

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079009.D
 Acq On : 23 Aug 2023 12:08
 Operator : JC\MD
 Sample : VN0823WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBL01

Quant Time: Aug 24 01:07:45 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	194159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	360958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	323355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102094	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146922	48.629	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.260%
35) Dibromofluoromethane	8.171	113	124537	51.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	10.571	98	439337	48.696	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.853	95	132637	44.978	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.960%

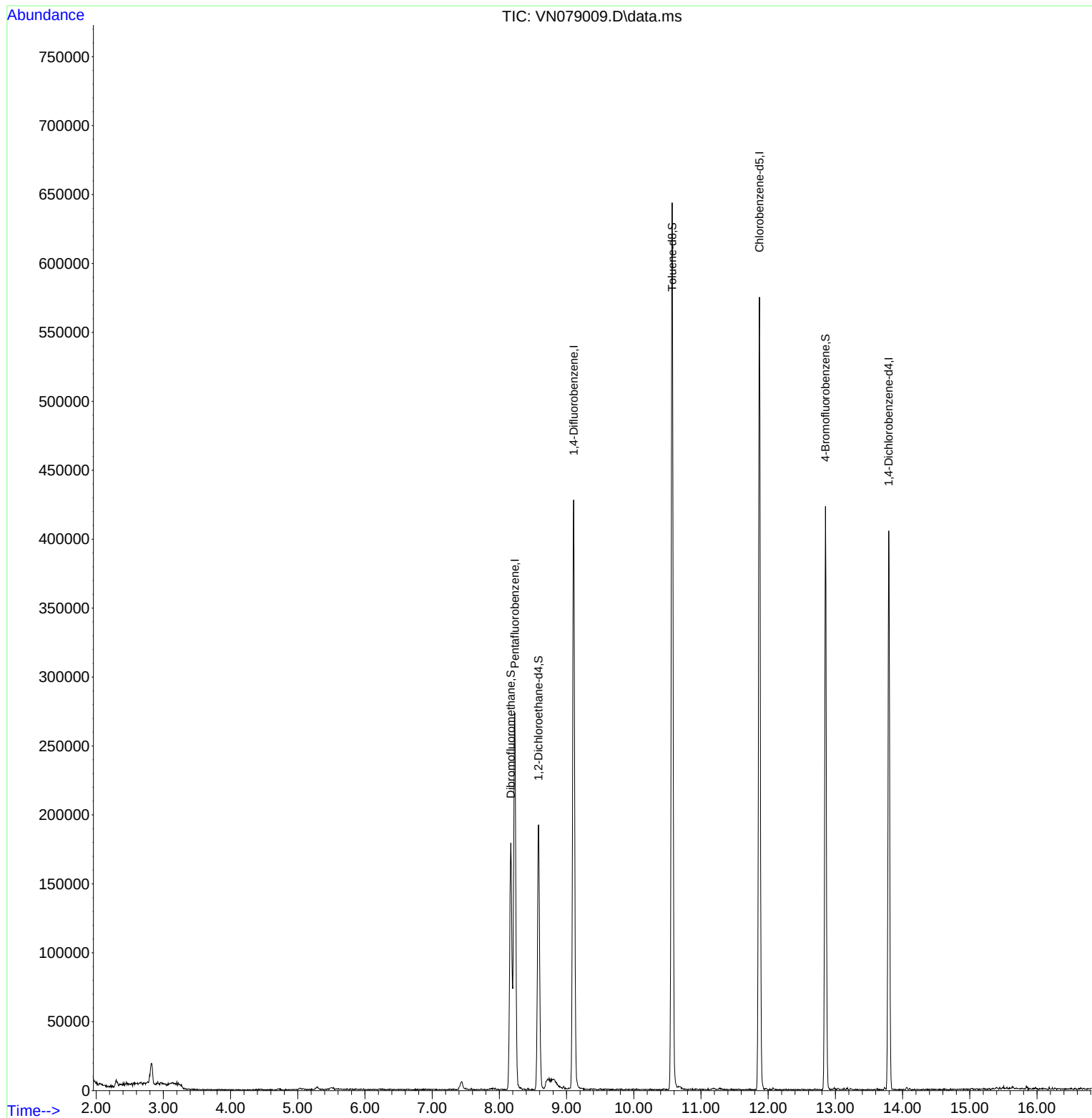
Target Compounds	Qvalue

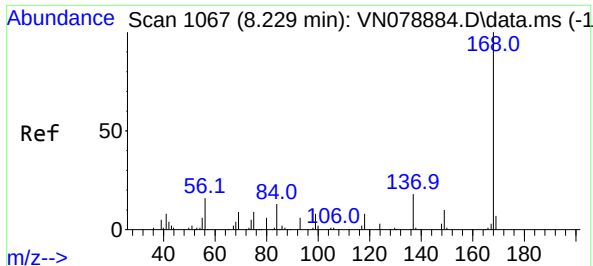
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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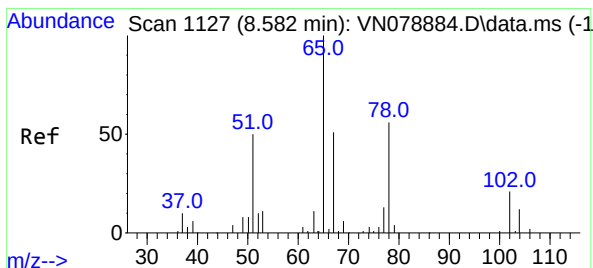
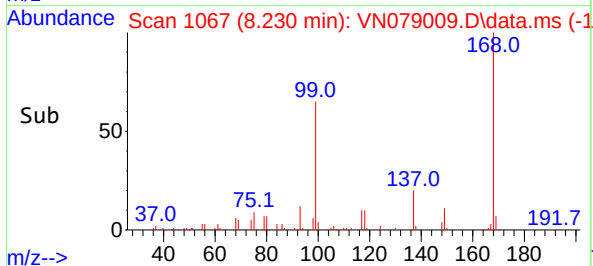
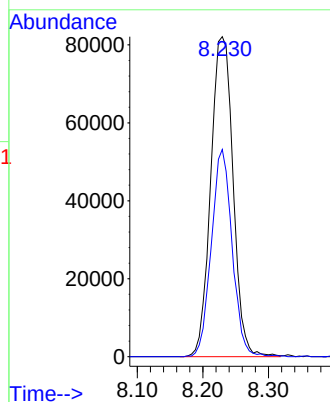
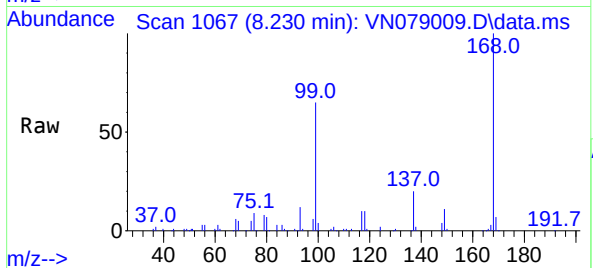




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079009.D
Acq: 23 Aug 2023 12:08

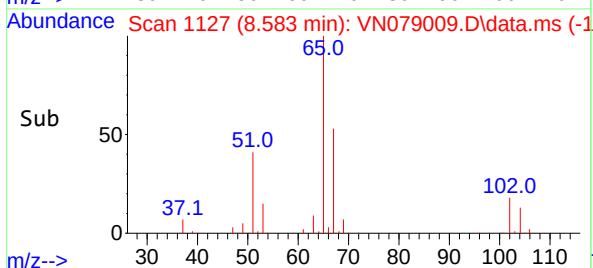
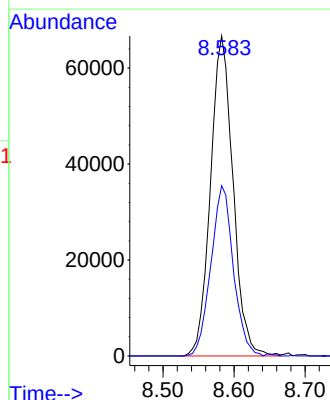
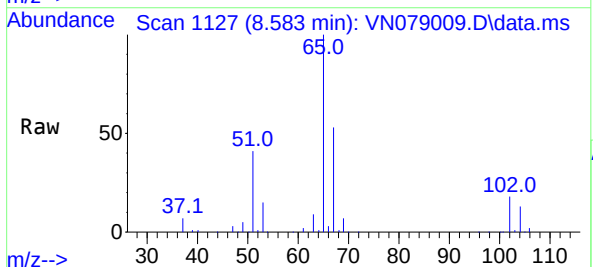
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

