

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077885.D
 Acq On : 25 May 2023 06:35
 Operator : JC\MD
 Sample : 02852-13 10X
 Misc : 6.01g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-62.5-051823

Quant Time: May 25 08:34:11 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	8.229	168	409205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	753173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	652635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	278058	45.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.820%
35) Dibromofluoromethane	8.171	113	232299	47.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	10.570	98	923986	48.877	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.853	95	282065	42.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.500%

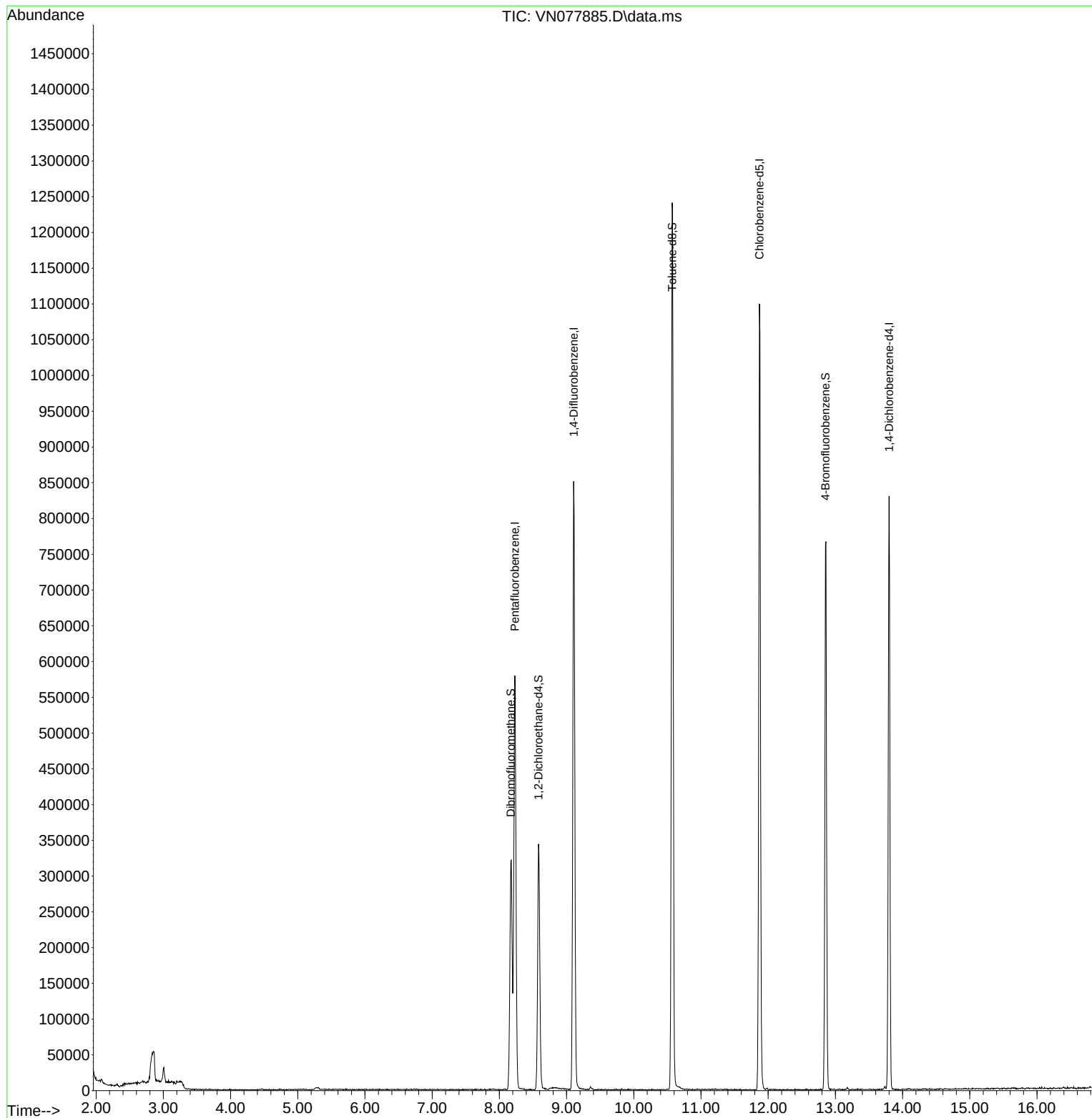
Target Compounds	Qvalue

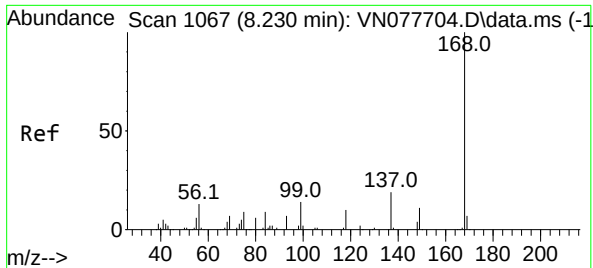
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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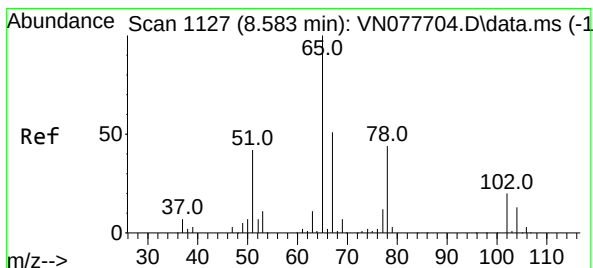
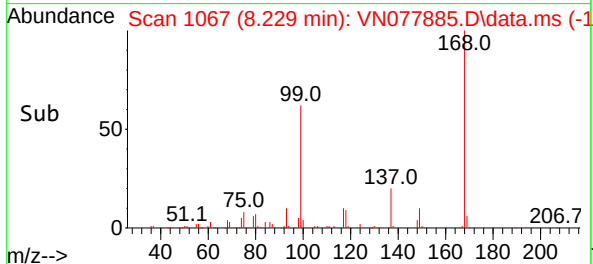
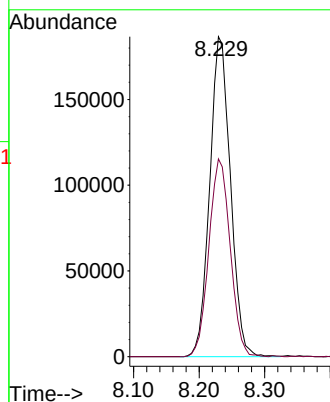
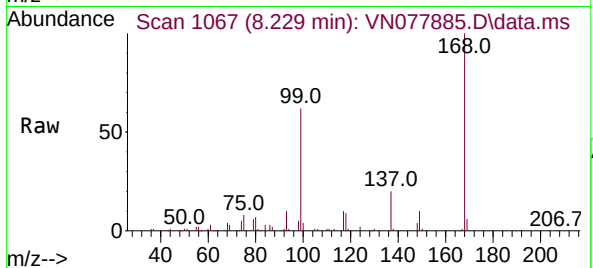




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

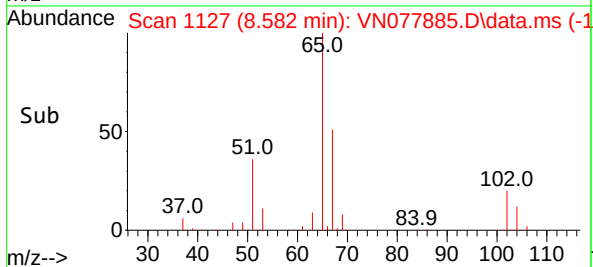
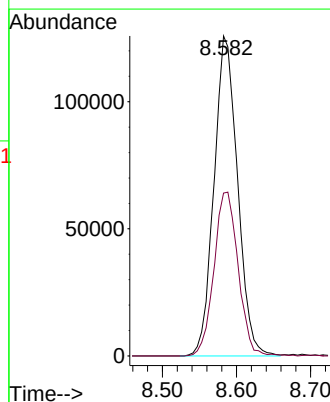
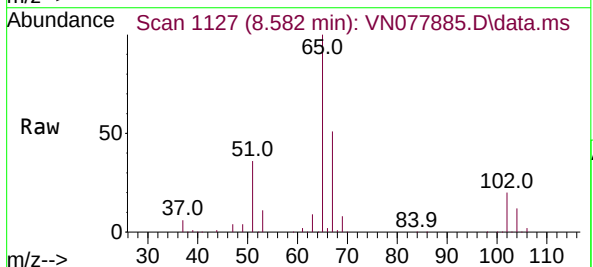
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

