

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078064.D
 Acq On : 06 Jun 2023 12:15
 Operator : JC\MD
 Sample : VN0606MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606MBL01

Quant Time: Jun 07 01:20:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	362554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	659334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	171822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	248499	45.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.620%
35) Dibromofluoromethane	8.171	113	215004	50.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	10.571	98	799874	48.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.853	95	225920	38.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.300%#

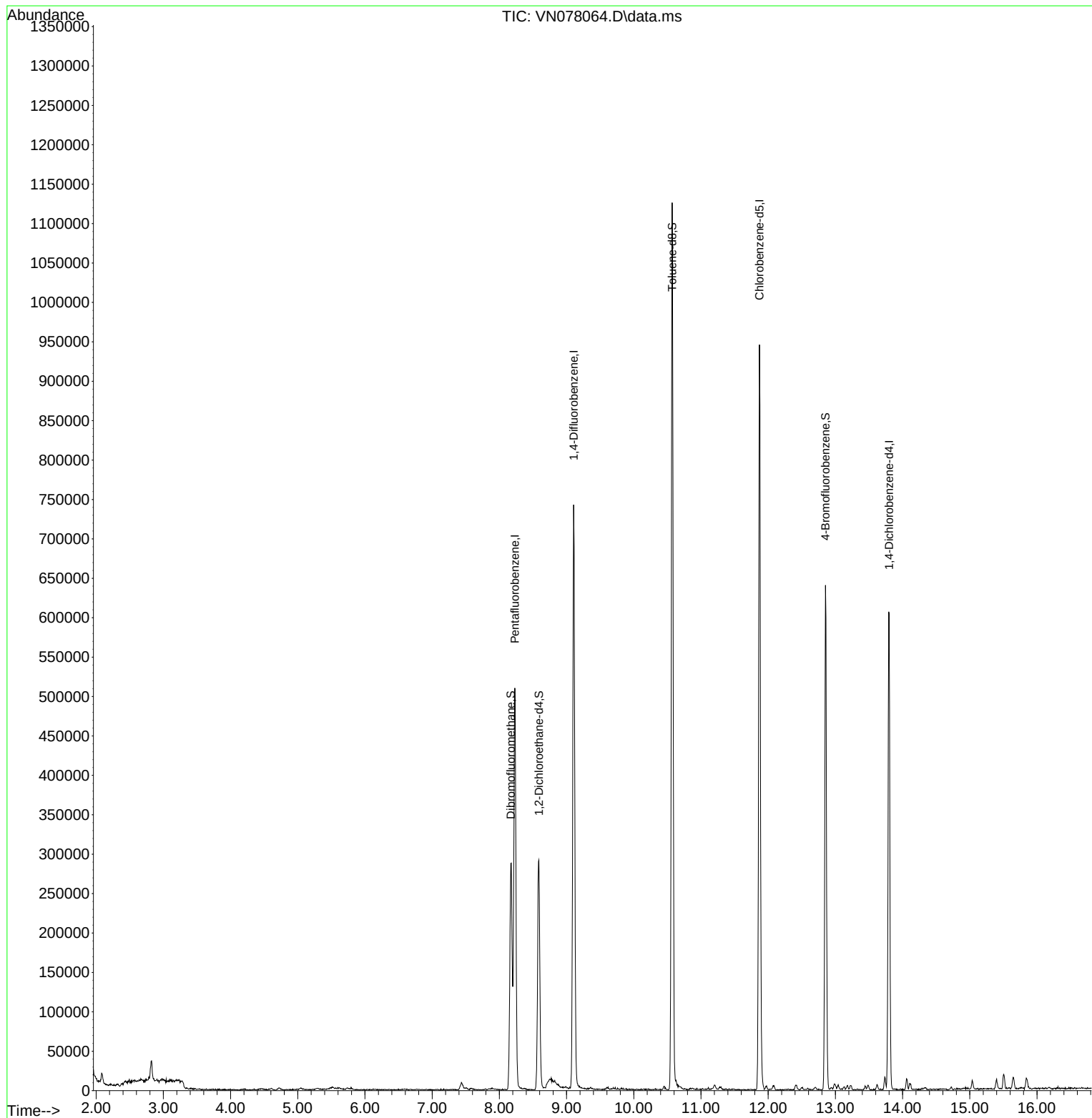
Target Compounds	Qvalue

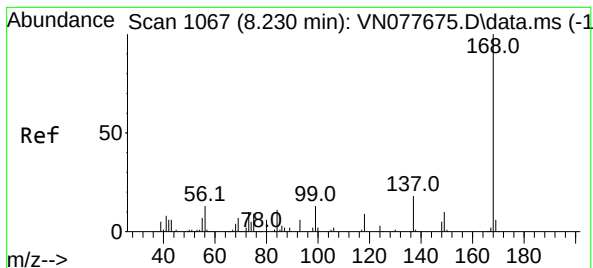
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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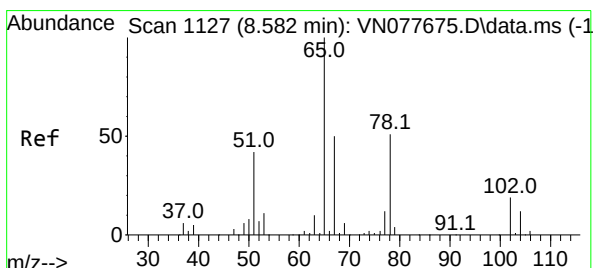
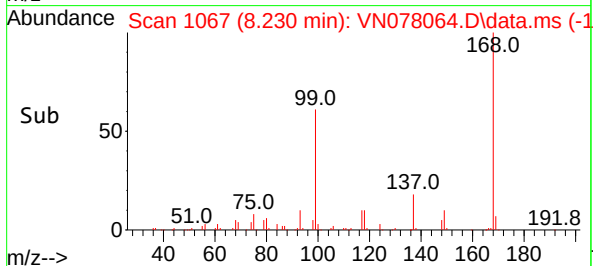
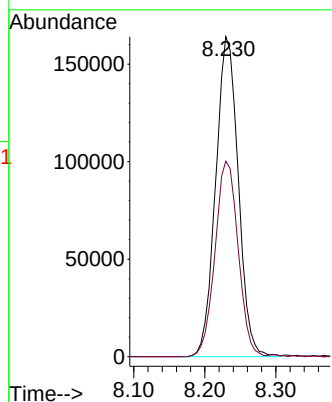
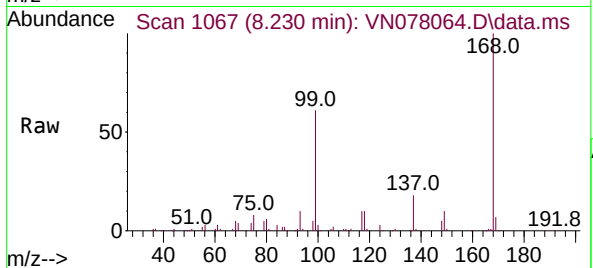




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

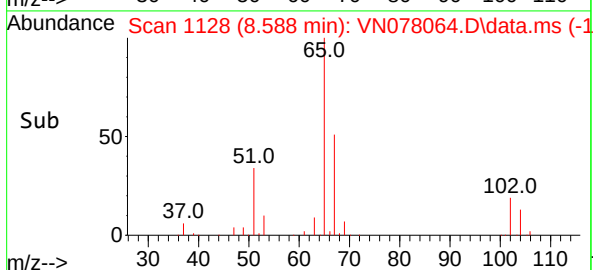
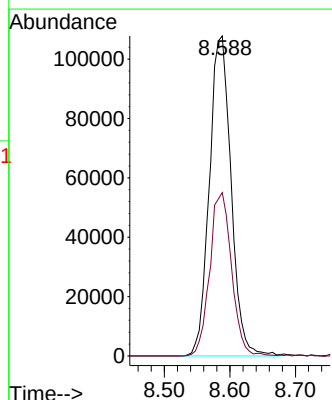
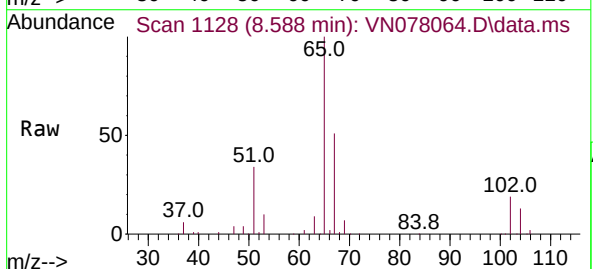
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

