

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079726.D
 Acq On : 30 Oct 2023 16:24
 Operator : JC\MD
 Sample : VN1030WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBL01

Quant Time: Oct 31 07:30:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	250437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	457168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	389253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	100696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225906	56.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.340%
35) Dibromofluoromethane	8.171	113	175202	53.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.260%
50) Toluene-d8	10.571	98	601766	49.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.853	95	150795	39.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.640%#

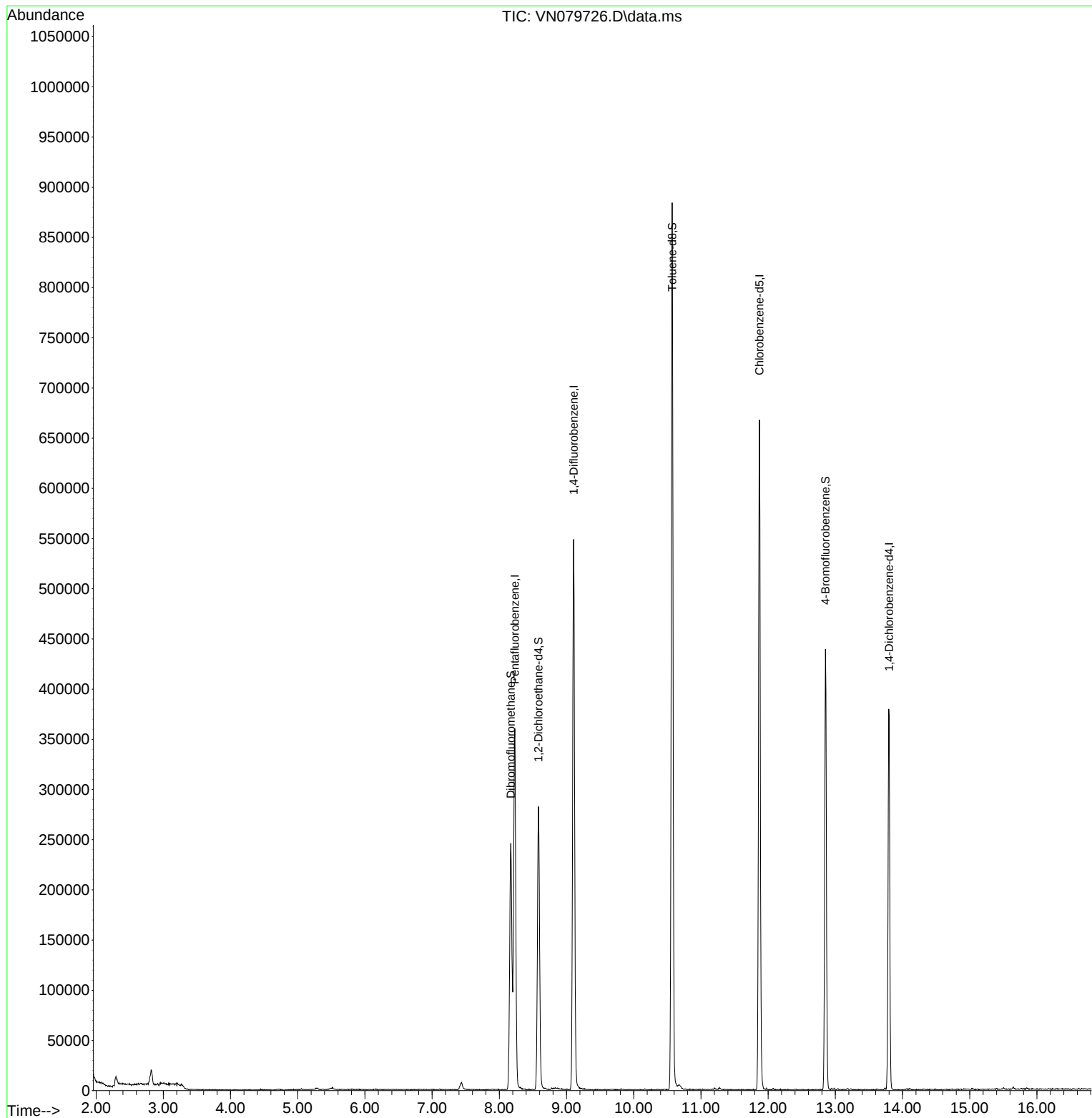
Target Compounds	Qvalue

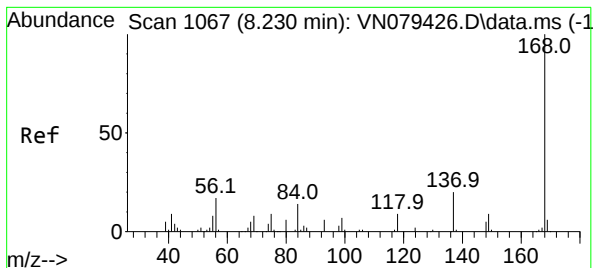
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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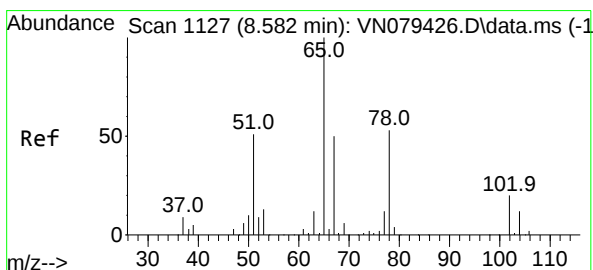
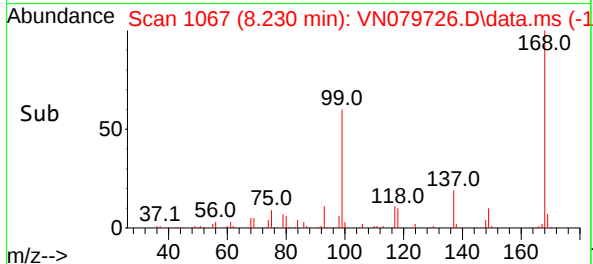
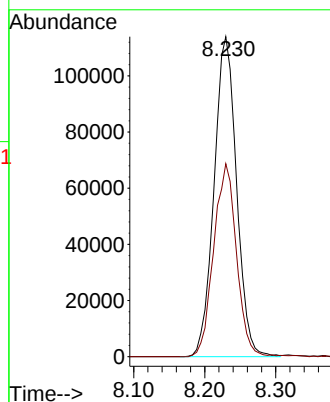
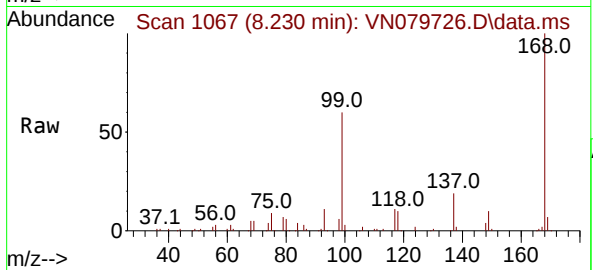




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079726.D
Acq: 30 Oct 2023 16:24

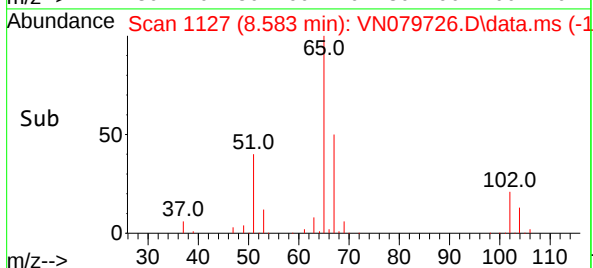
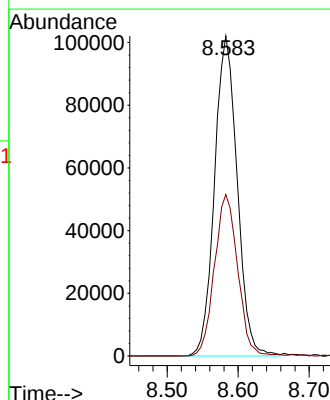
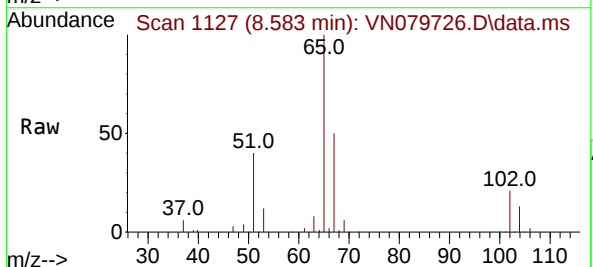
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBL01

