

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079867.D
 Acq On : 04 Nov 2023 01:03
 Operator : JC\MD
 Sample : VN1103WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBL02

Quant Time: Nov 04 04:45:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	265644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	529706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226578	55.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.960%
35) Dibromofluoromethane	8.171	113	186483	50.403	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.800%
50) Toluene-d8	10.571	98	645769	47.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.853	95	215626	47.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%

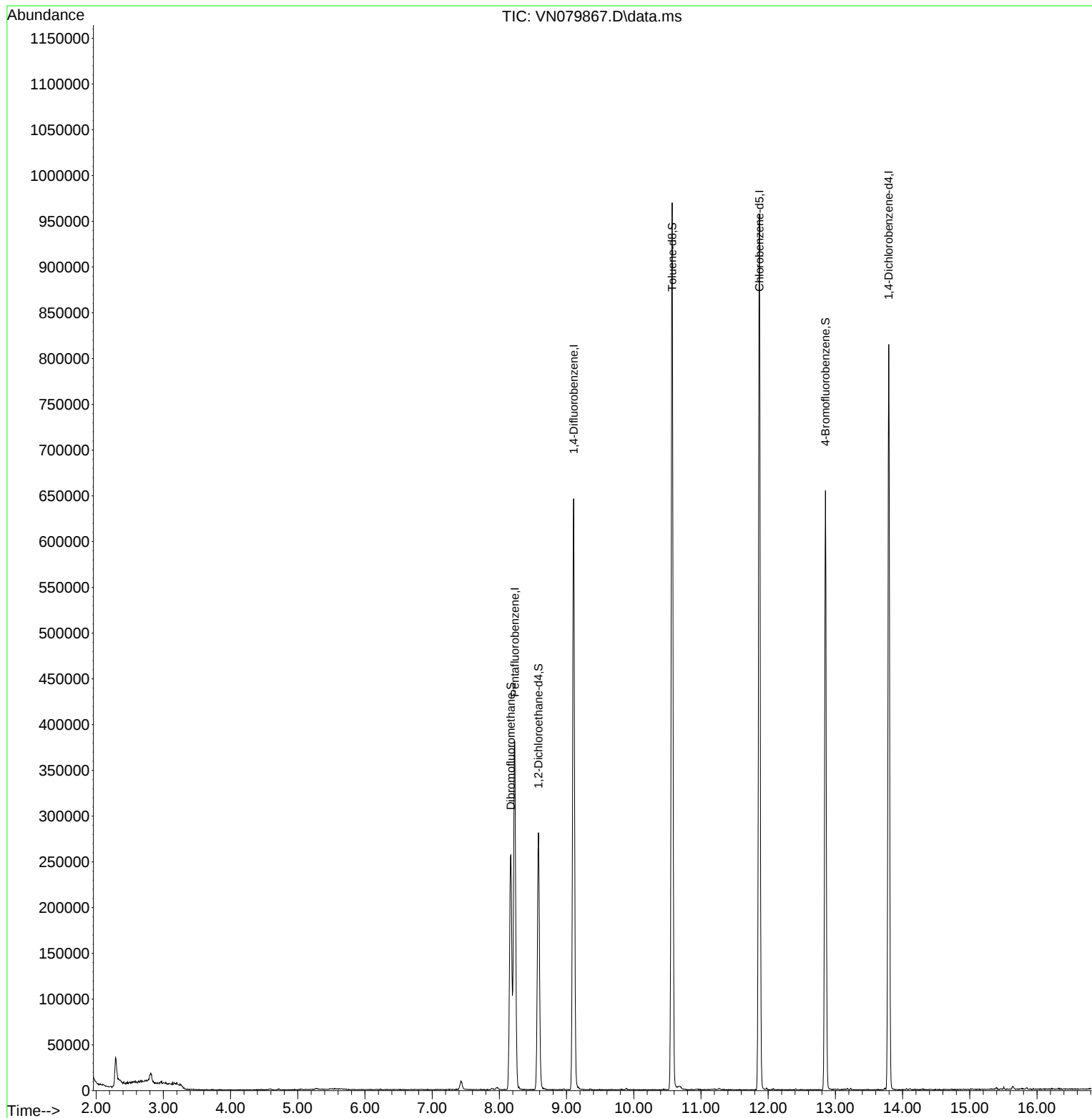
Target Compounds	Qvalue

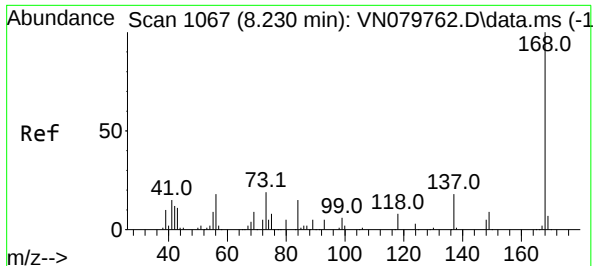
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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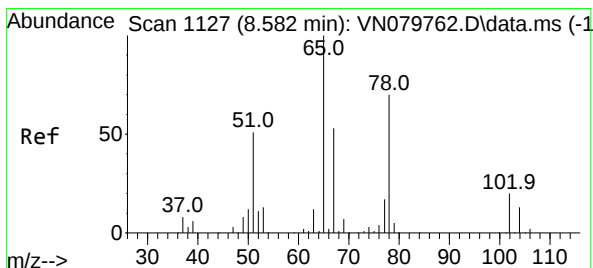
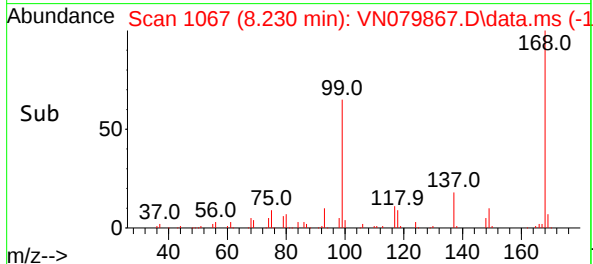
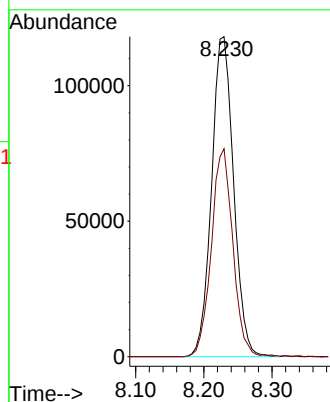
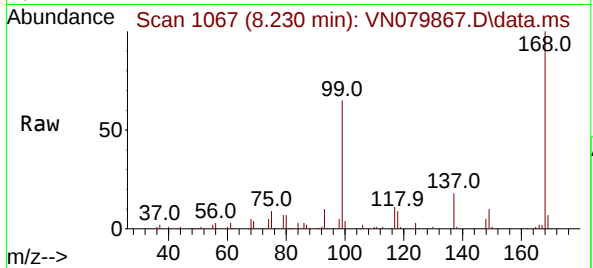




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079867.D
Acq: 04 Nov 2023 01:03

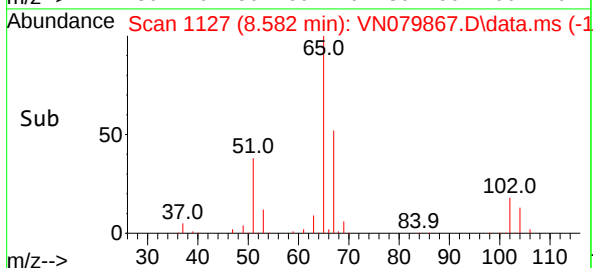
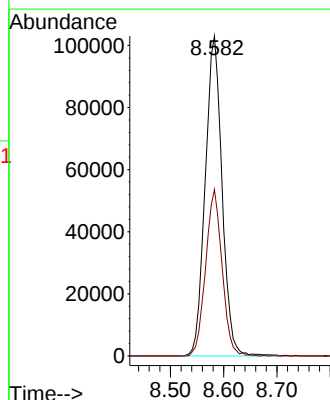
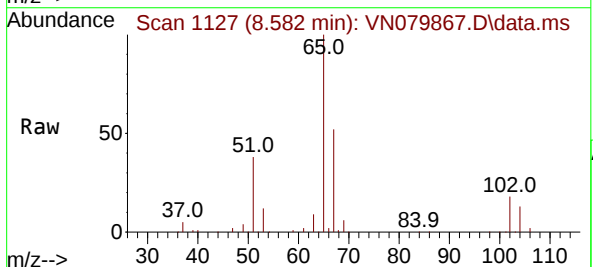
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL02