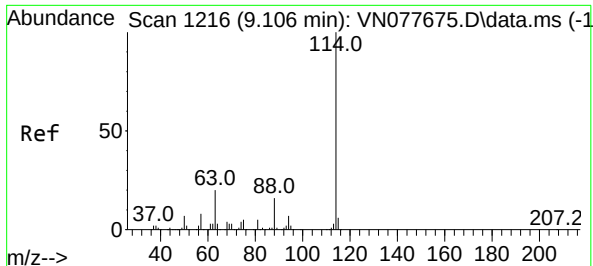
Tgt Ion:168 Resp: 362554
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.808 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 65 Resp: 248499
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6

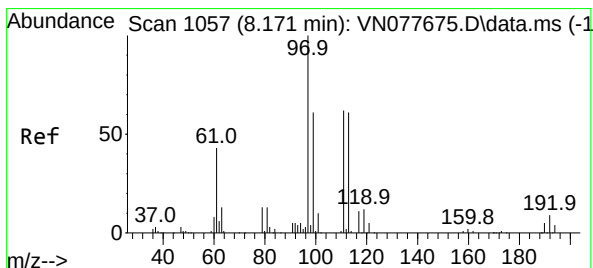
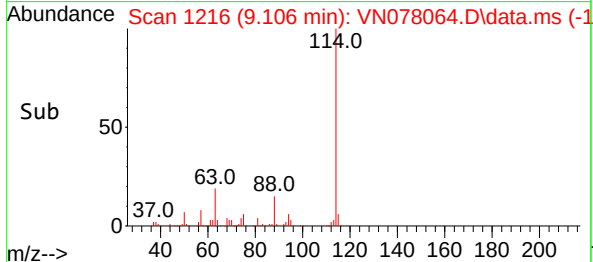
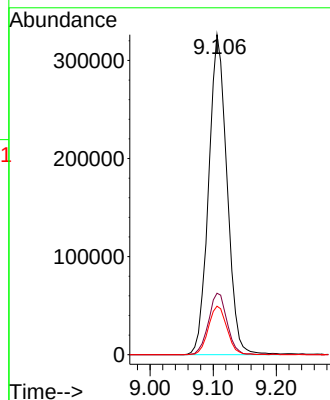
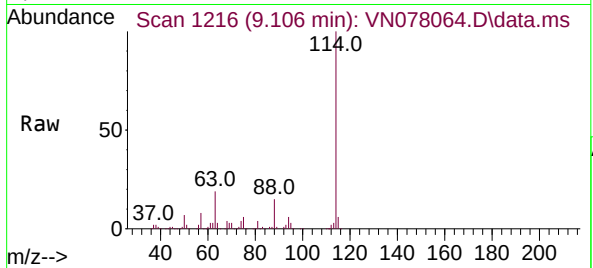




