

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077042.D
 Acq On : 17 Mar 2023 18:58
 Operator : JC\MD
 Sample : 01941-11 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20230314

Quant Time: Mar 18 02:33:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	457168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	842893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	717958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	263816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	357074	48.898	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	8.172	113	269674	45.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	10.572	98	1021852	48.461	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.854	95	319975	42.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.880%

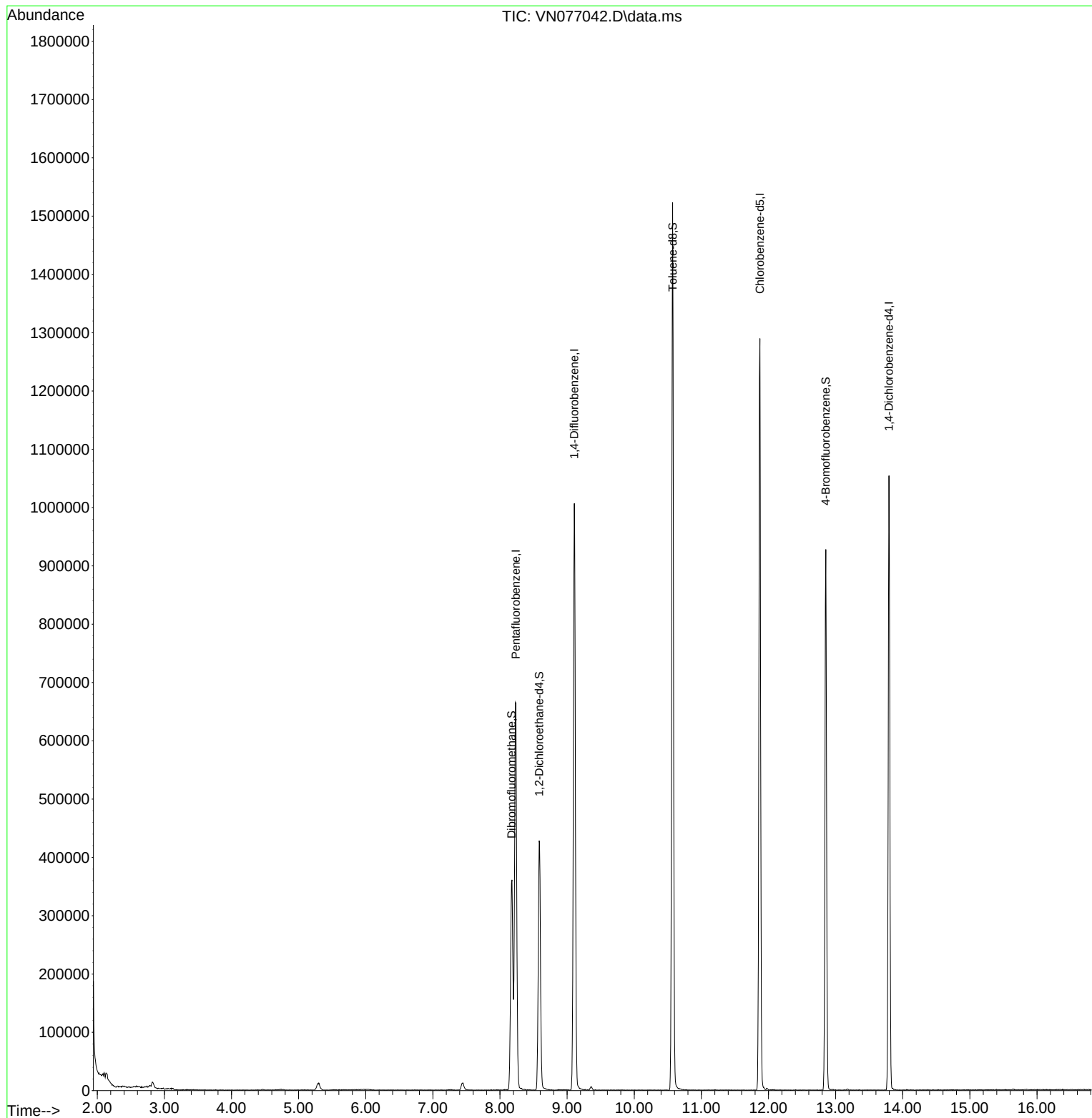
Target Compounds	Qvalue

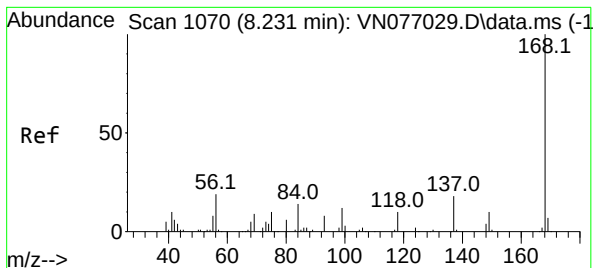
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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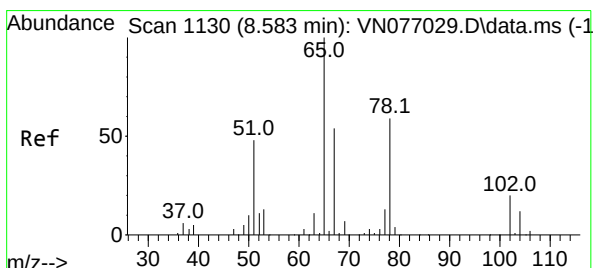
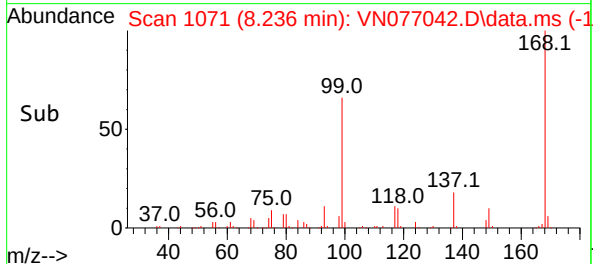
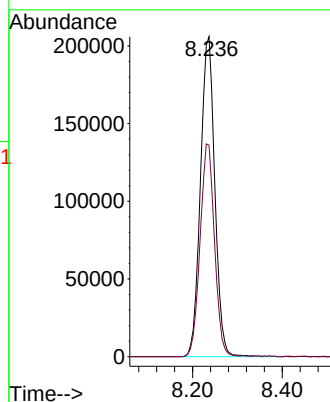
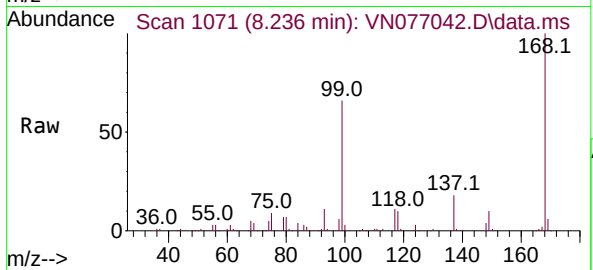




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. 0.005 min
Lab File: VN077042.D
Acq: 17 Mar 2023 18:58

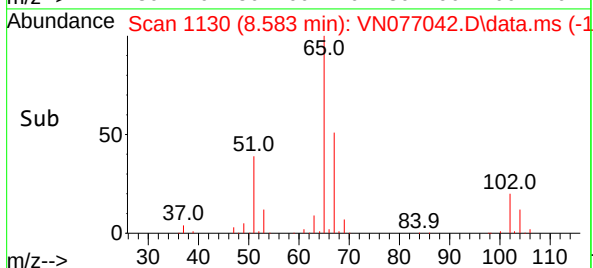
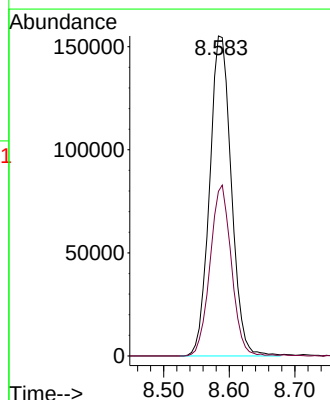
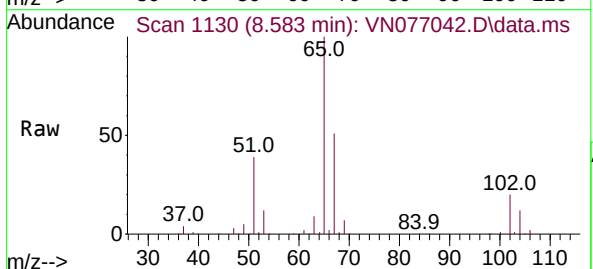
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20230314

