

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076496.D
 Acq On : 01 Feb 2023 14:02
 Operator : JC\MD
 Sample : 01383-03
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2876

Quant Time: Feb 01 23:51:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	454331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	728427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	616353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	254541	50.037	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.080%
35) Dibromofluoromethane	8.165	113	213328	46.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	10.570	98	821320	48.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%
62) 4-Bromofluorobenzene	12.853	95	261079	47.524	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.040%

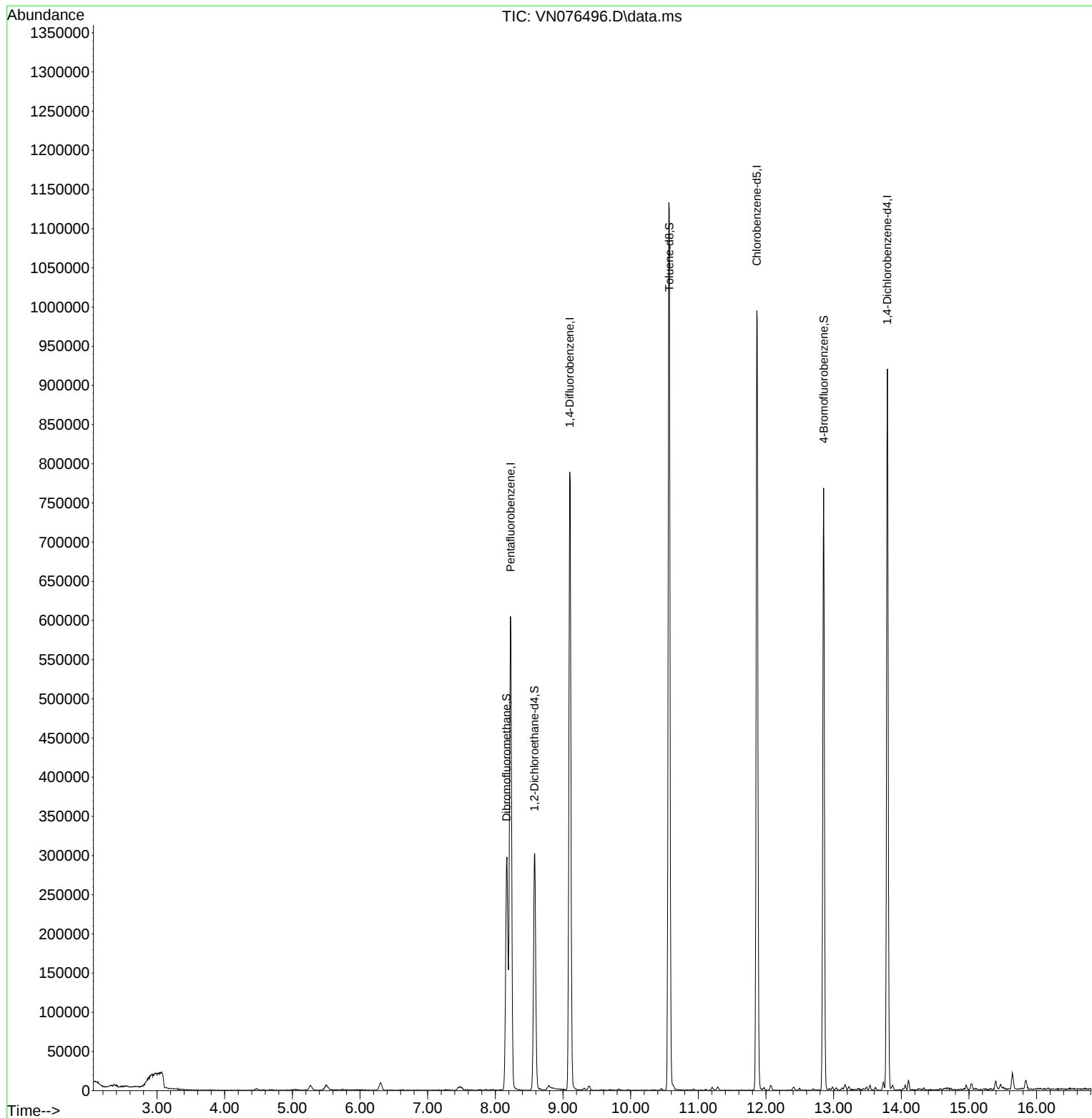
Target Compounds	Qvalue