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

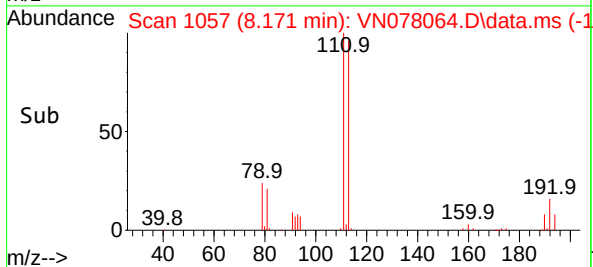
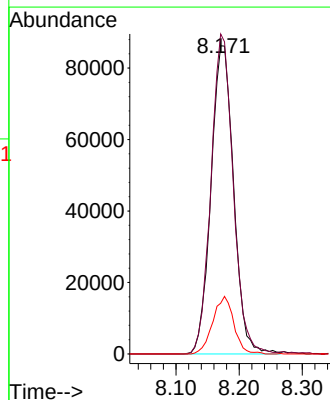
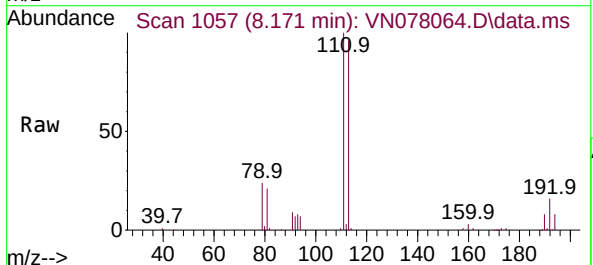
Instrument :
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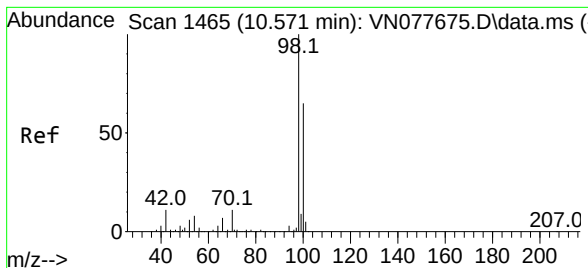
Tgt Ion:114 Resp: 659334
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.007 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion:113 Resp: 215004
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 17.4 12.7 19.1

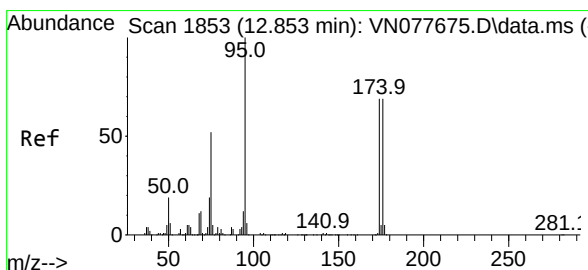
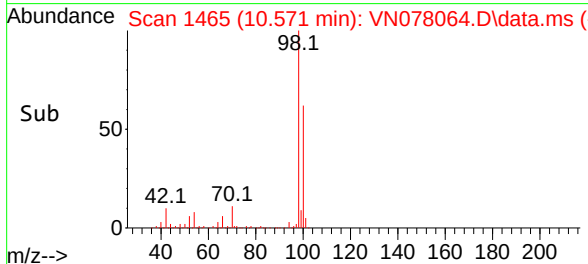
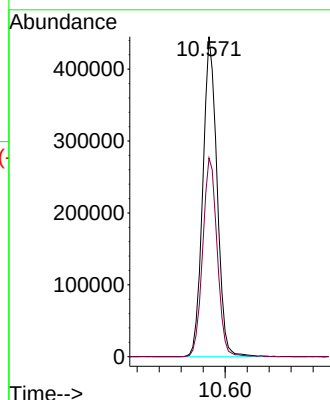
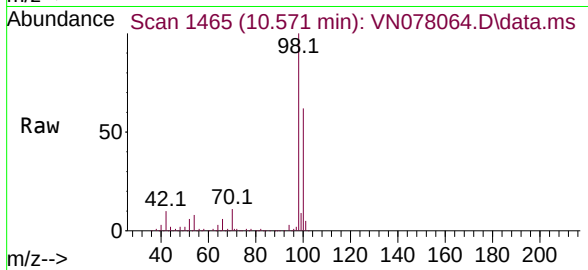




#50
Toluene-d8
Concen: 48.334 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

