

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077887.D
 Acq On : 25 May 2023 07:23
 Operator : JC\MD
 Sample : 02852-15 10X
 Misc : 6.68g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-69.5-051823

Quant Time: May 25 08:34:36 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	405010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	748865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	675851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	226390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279537	46.128	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.260%
35) Dibromofluoromethane	8.171	113	235269	48.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	10.571	98	931511	49.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.859	95	291543	43.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.840%

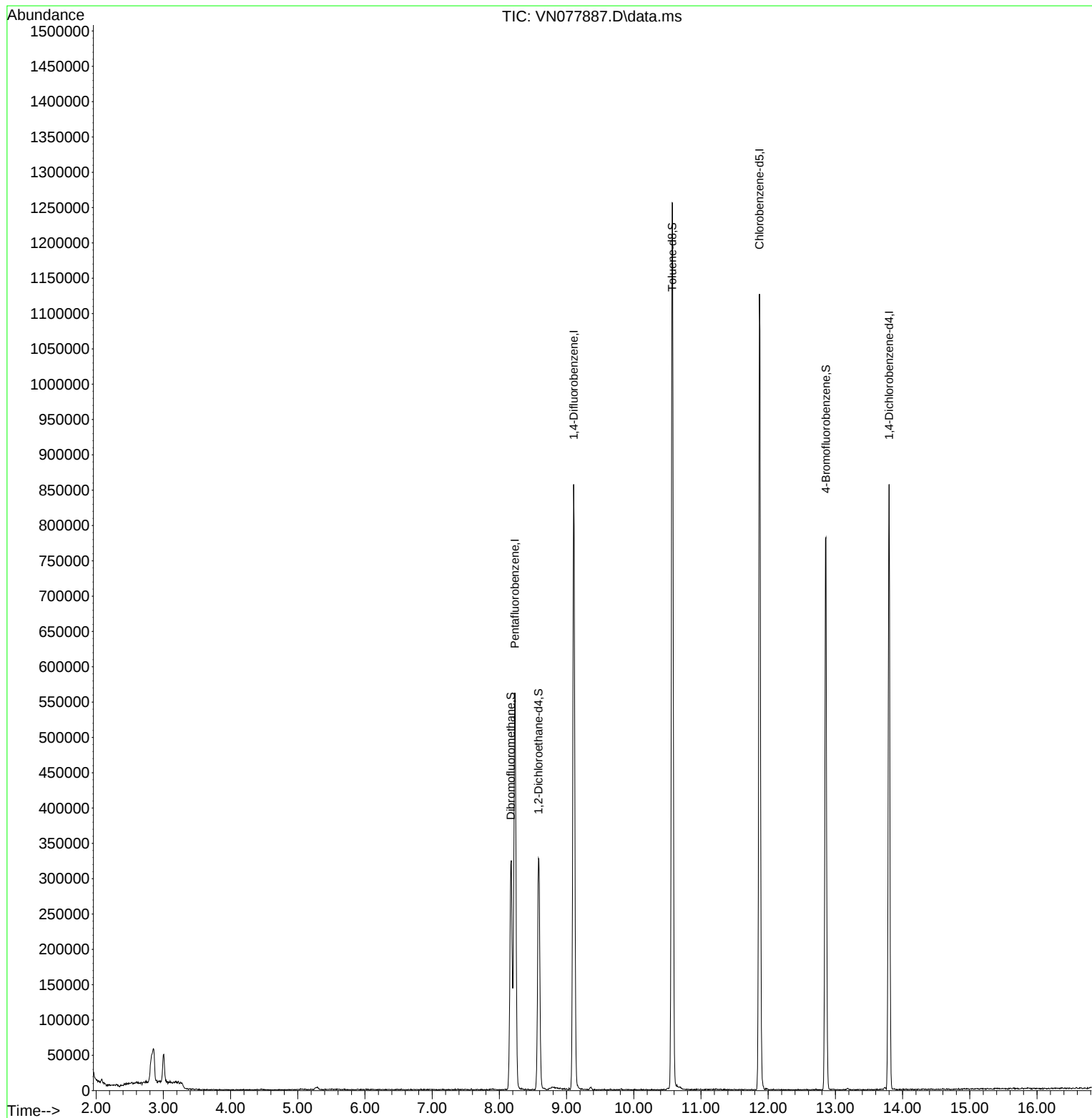
Target Compounds	Qvalue

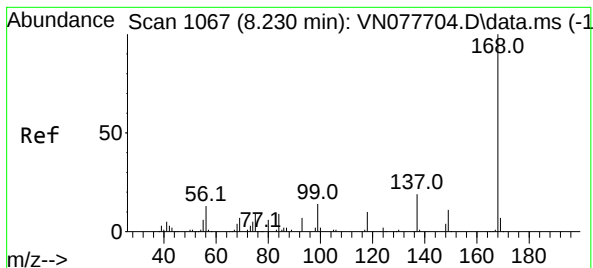
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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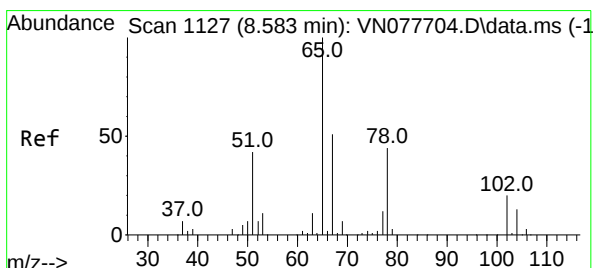
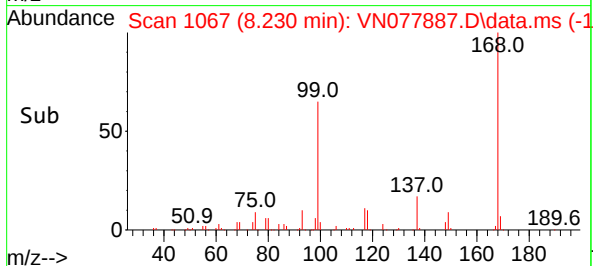
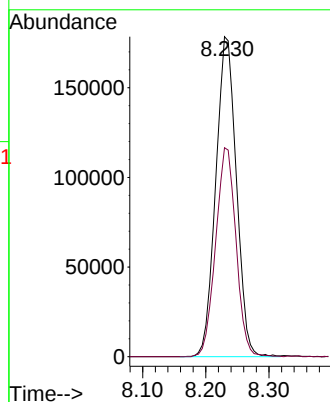
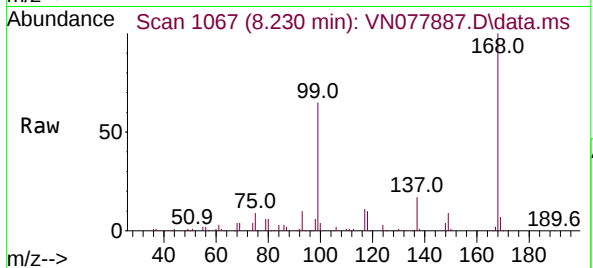




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

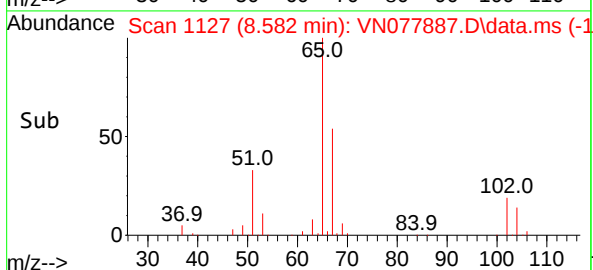
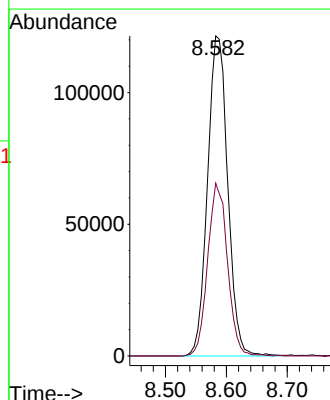
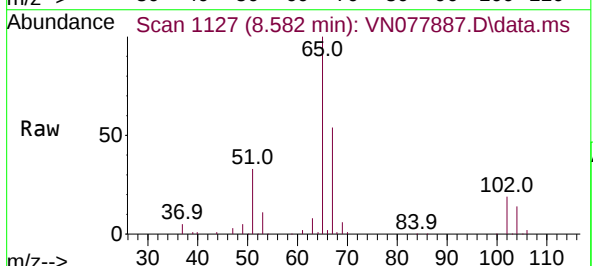
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823