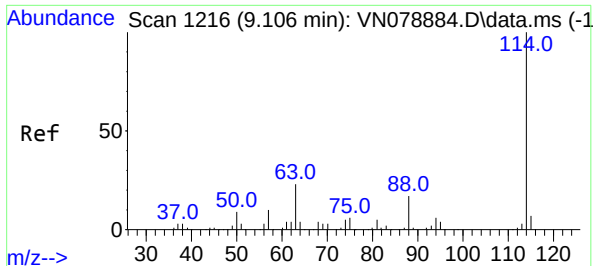
Tgt Ion:168 Resp: 194159
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 48.629 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079009.D
Acq: 23 Aug 2023 12:08

Tgt Ion: 65 Resp: 146922
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

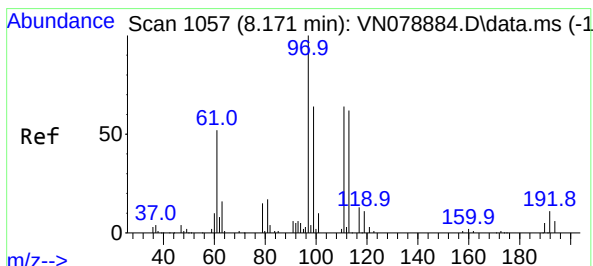
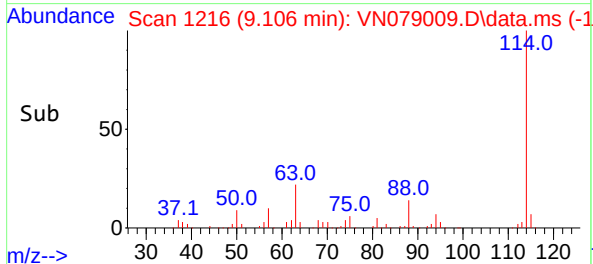
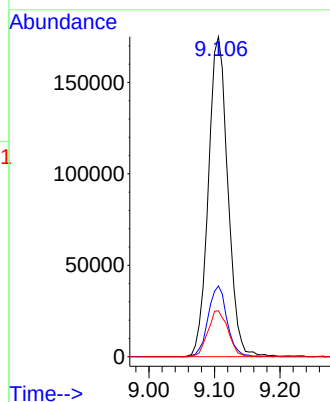
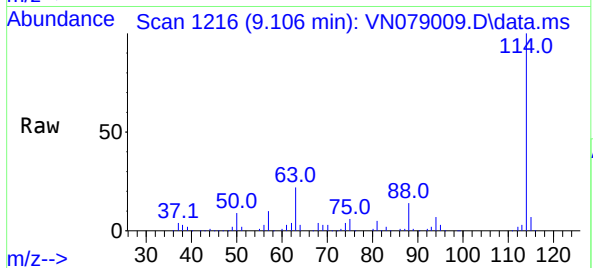




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079009.D
Acq: 23 Aug 2023 12:08

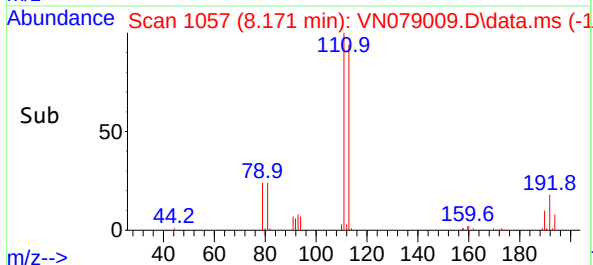
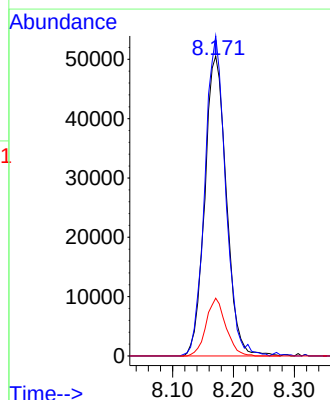
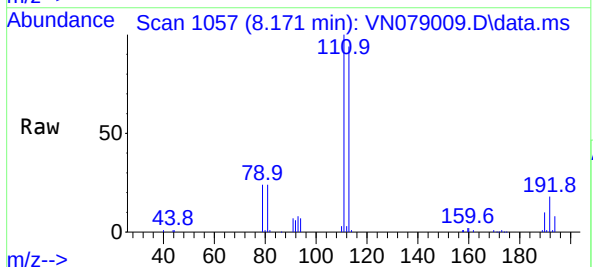
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