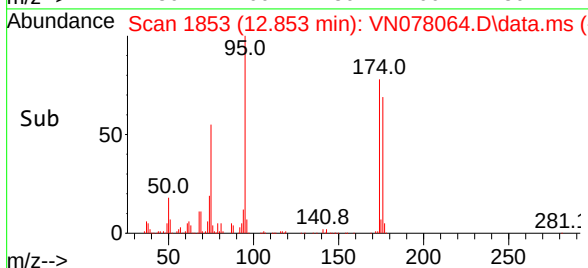
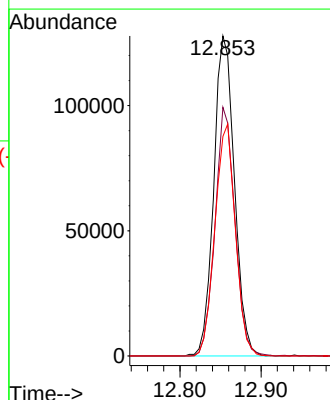
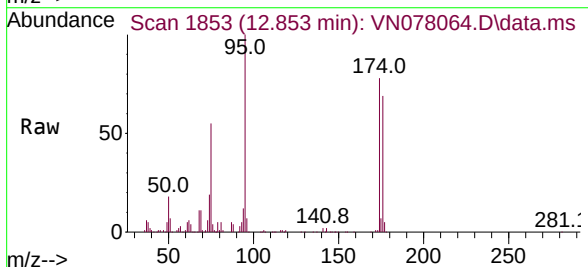
Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

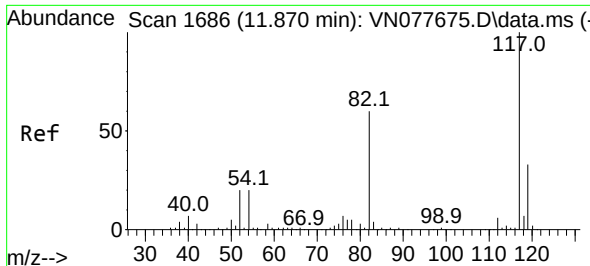
Tgt Ion: 98 Resp: 799874
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.654 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion: 95 Resp: 225920
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 71.9 0.0 135.8

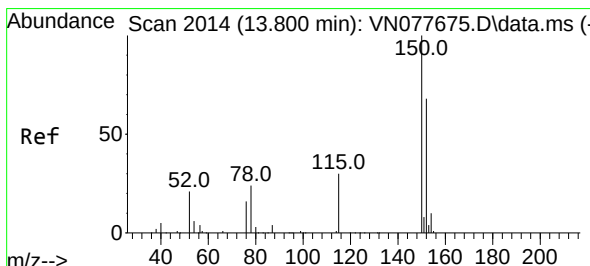
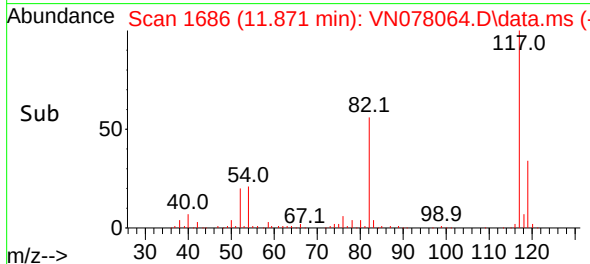
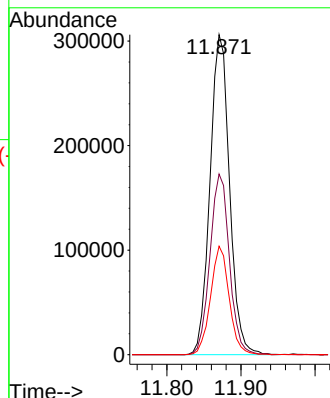
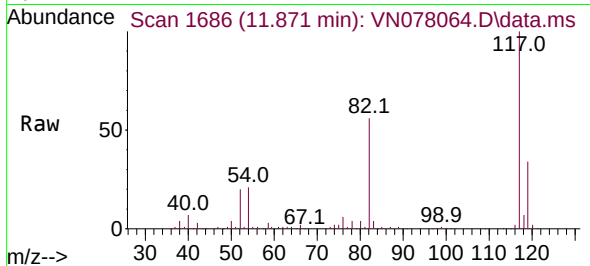




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0606MBL01

Tgt Ion:117 Resp: 559852
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 33.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078064.D
Acq: 06 Jun 2023 12:15

Tgt Ion:152 Resp: 171822
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 157.4 0.0 355.8