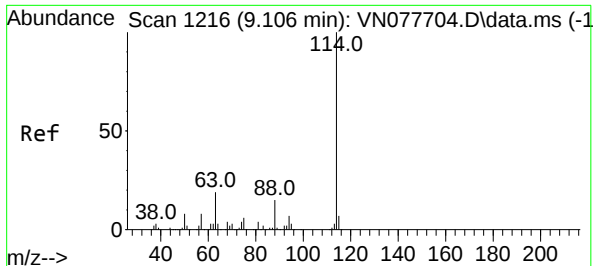
Tgt Ion:168 Resp: 405010
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.128 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 65 Resp: 279537
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.6

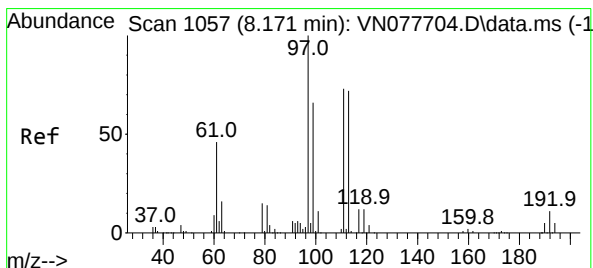
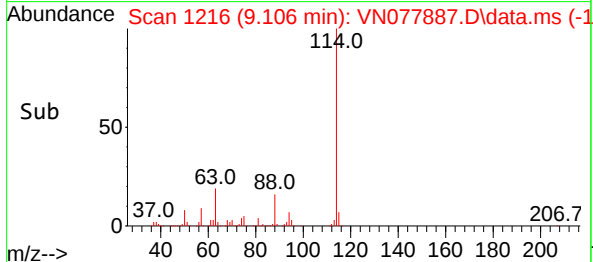
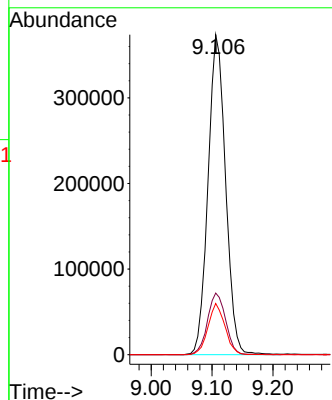
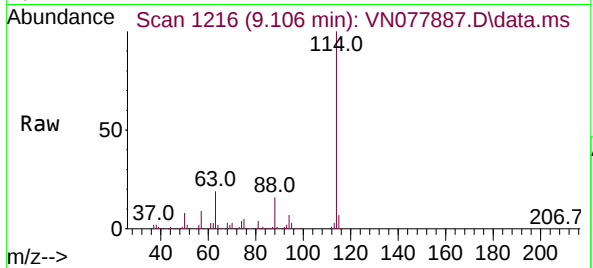




