

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079264.D
 Acq On : 15 Sep 2023 11:31
 Operator : JC\MD
 Sample : VN0915MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBL01

Quant Time: Sep 16 01:36:05 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	8.229	168	185282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	291814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133218	53.263	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.520%
35) Dibromofluoromethane	8.171	113	102797	45.052	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.100%
50) Toluene-d8	10.571	98	358204	42.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.500%#
62) 4-Bromofluorobenzene	12.853	95	92747	34.704	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	69.400%#

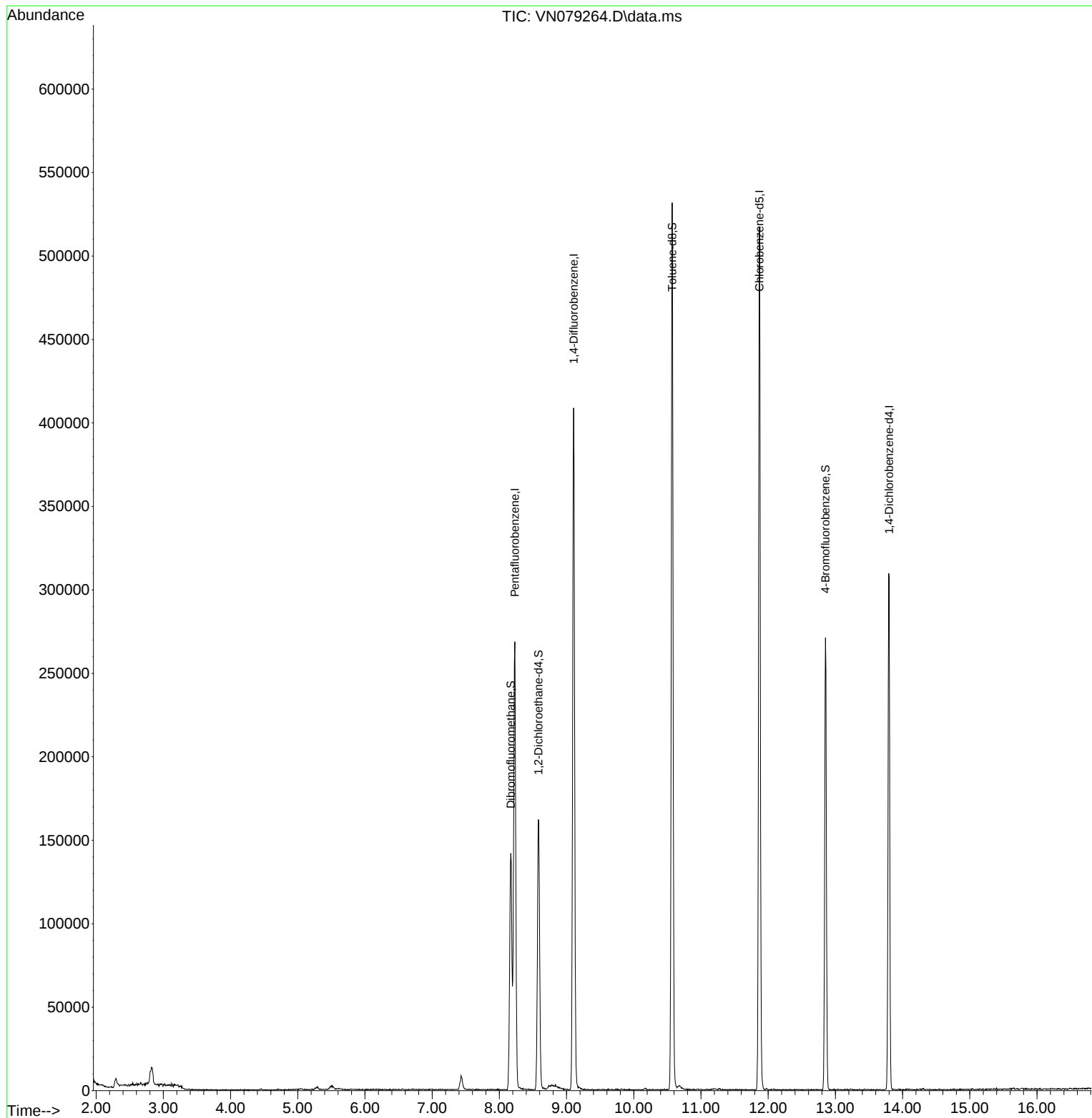
Target Compounds	Qvalue

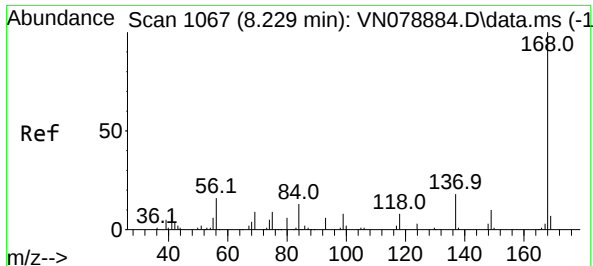
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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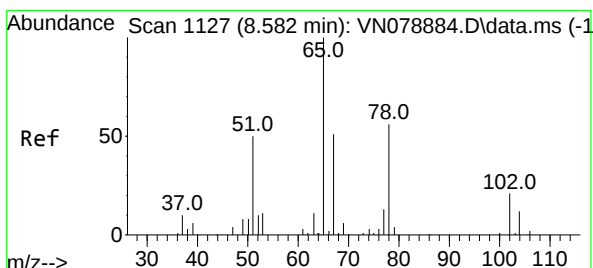
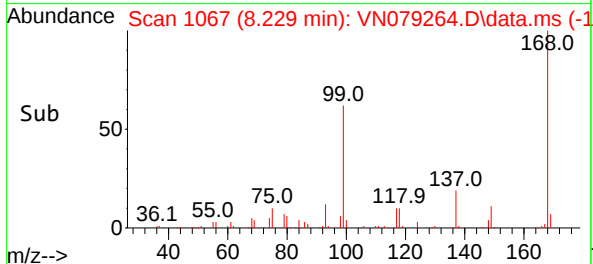
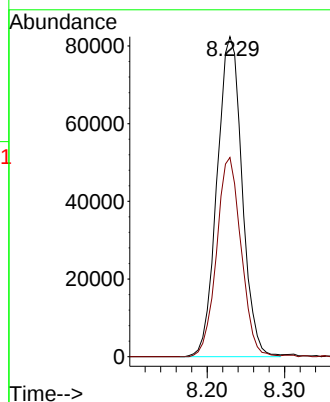
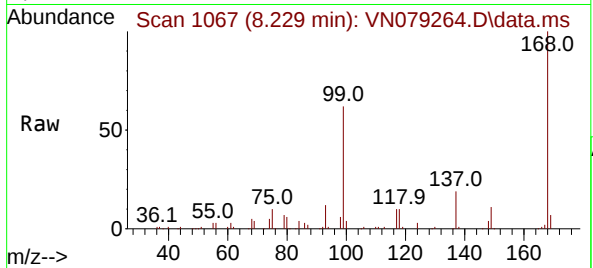




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

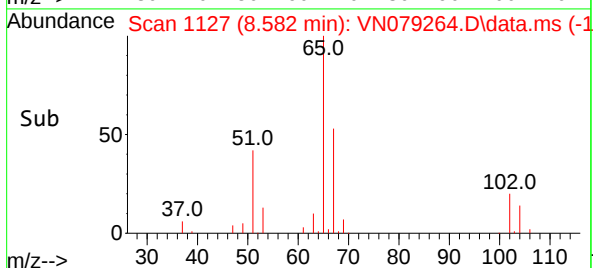
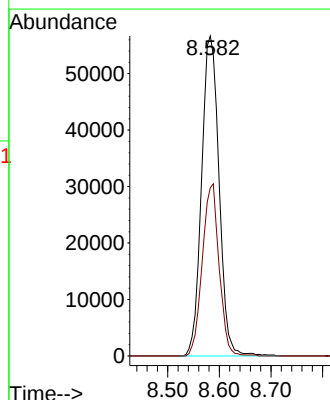
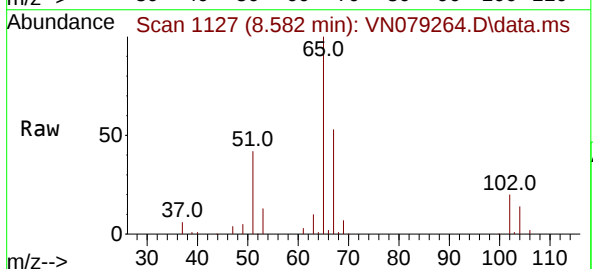
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBL01