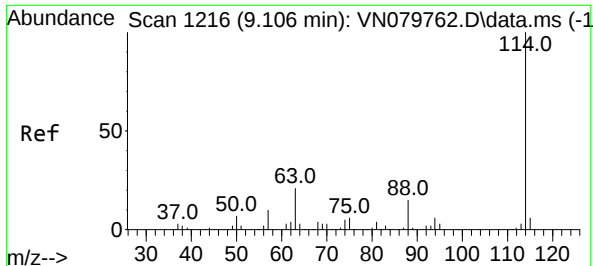
Tgt Ion:168 Resp: 265644
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.984 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079867.D
Acq: 04 Nov 2023 01:03

Tgt Ion: 65 Resp: 226578
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6

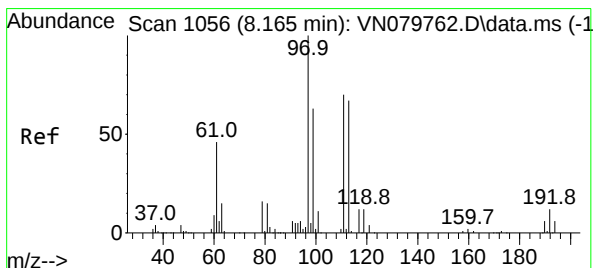
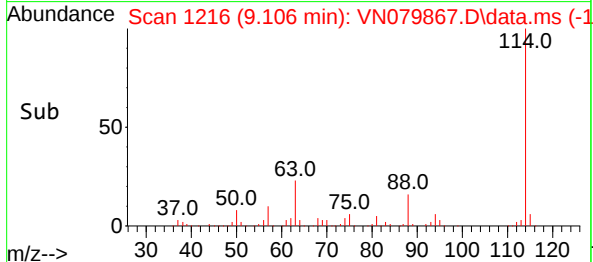
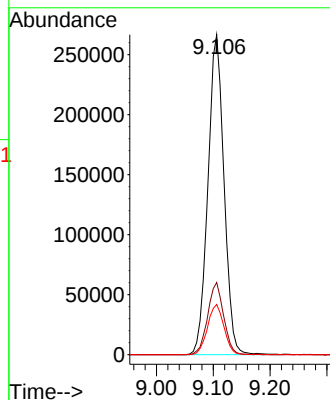
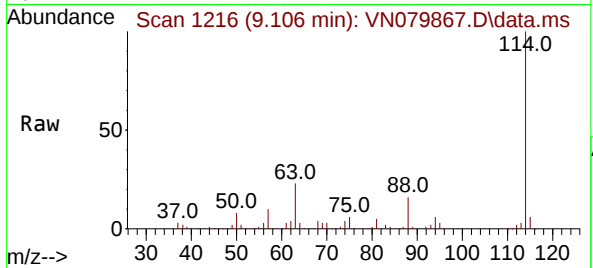




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079867.D
Acq: 04 Nov 2023 01:03

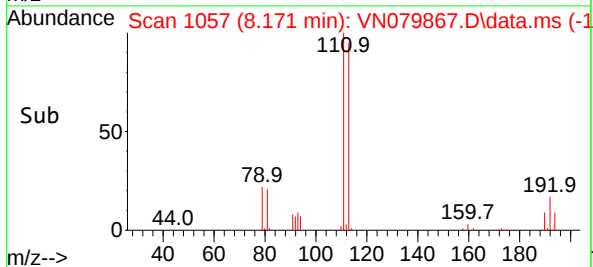
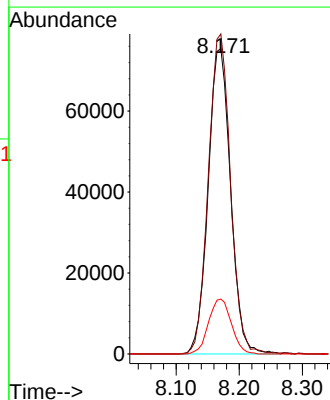
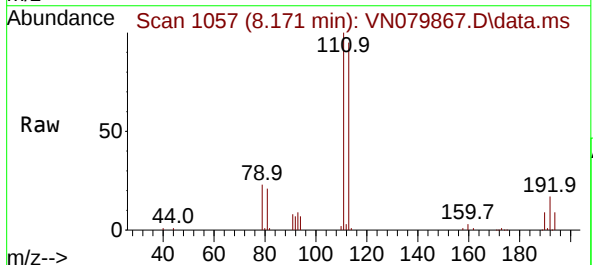
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL02

