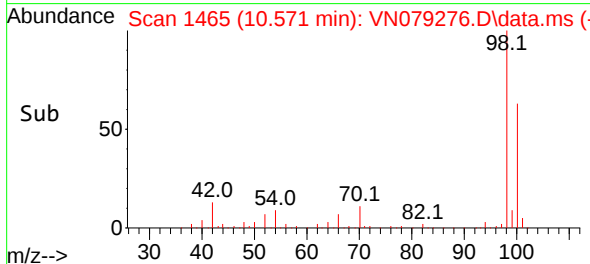
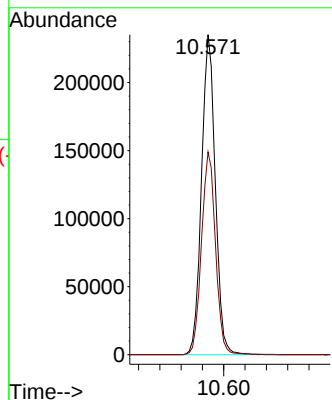
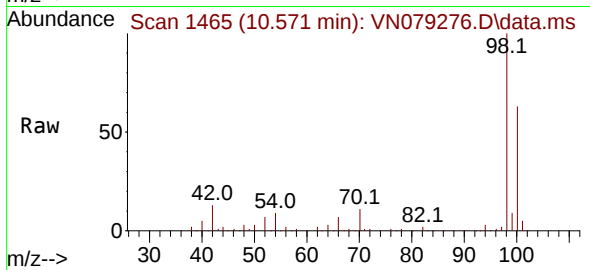




#50
Toluene-d8
Concen: 48.920 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

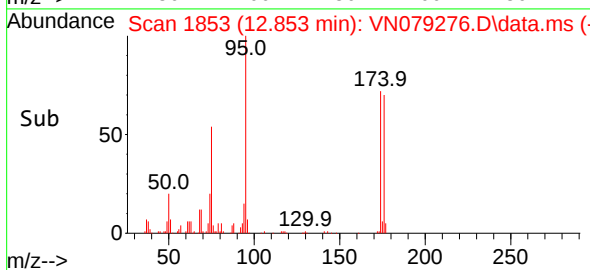
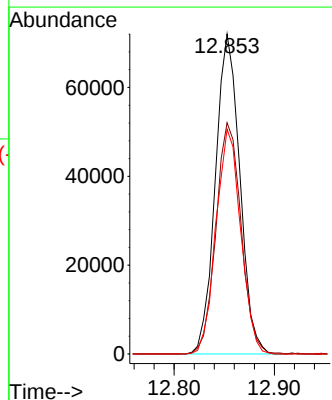
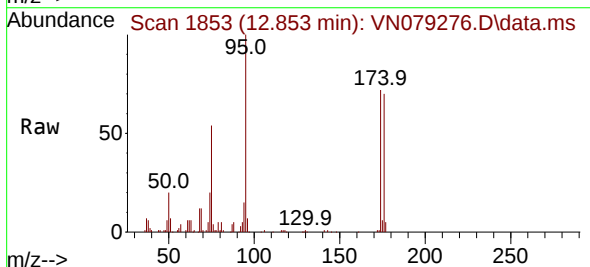
Instrument :
MSVOA_N
ClientSampleId :
MW-16-0912

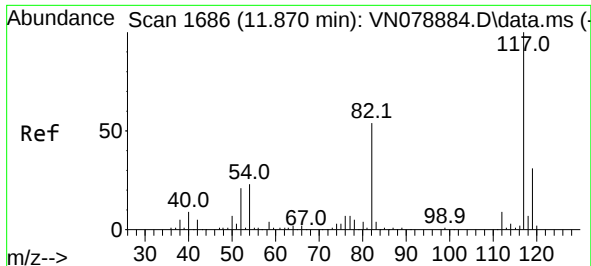
Tgt Ion: 98 Resp: 421700
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.241 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion: 95 Resp: 121648
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 71.2 0.0 135.8

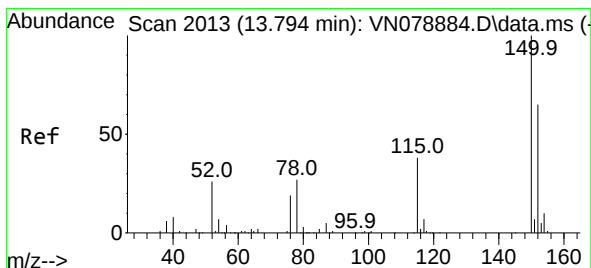
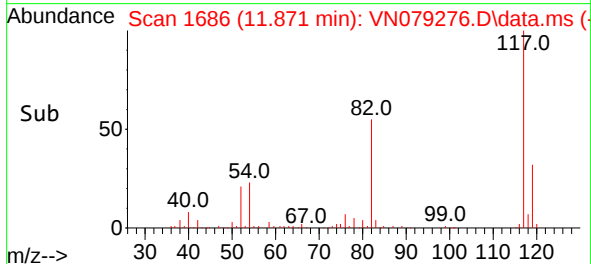
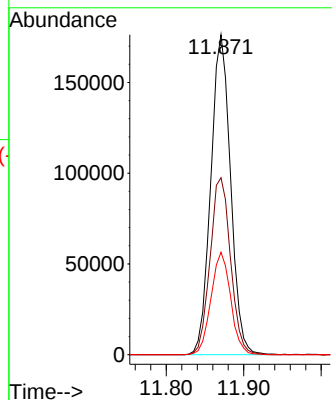
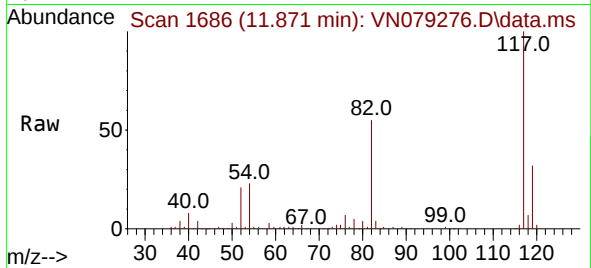




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Instrument :
MSVOA_N
ClientSampleId :
MW-16-0912

Tgt Ion:117 Resp: 312569
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079276.D
Acq: 15 Sep 2023 16:54

Tgt Ion:152 Resp: 88145
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 153.5 0.0 355.8