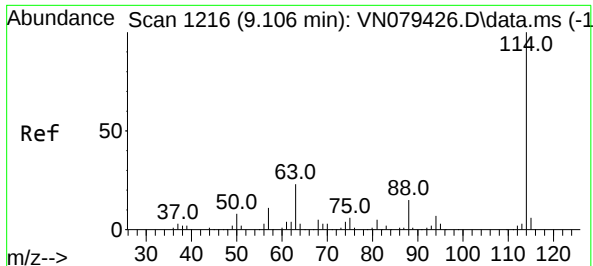
Tgt Ion:168 Resp: 250437
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.171 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079726.D
Acq: 30 Oct 2023 16:24

Tgt Ion: 65 Resp: 225906
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6

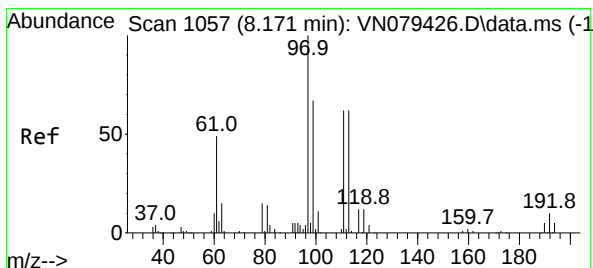
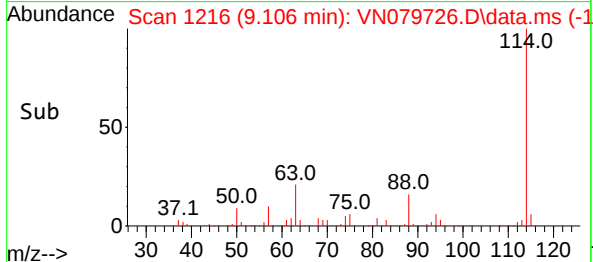
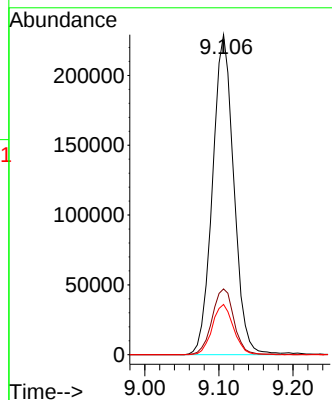
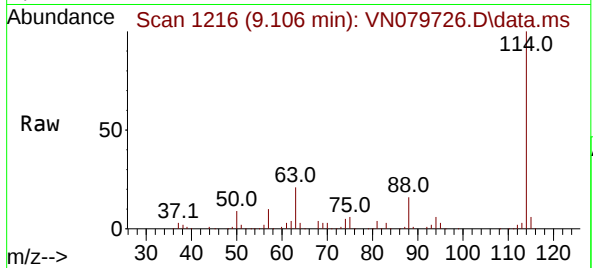




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079726.D
Acq: 30 Oct 2023 16:24

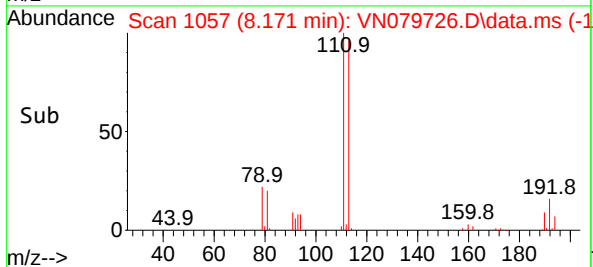
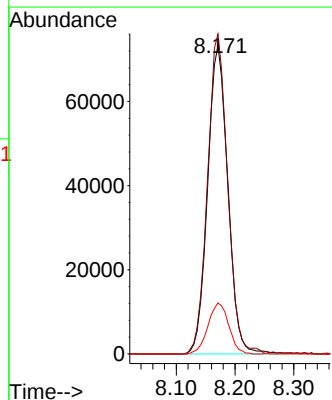
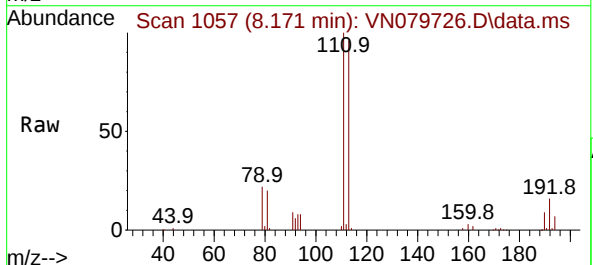
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBL01