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

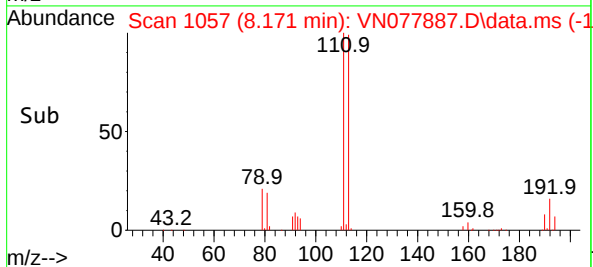
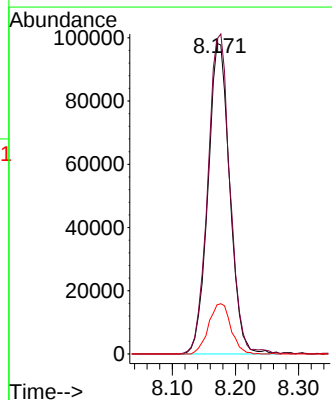
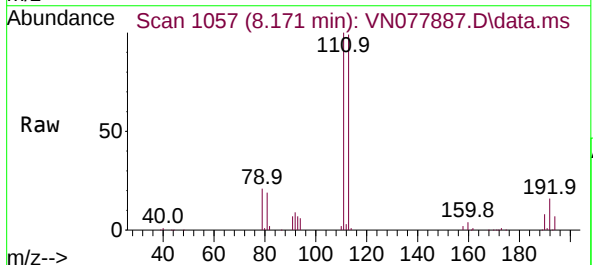
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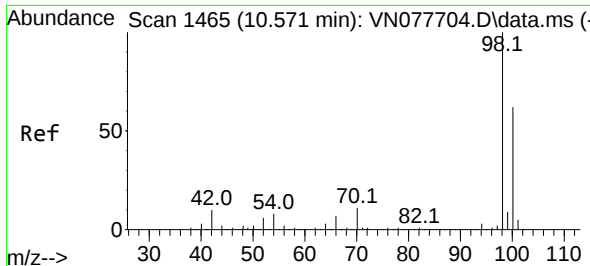
Tgt Ion:114 Resp: 748865
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.179 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion:113 Resp: 235269
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 16.5 12.7 19.1

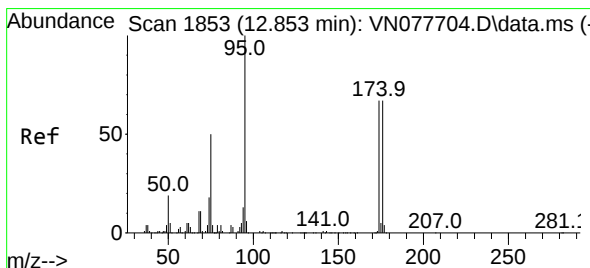
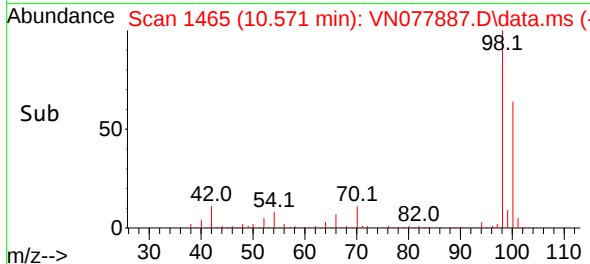
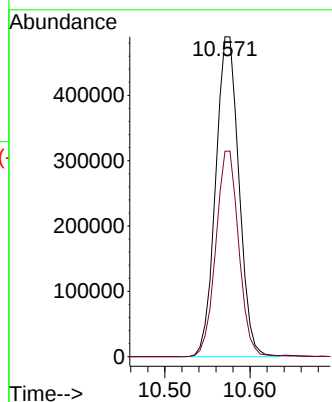
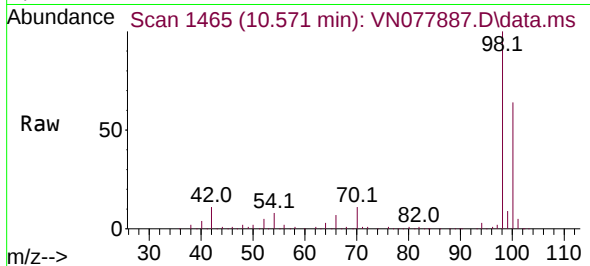




#50
Toluene-d8
Concen: 49.559 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