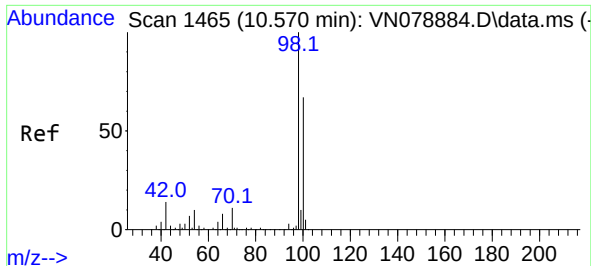
Tgt Ion:114 Resp: 360958
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.254 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079009.D
Acq: 23 Aug 2023 12:08

Tgt Ion:113 Resp: 124537
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.6 12.7 19.1

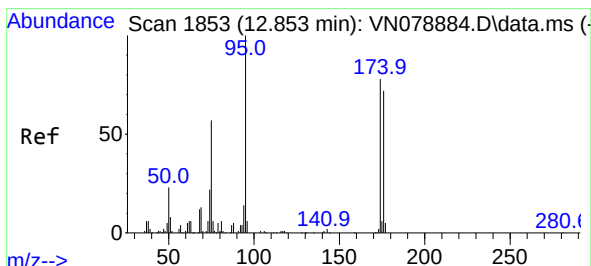
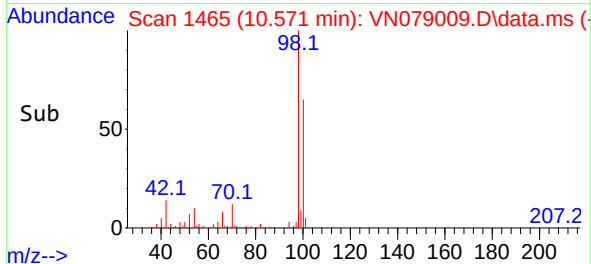
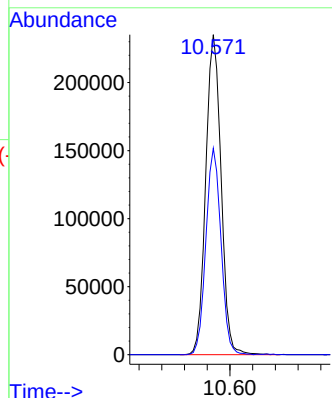
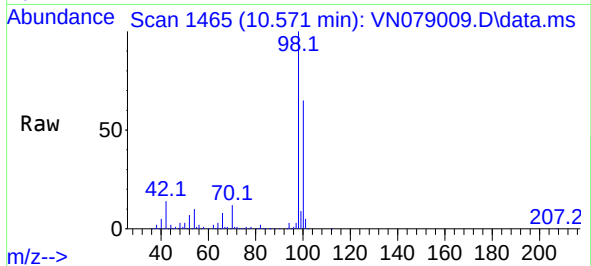




#50
Toluene-d8
Concen: 48.696 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079009.D
Acq: 23 Aug 2023 12:08