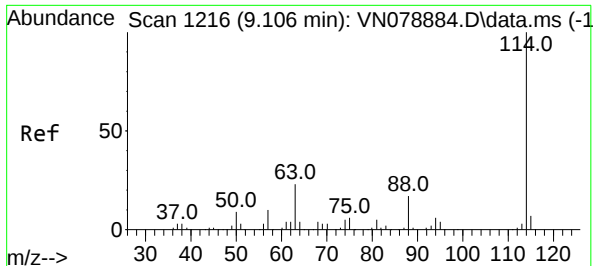
Tgt Ion:168 Resp: 185282
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.263 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion: 65 Resp: 133218
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6

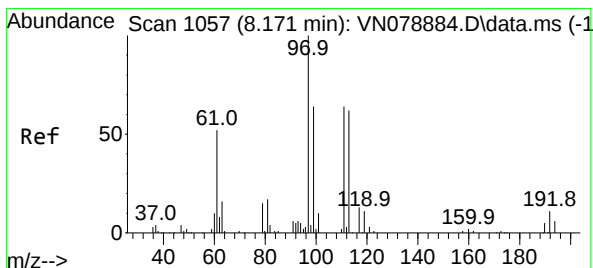
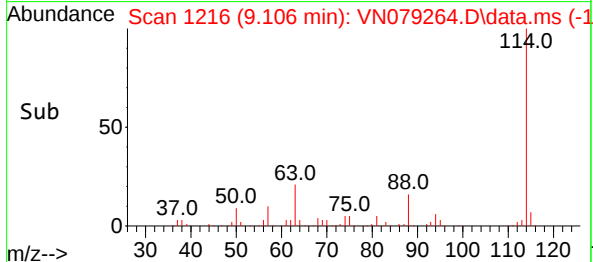
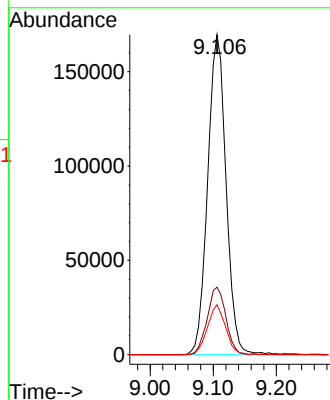
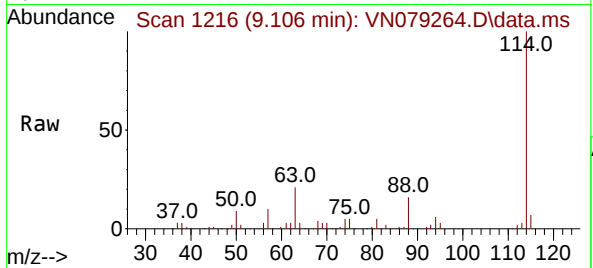




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

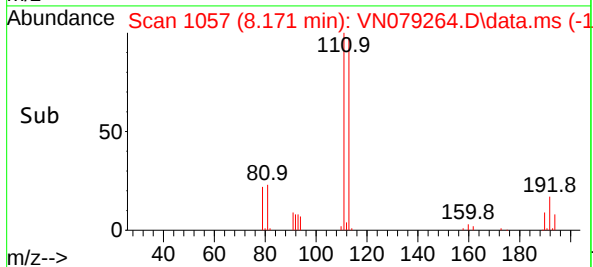
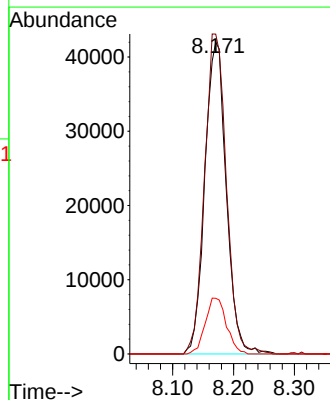
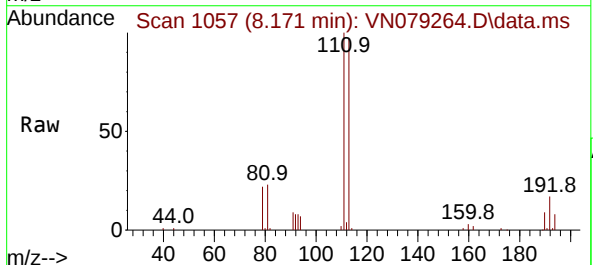
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBL01