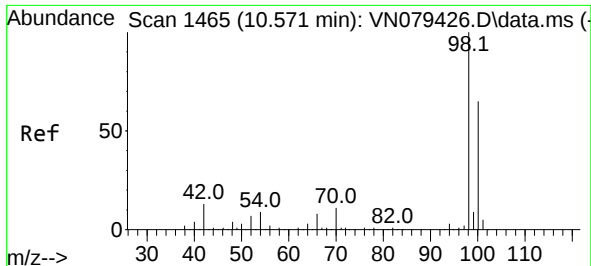
Tgt Ion:114 Resp: 457168
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.633 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079726.D
Acq: 30 Oct 2023 16:24

Tgt Ion:113 Resp: 175202
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.0 12.7 19.1

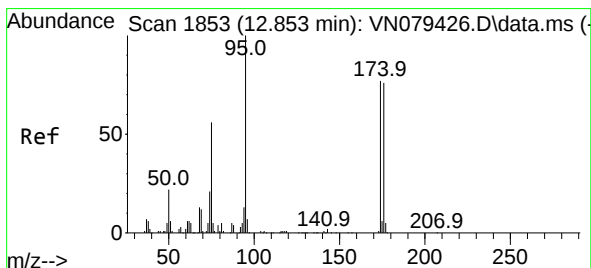
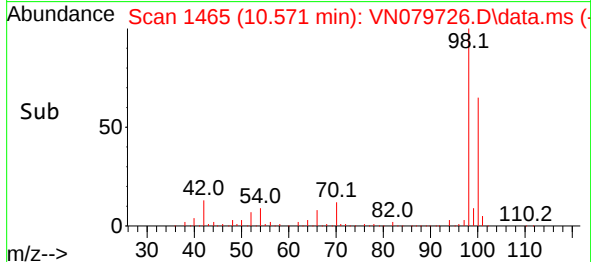
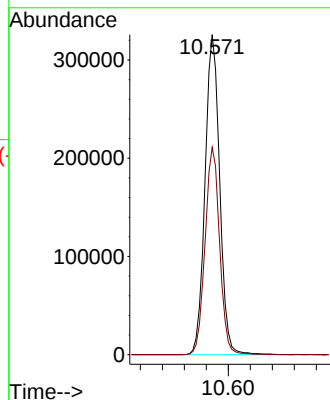
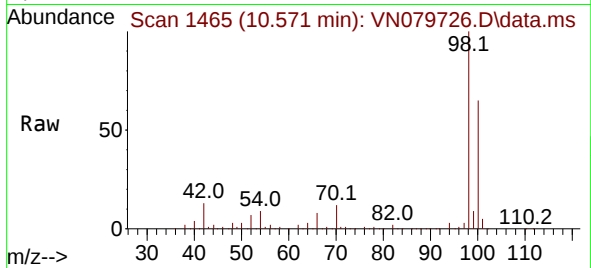




#50
Toluene-d8
Concen: 49.415 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079726.D
Acq: 30 Oct 2023 16:24