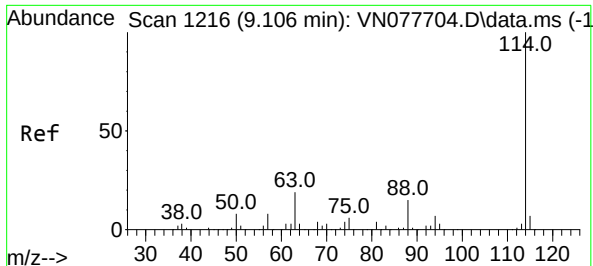
Tgt Ion:168 Resp: 409205
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.414 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion: 65 Resp: 278058
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

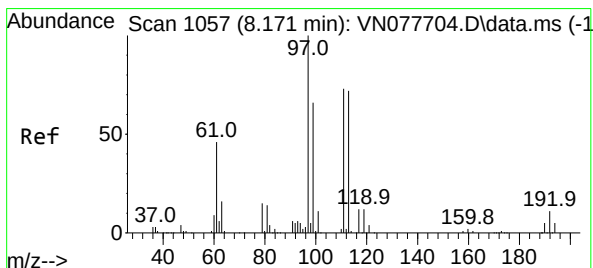
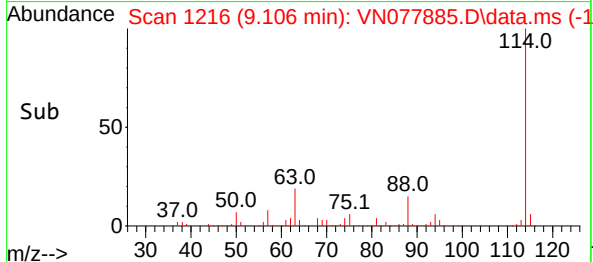
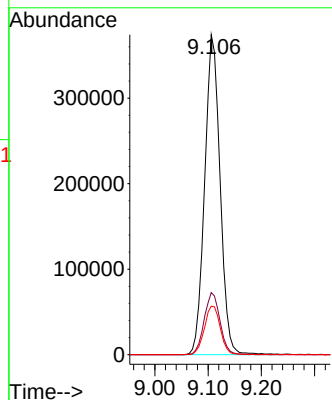
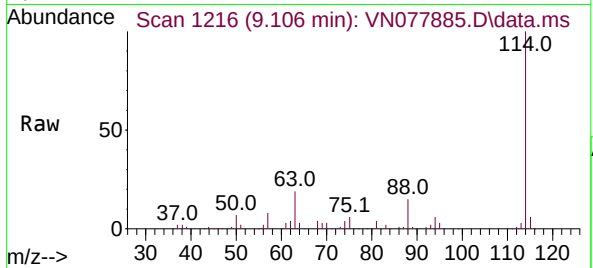




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

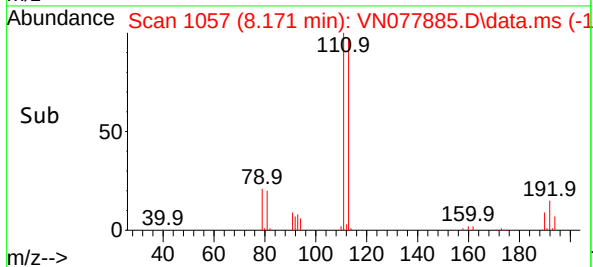
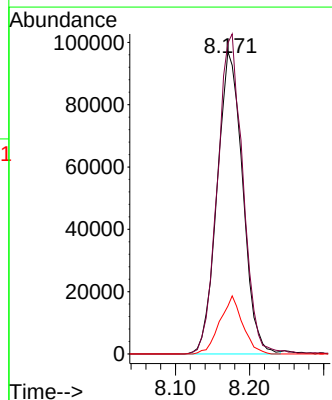
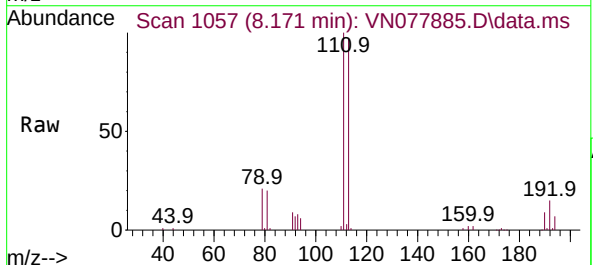
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-62.5-051823