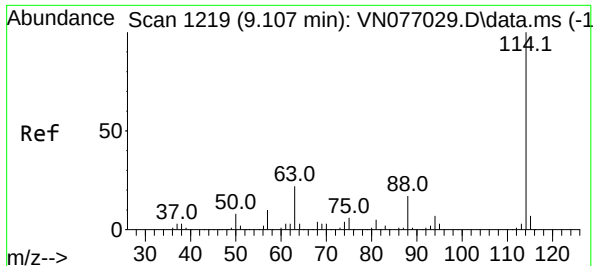
Tgt Ion:168 Resp: 457168
Ion Ratio Lower Upper
168 100
99 66.1 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 48.898 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077042.D
Acq: 17 Mar 2023 18:58

Tgt Ion: 65 Resp: 357074
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077042.D

Acq: 17 Mar 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

DUP07-20230314

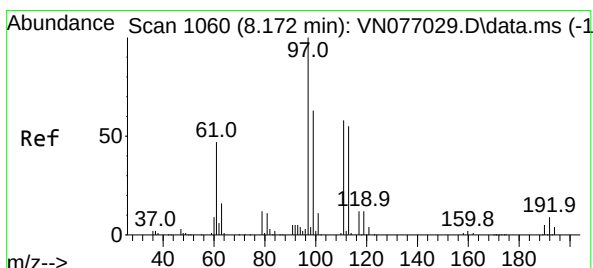
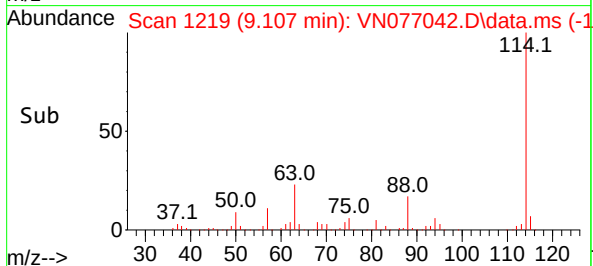
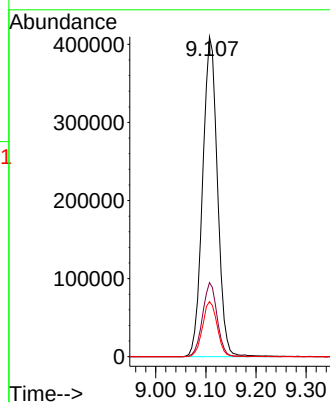
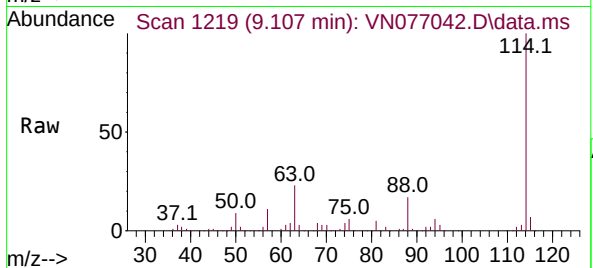
Tgt Ion:114 Resp: 842893

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 17.2 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.685 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077042.D

Acq: 17 Mar 2023 18:58

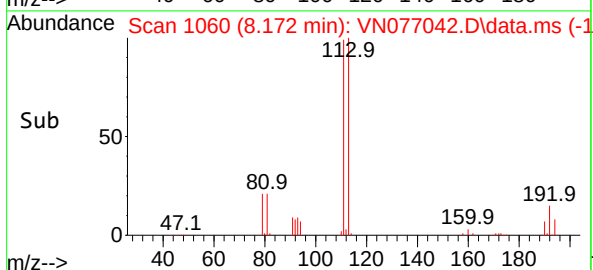
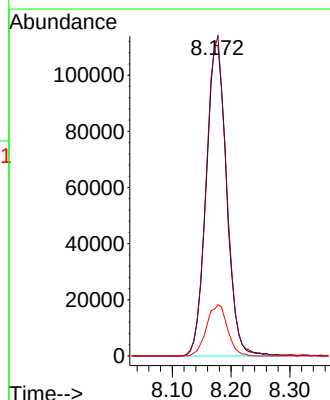
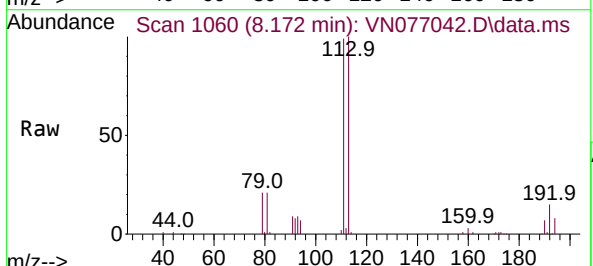
Tgt Ion:113 Resp: 269674