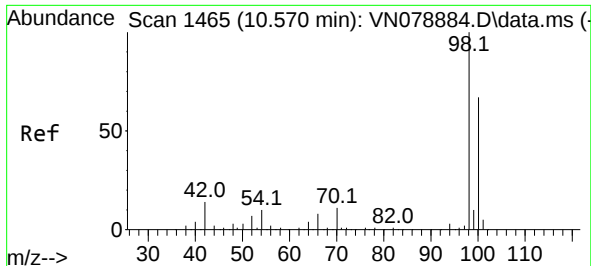
Tgt Ion:114 Resp: 343026
Ion Ratio Lower Upper
114 100
63 21.1 0.0 36.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.052 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion:113 Resp: 102797
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 17.7 12.7 19.1

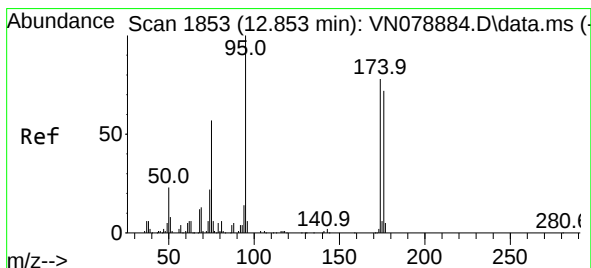
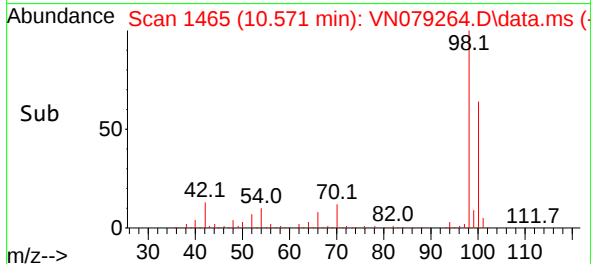
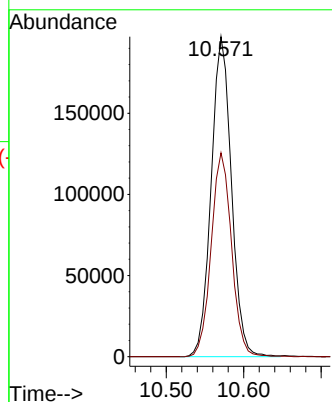
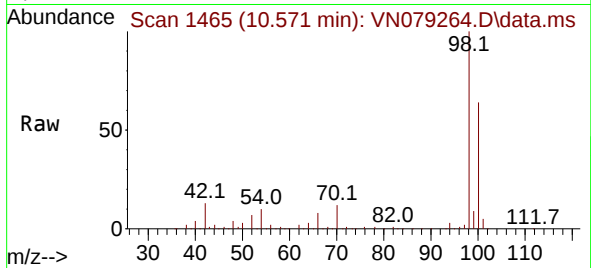




#50
Toluene-d8
Concen: 42.754 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