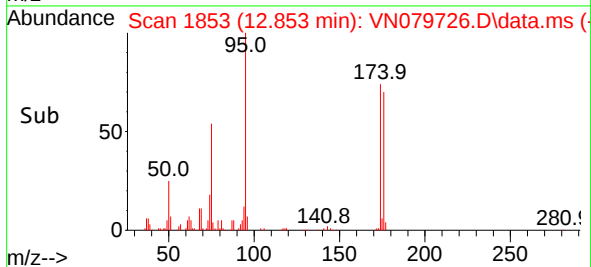
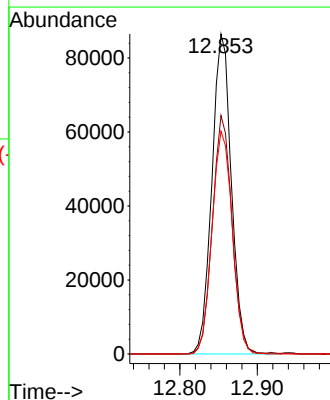
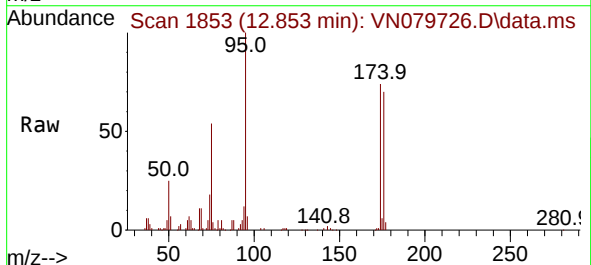
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBL01

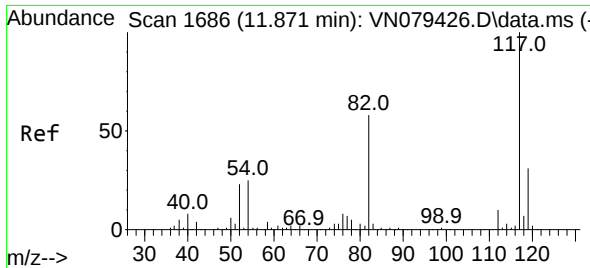
Tgt Ion: 98 Resp: 601766
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.322 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079726.D
Acq: 30 Oct 2023 16:24

Tgt Ion: 95 Resp: 150795
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 72.2 0.0 135.8

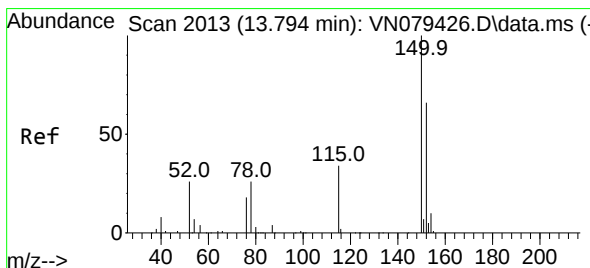
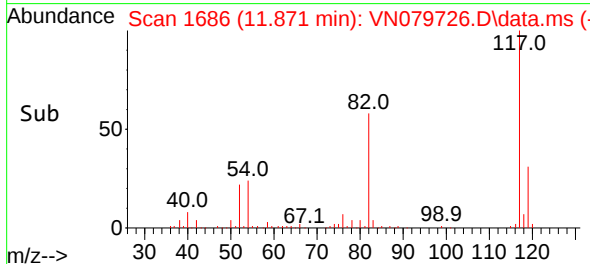
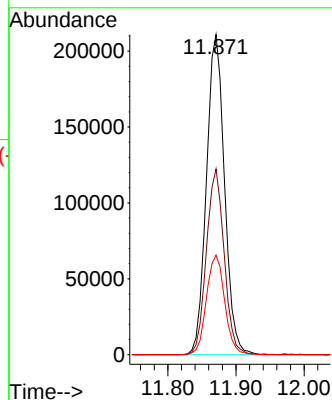
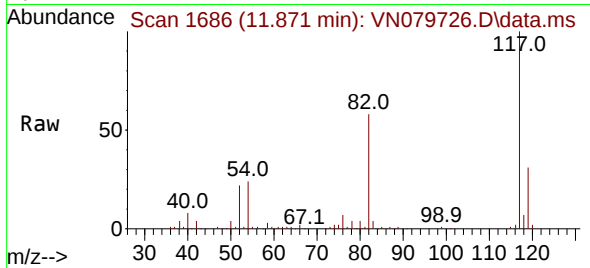




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079726.D
Acq: 30 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBL01

Tgt Ion:117 Resp: 389253
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.1 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: VN079726.D
Acq: 30 Oct 2023 16:24

Tgt Ion:152 Resp: 100696
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 160.3 0.0 355.8

