

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078982.D
 Acq On : 22 Aug 2023 10:22
 Operator : JC\MD
 Sample : VN0822WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

Quant Time: Aug 23 02:57:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	178718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	300780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	145083	52.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.340%
35) Dibromofluoromethane	8.171	113	120261	53.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.100%
50) Toluene-d8	10.571	98	405328	48.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.853	95	121491	44.573	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.140%

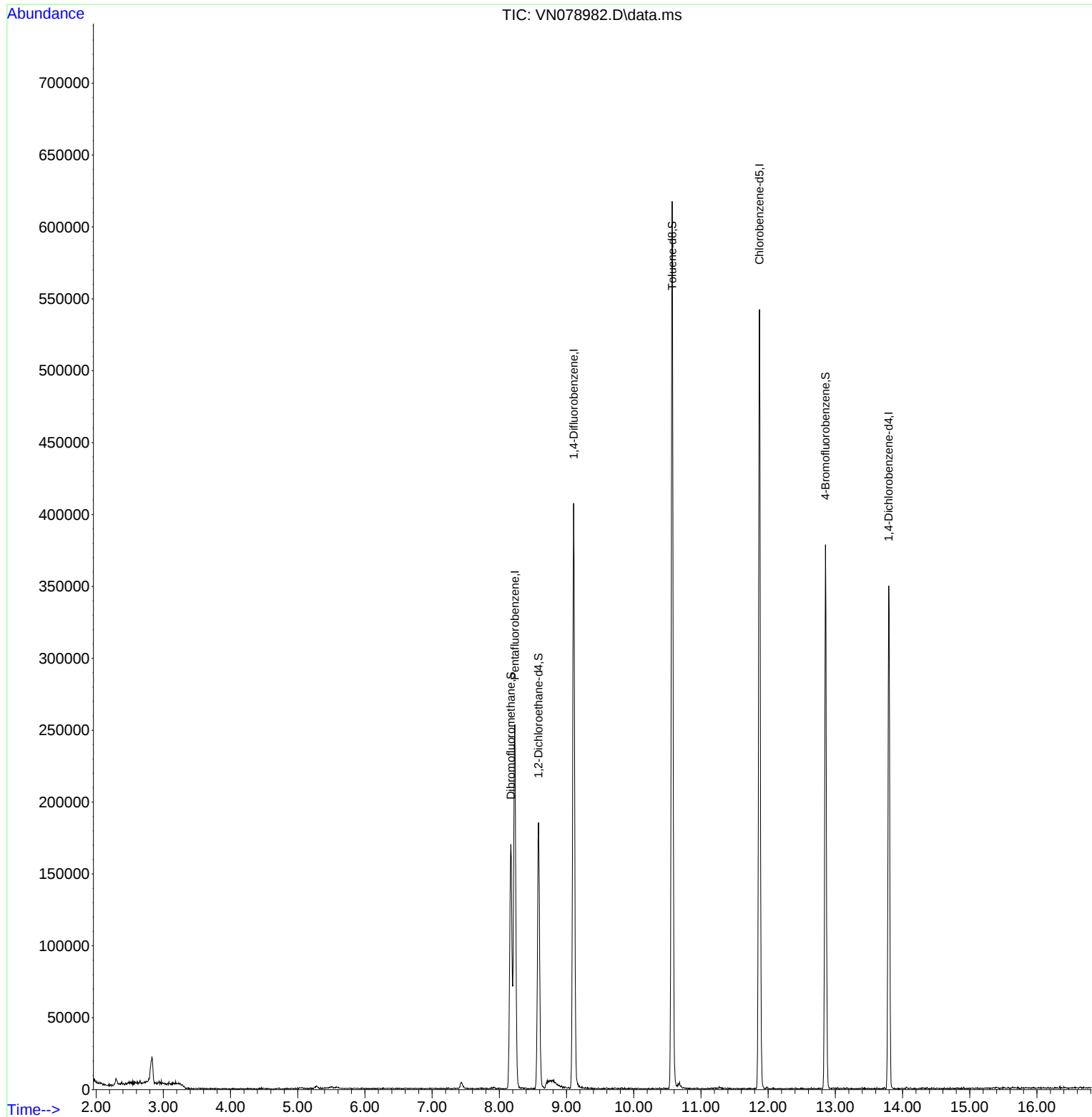
Target Compounds	Qvalue

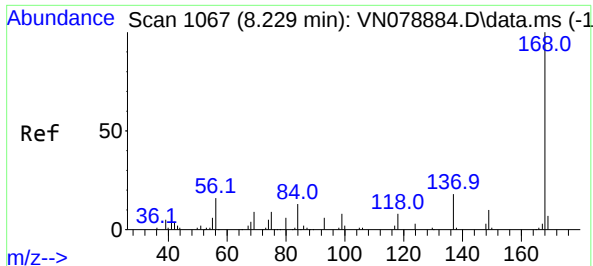
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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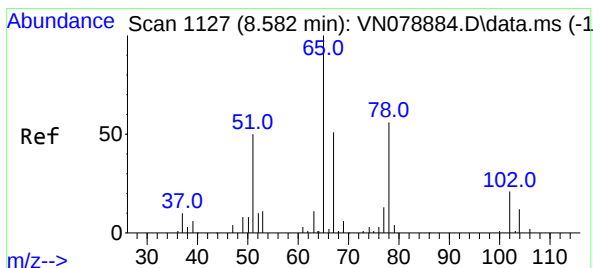
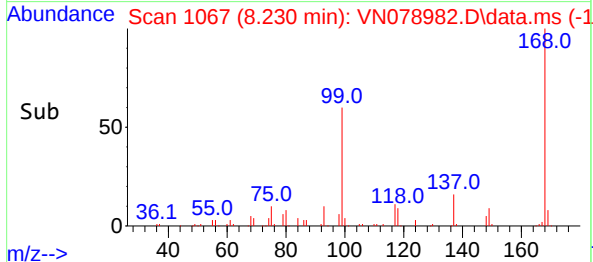
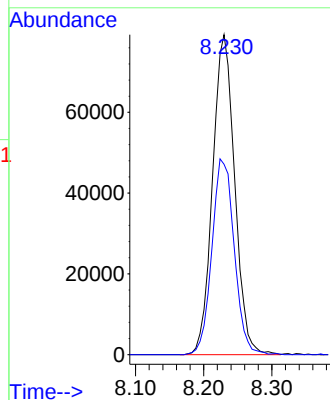
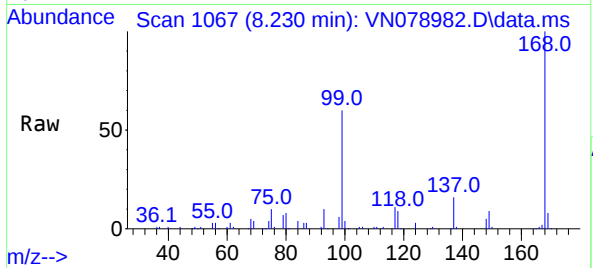
VN0822WBL01

Tgt Ion:168 Resp: 178718

Ion Ratio Lower Upper

168 100

99 59.5 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 52.169 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078982.D

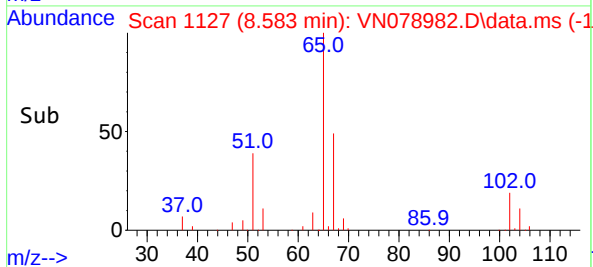
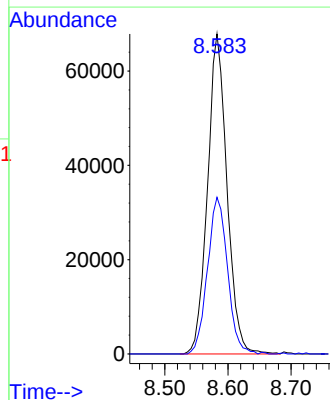
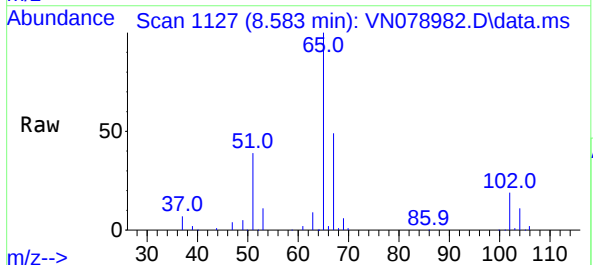
Acq: 22 Aug 2023 10:22