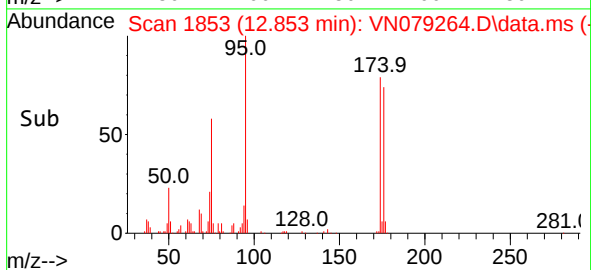
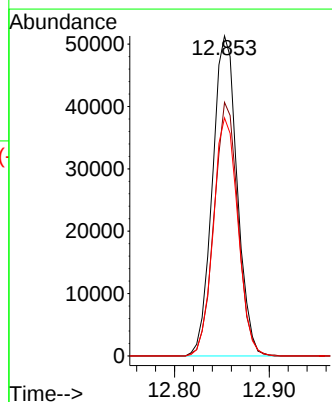
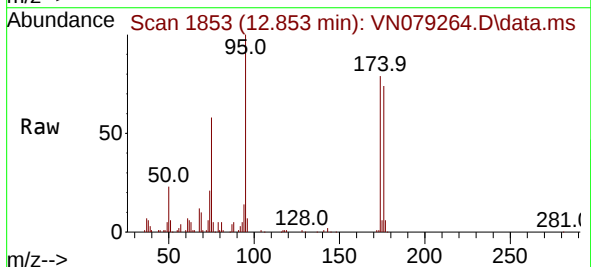
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBL01

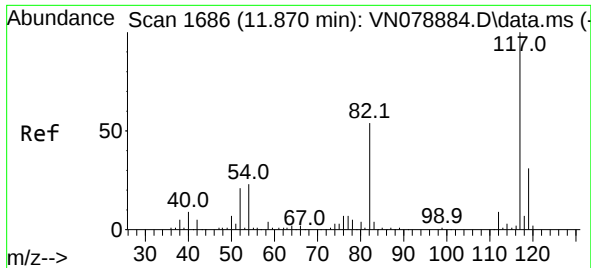
Tgt Ion: 98 Resp: 358204
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.704 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion: 95 Resp: 92747
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 74.3 0.0 135.8

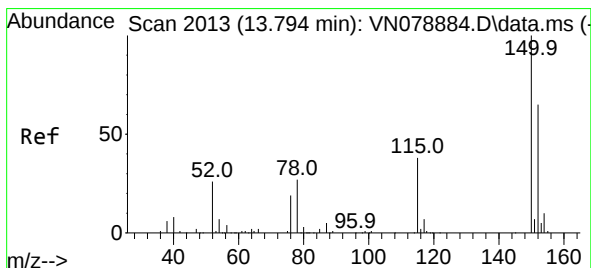
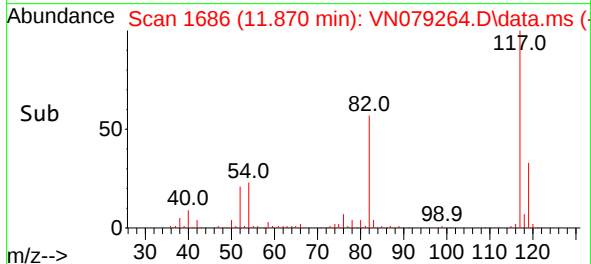
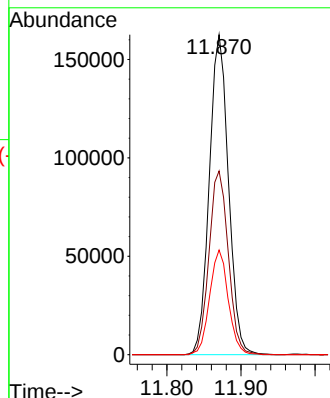
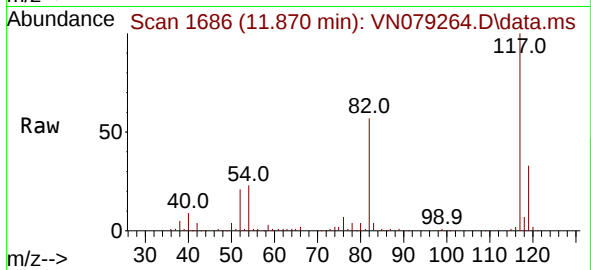




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079264.D
Acq: 15 Sep 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBL01

Tgt Ion:117 Resp: 291814
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.7 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: VN079264.D
Acq: 15 Sep 2023 11:31

Tgt Ion:152 Resp: 82314
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 157.4 0.0 355.8