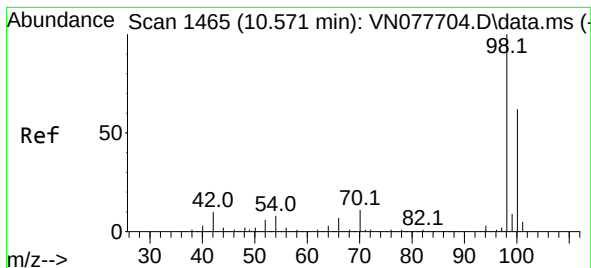
Tgt Ion:114 Resp: 753173
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.298 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion:113 Resp: 232299
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 17.2 12.7 19.1





#50

Toluene-d8

Concen: 48.877 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN077885.D

Acq: 25 May 2023 06:35

Instrument :

MSVOA_N

ClientSampleId :

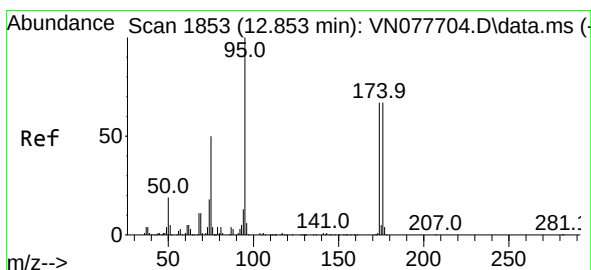
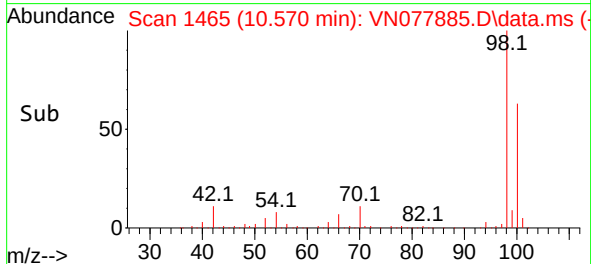
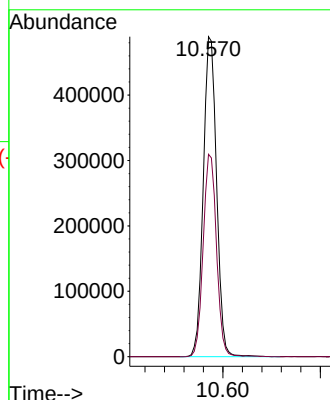
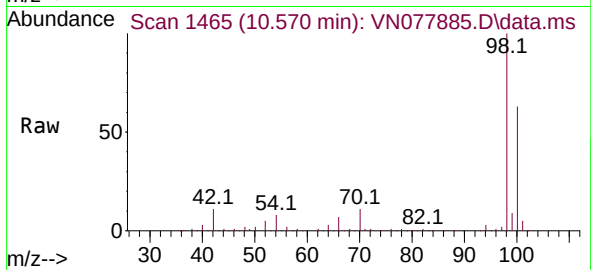
CB-32-G3-SO-62.5-051823

Tgt Ion: 98 Resp: 923986

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.247 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN077885.D