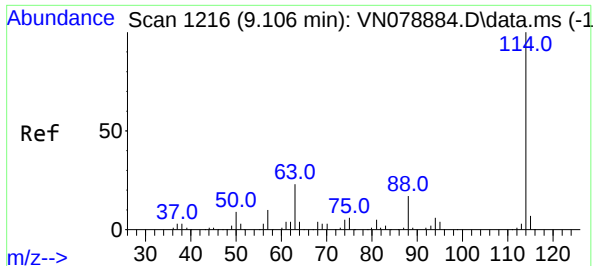
Tgt Ion: 65 Resp: 145083

Ion Ratio Lower Upper

65 100

67 50.3 0.0 106.6

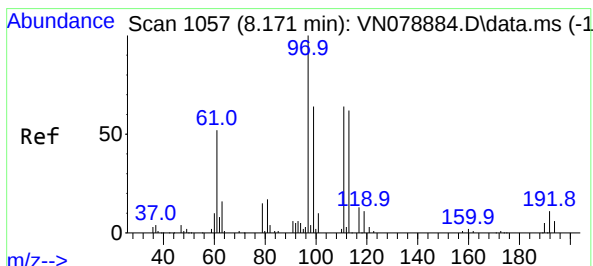
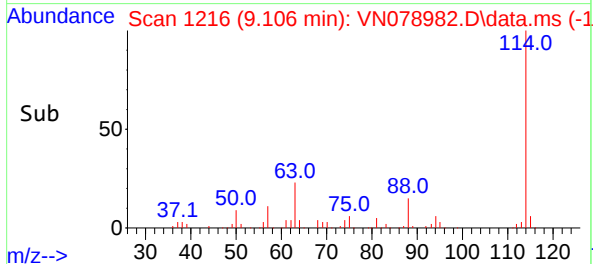
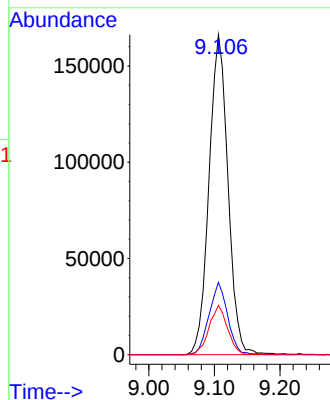
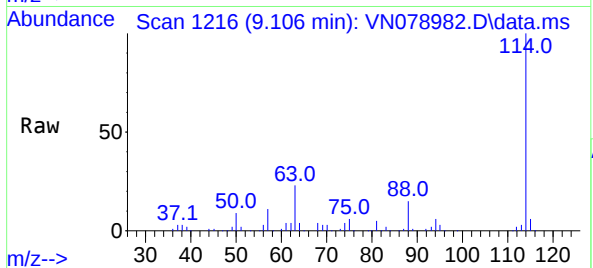




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078982.D
Acq: 22 Aug 2023 10:22

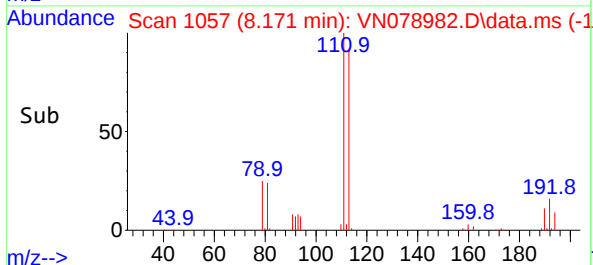
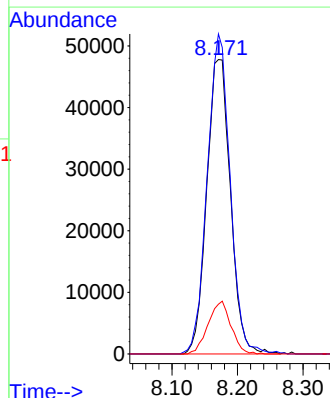
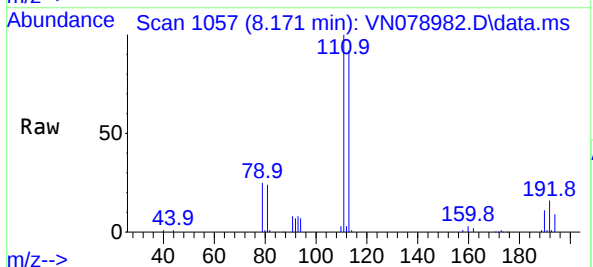
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