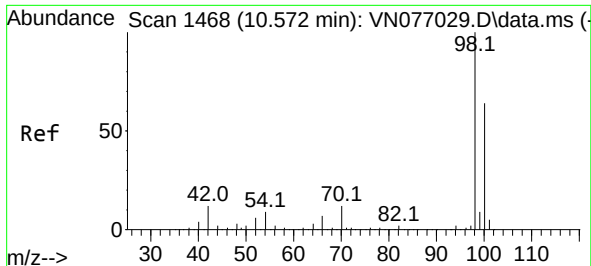
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 16.7 13.0 19.6

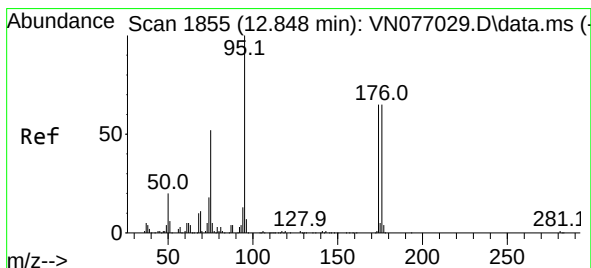
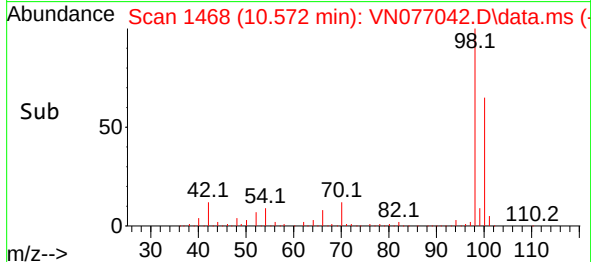
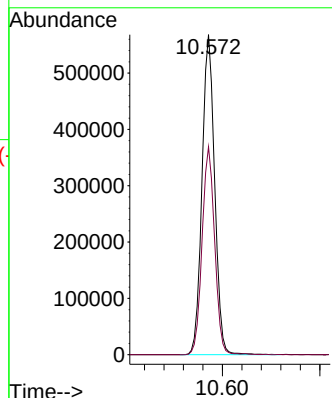
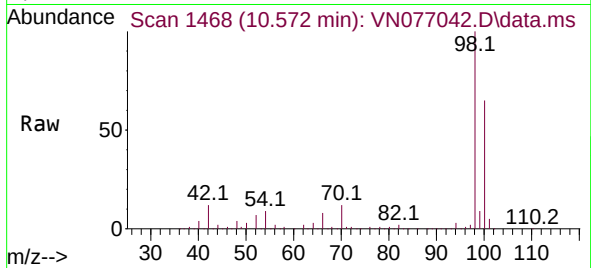




#50
Toluene-d8
Concen: 48.461 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077042.D
Acq: 17 Mar 2023 18:58