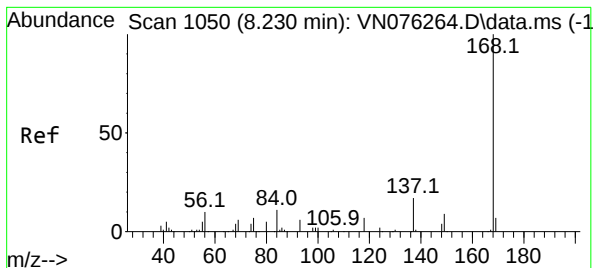
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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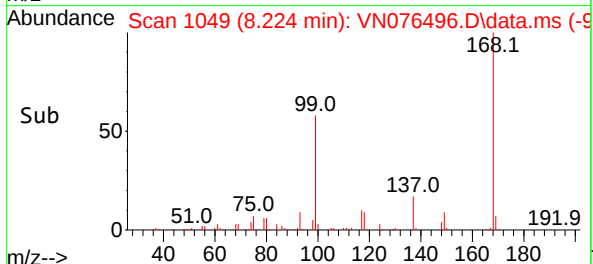
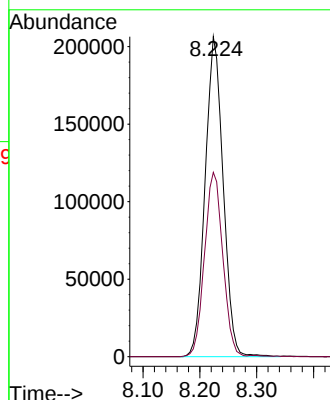
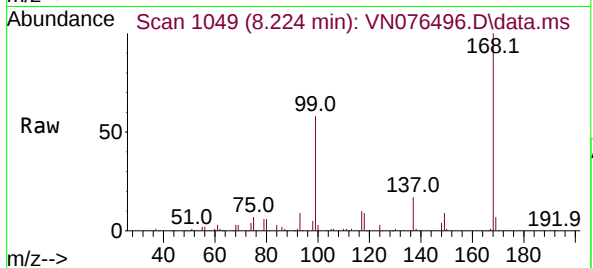




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076496.D
Acq: 01 Feb 2023 14:02

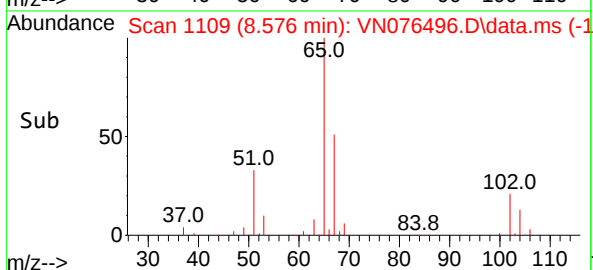
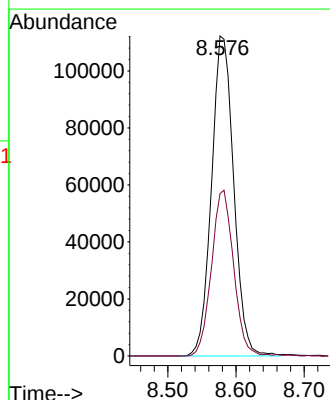
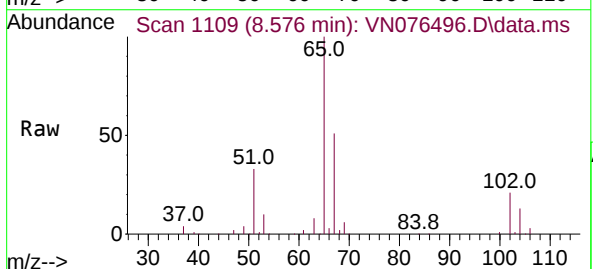
Instrument :
MSVOA_N
ClientSampleId :
2876

Tgt Ion:168 Resp: 454331
Ion Ratio Lower Upper
168 100
99 57.6 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.037 ug/l
RT: 8.576 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076496.D
Acq: 01 Feb 2023 14:02

Tgt Ion: 65 Resp: 254541
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076496.D

Acq: 01 Feb 2023 14:02

Instrument :

MSVOA_N

ClientSampleId :