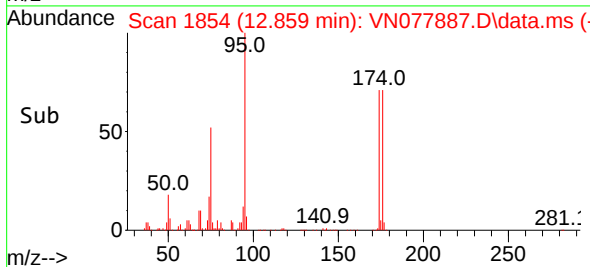
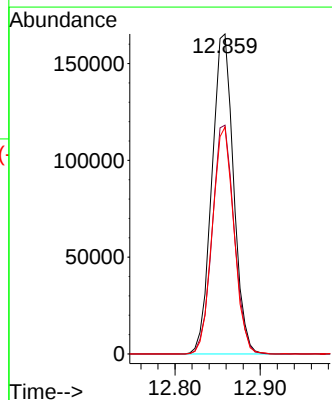
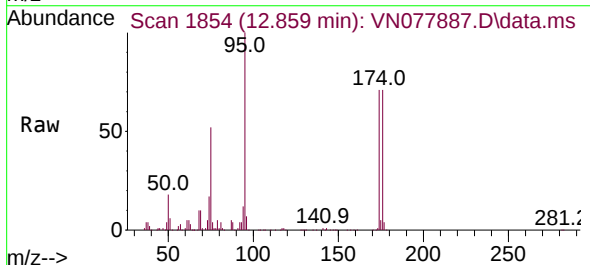
Instrument :
MSVOA_N
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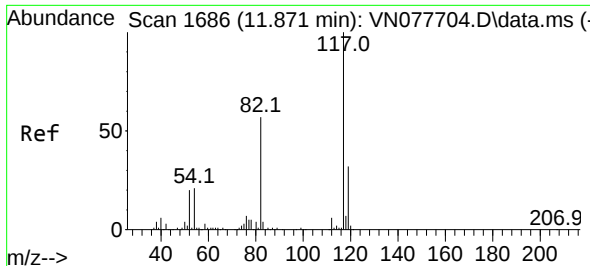
Tgt Ion: 98 Resp: 931511
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.918 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion: 95 Resp: 291543
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.5 0.0 135.8

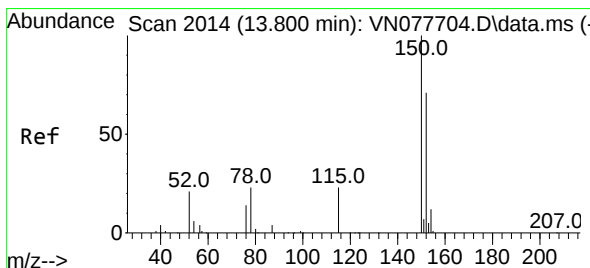
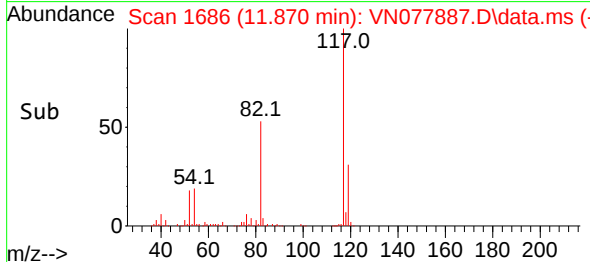
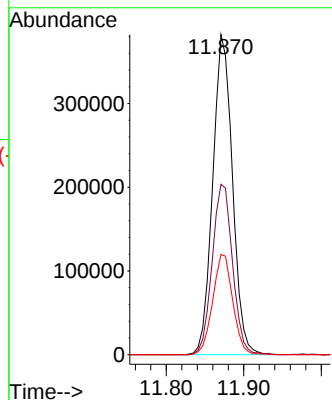
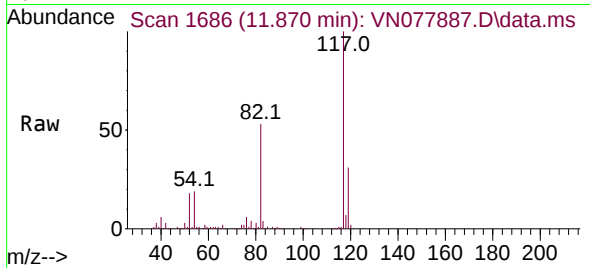




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN077887.D
Acq: 25 May 2023 07:23

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823

Tgt Ion:117 Resp: 675851
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.3 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: VN077887.D
Acq: 25 May 2023 07:23

Tgt Ion:152 Resp: 226390
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 158.5 0.0 355.8