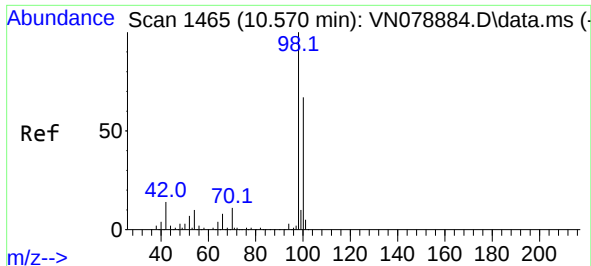
Tgt Ion:114 Resp: 333633
Ion Ratio Lower Upper
114 100
63 22.6 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.548 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078982.D
Acq: 22 Aug 2023 10:22

Tgt Ion:113 Resp: 120261
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 17.2 12.7 19.1

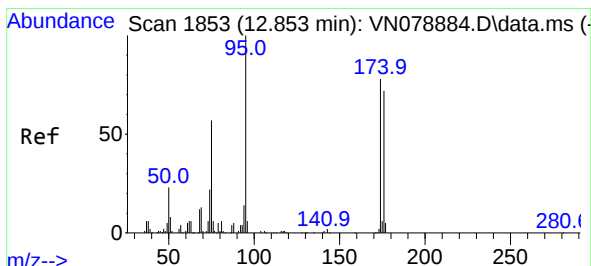
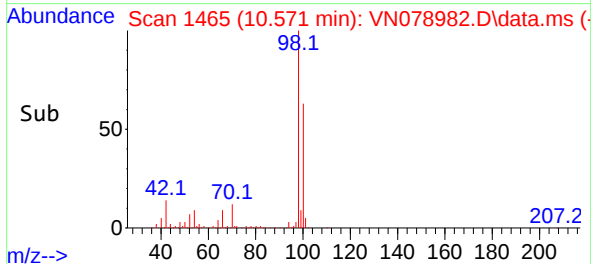
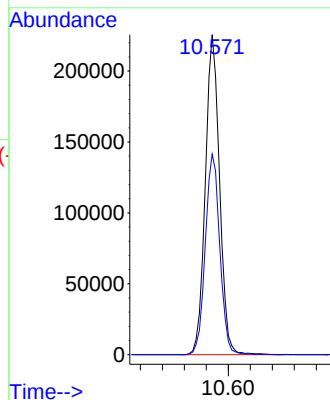
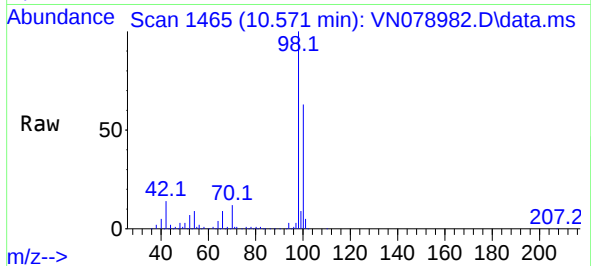




#50
Toluene-d8
Concen: 48.606 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078982.D
Acq: 22 Aug 2023 10:22