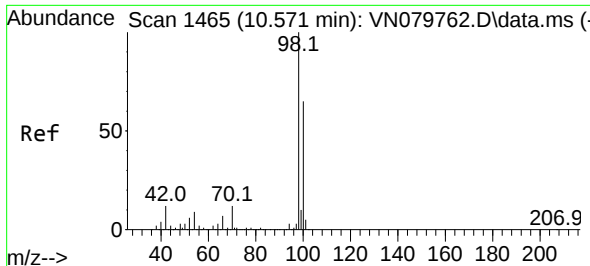
Tgt Ion:114 Resp: 522753
Ion Ratio Lower Upper
114 100
63 22.6 0.0 36.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.403 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079867.D
Acq: 04 Nov 2023 01:03

Tgt Ion:113 Resp: 186483
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 18.2 12.7 19.1

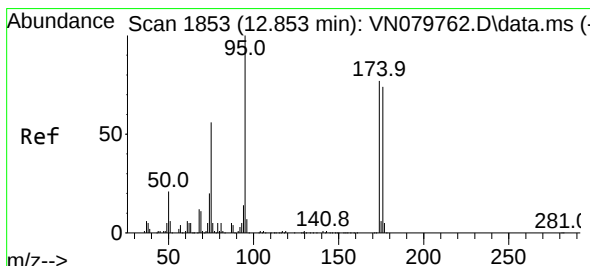
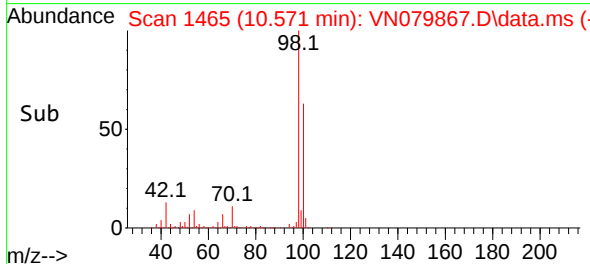
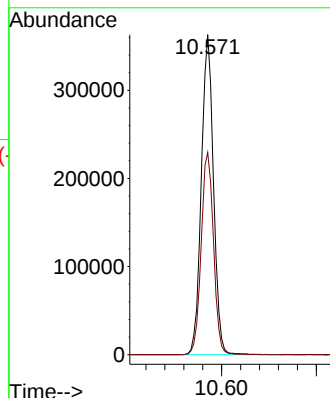
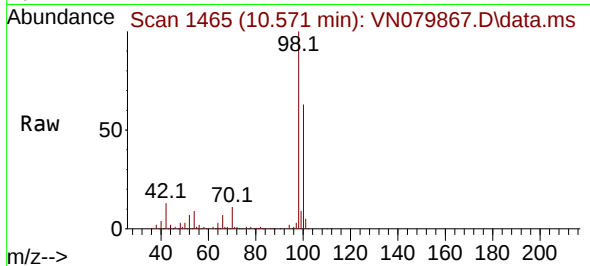




#50
Toluene-d8
Concen: 47.412 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079867.D
Acq: 04 Nov 2023 01:03