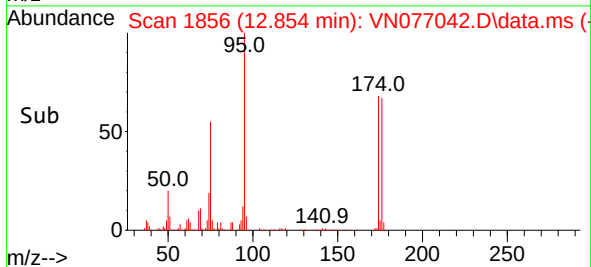
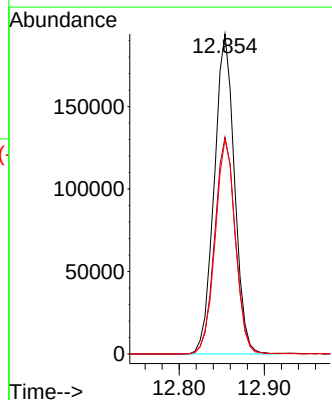
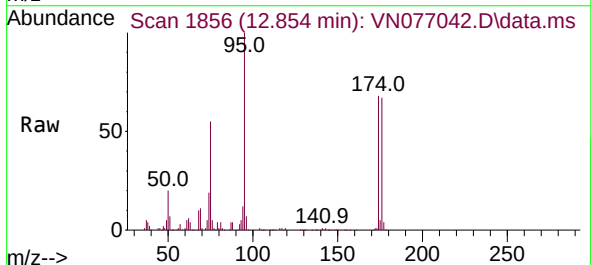
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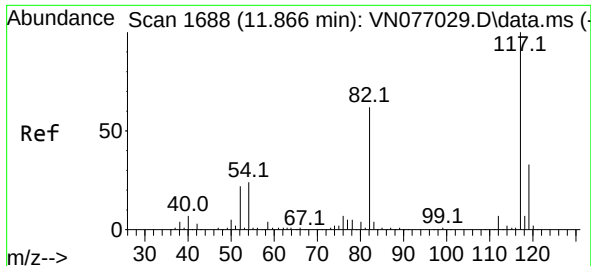
Tgt Ion: 98 Resp: 1021852
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.944 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077042.D
Acq: 17 Mar 2023 18:58

Tgt Ion: 95 Resp: 319975
Ion Ratio Lower Upper
95 100
174 69.0 0.0 136.6
176 66.9 0.0 130.0

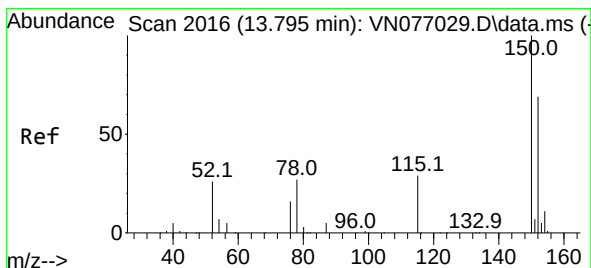
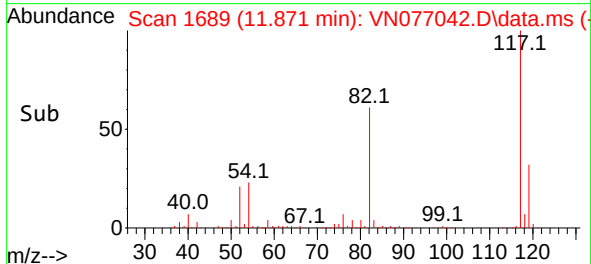
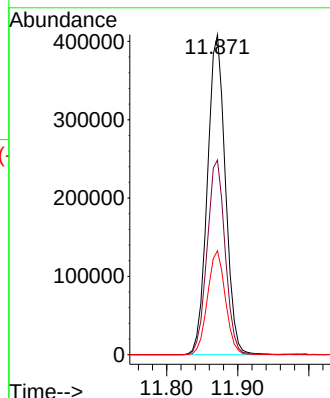
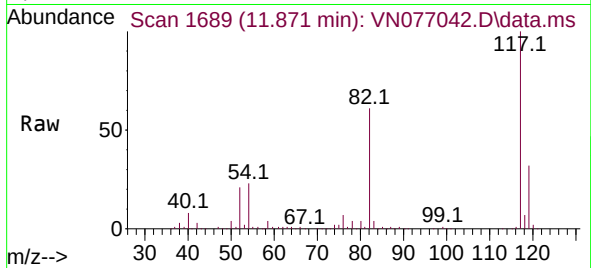




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077042.D
Acq: 17 Mar 2023 18:58

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20230314

Tgt Ion:117 Resp: 717958
Ion Ratio Lower Upper
117 100
82 60.9 49.4 74.0
119 32.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077042.D
Acq: 17 Mar 2023 18:58

Tgt Ion:152 Resp: 263816
Ion Ratio Lower Upper
152 100
115 64.3 31.9 95.7
150 157.3 0.0 348.0