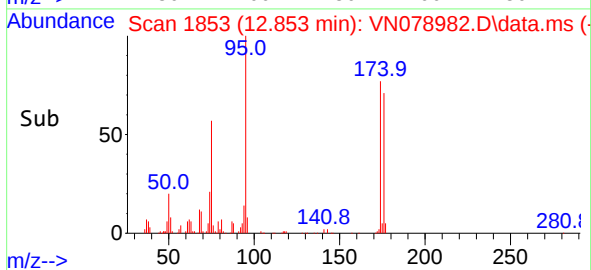
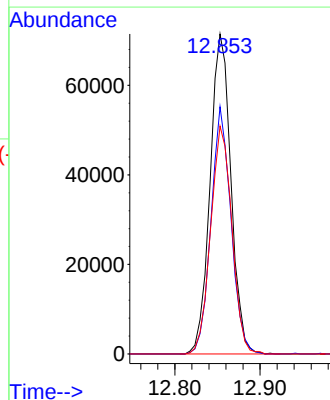
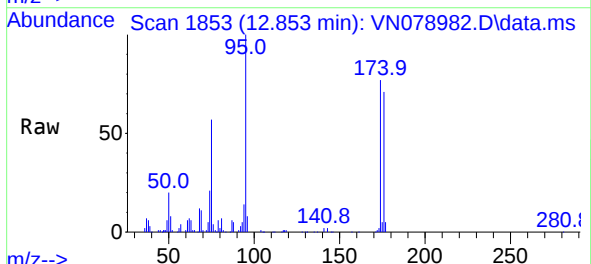
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

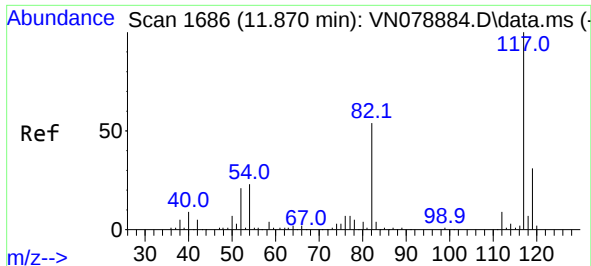
Tgt Ion: 98 Resp: 405328
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.573 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078982.D
Acq: 22 Aug 2023 10:22

Tgt Ion: 95 Resp: 121491
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.8
176 72.4 0.0 135.8

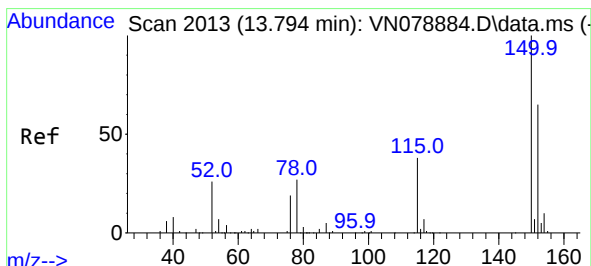
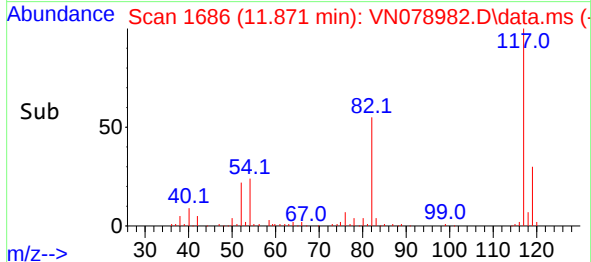
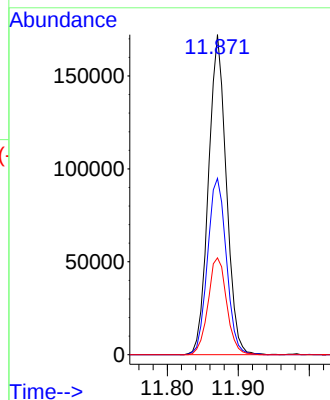
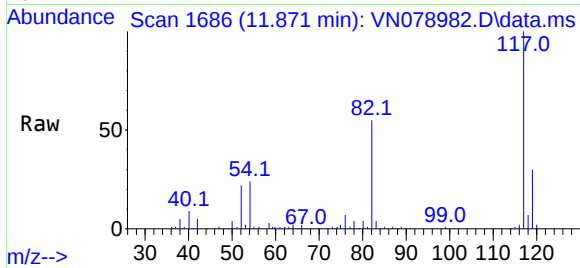




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078982.D
Acq: 22 Aug 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

Tgt Ion:117 Resp: 300780
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 30.3 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: VN078982.D
Acq: 22 Aug 2023 10:22

Tgt Ion:152 Resp: 89415
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 159.4 0.0 355.8