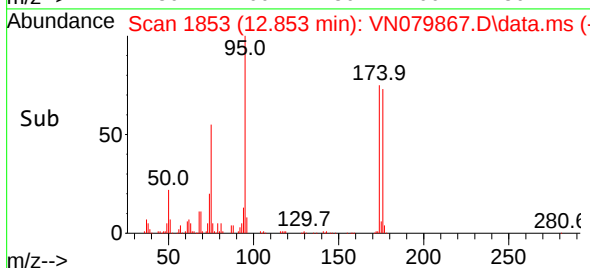
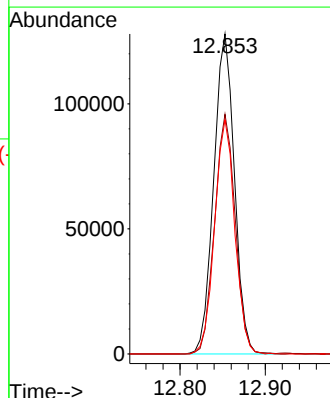
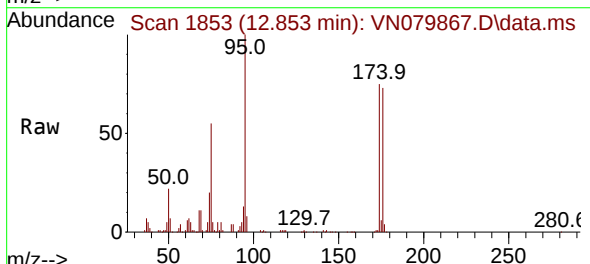
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL02

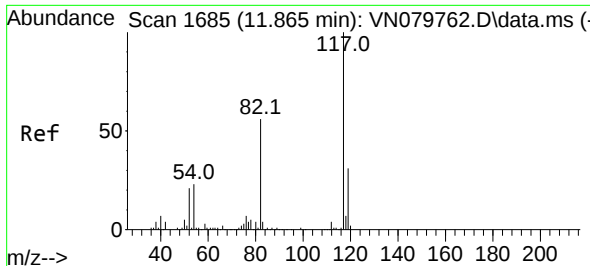
Tgt Ion: 98 Resp: 645769
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.734 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079867.D
Acq: 04 Nov 2023 01:03

Tgt Ion: 95 Resp: 215626
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.6 0.0 135.8

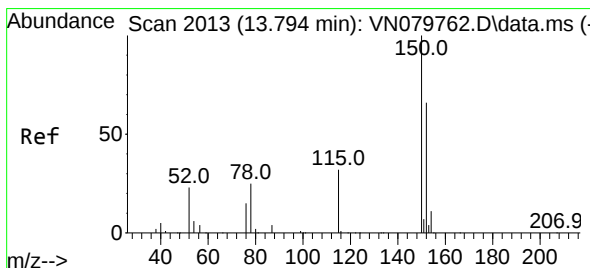
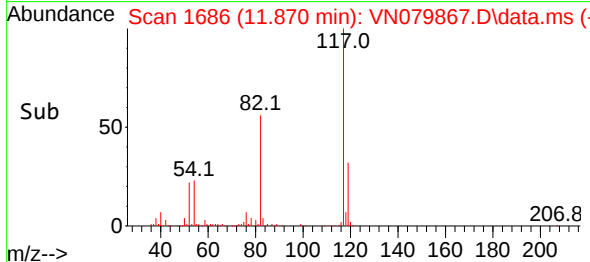
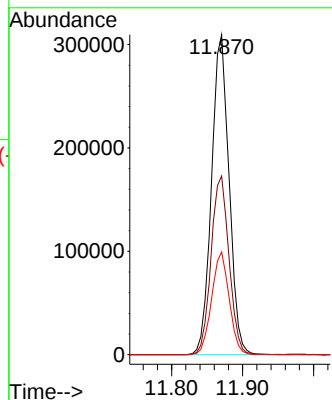
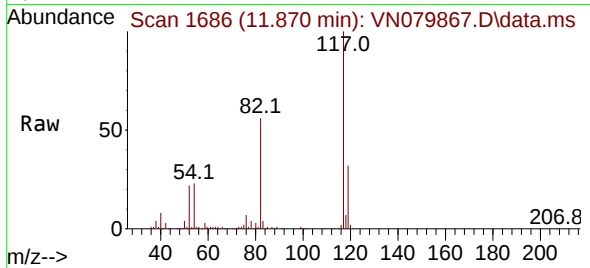




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079867.D
Acq: 04 Nov 2023 01:03

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBL02

Tgt Ion:117 Resp: 529706
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.1 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: VN079867.D
Acq: 04 Nov 2023 01:03

Tgt Ion:152 Resp: 208214
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.1 0.0 355.8