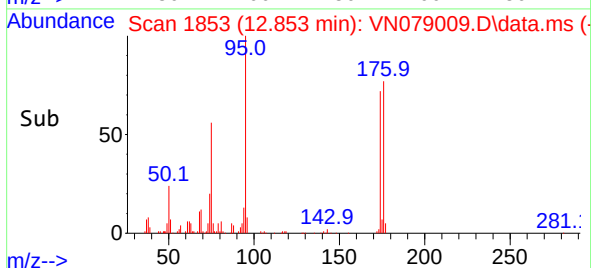
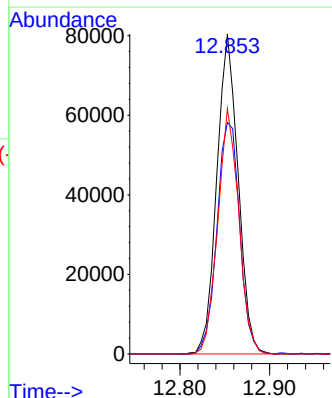
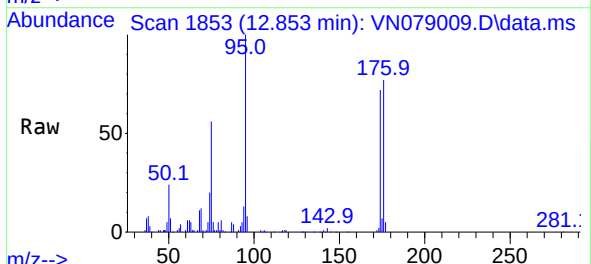
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

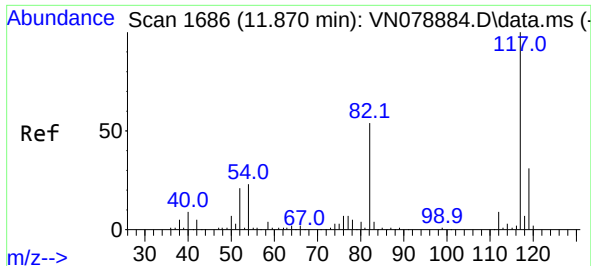
Tgt Ion: 98 Resp: 439337
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.978 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079009.D
Acq: 23 Aug 2023 12:08

Tgt Ion: 95 Resp: 132637
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 75.5 0.0 135.8

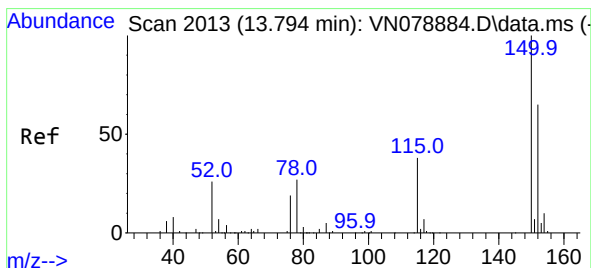
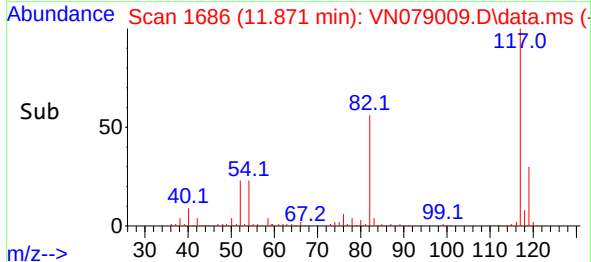
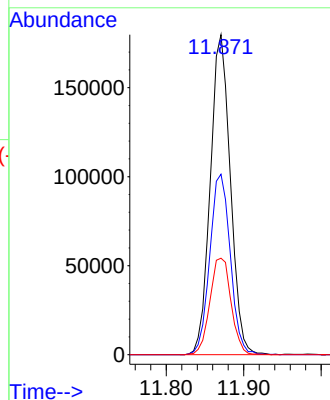
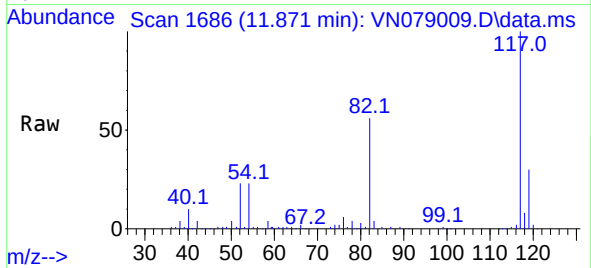




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079009.D
Acq: 23 Aug 2023 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBL01

Tgt Ion:117 Resp: 323355
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 30.2 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: VN079009.D
Acq: 23 Aug 2023 12:08

Tgt Ion:152 Resp: 102094
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 158.9 0.0 355.8