Acq: 25 May 2023 06:35

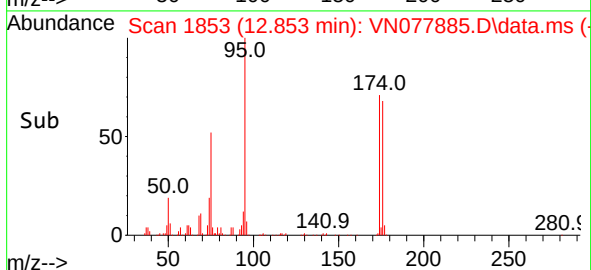
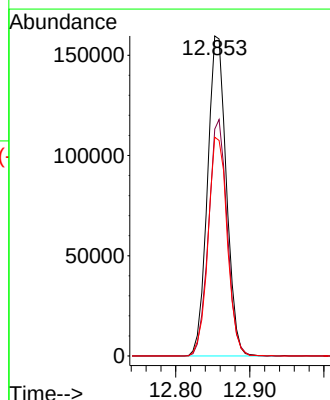
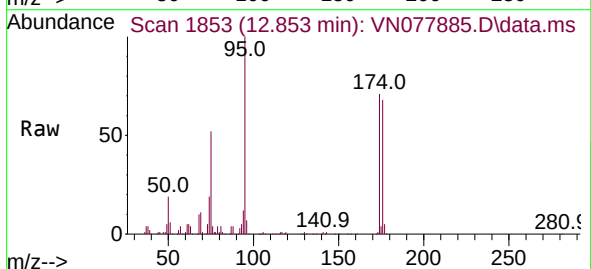
Tgt Ion: 95 Resp: 282065

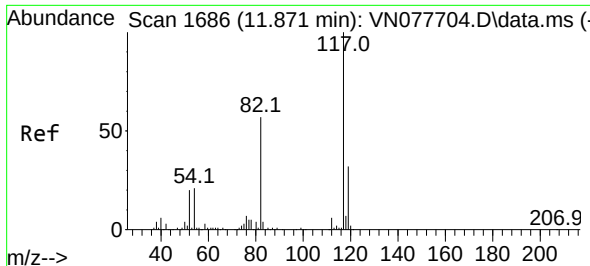
Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.8

176 69.5 0.0 135.8

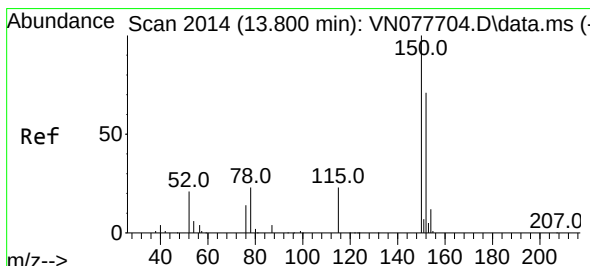
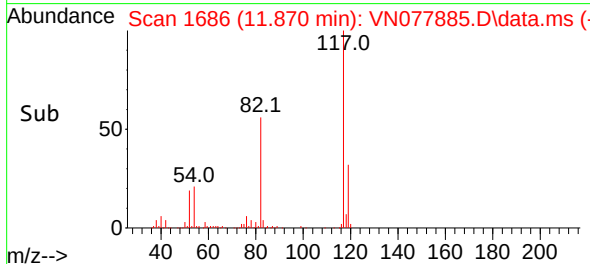
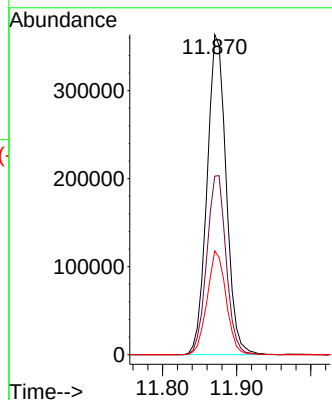
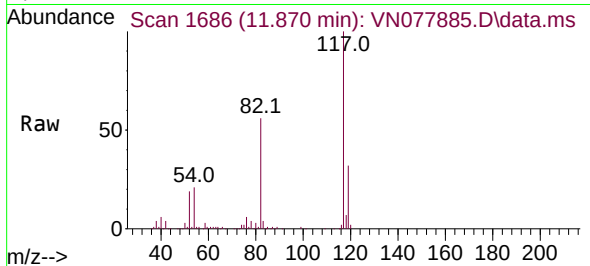




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077885.D
Acq: 25 May 2023 06:35

Instrument :
MSVOA_N
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CB-32-G3-SO-62.5-051823

Tgt Ion:117 Resp: 652635
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.4 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: VN077885.D
Acq: 25 May 2023 06:35

Tgt Ion:152 Resp: 222882
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 155.5 0.0 355.8