2876

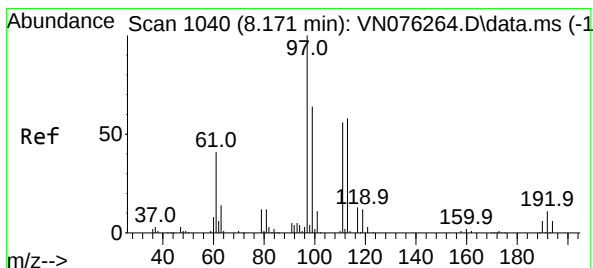
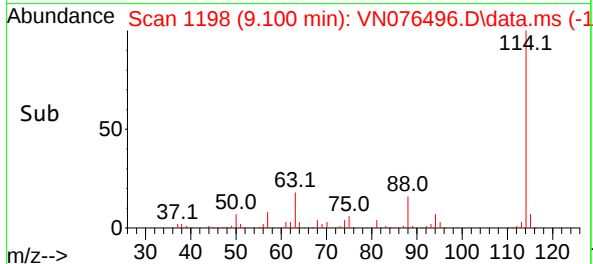
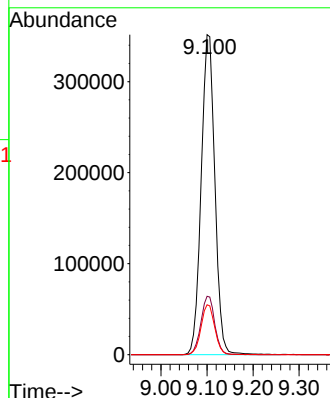
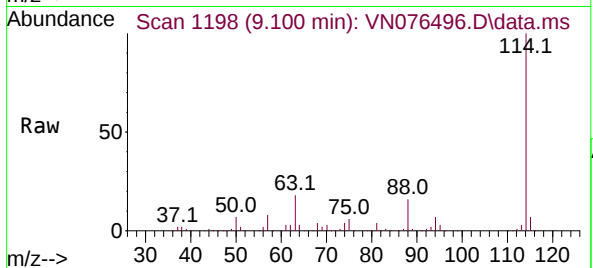
Tgt Ion:114 Resp: 728427

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 15.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.817 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN076496.D

Acq: 01 Feb 2023 14:02

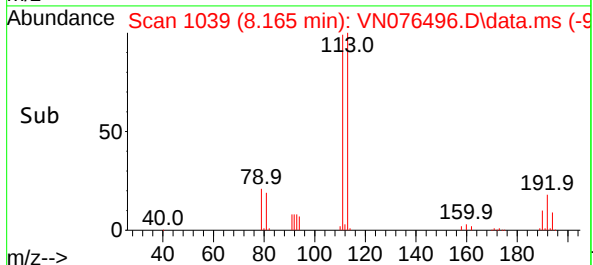
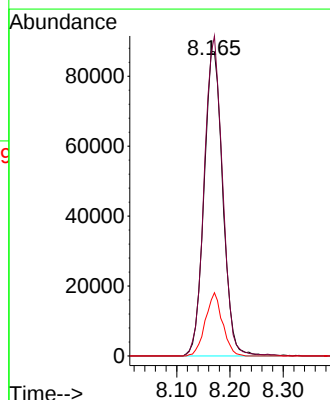
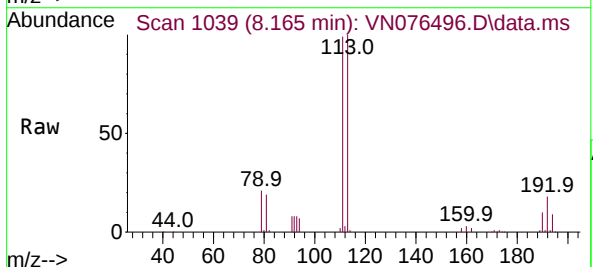
Tgt Ion:113 Resp: 213328

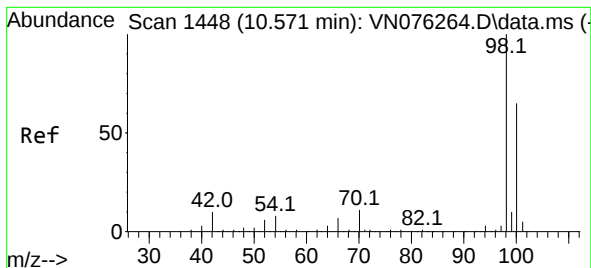
Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 19.0 15.6 23.4

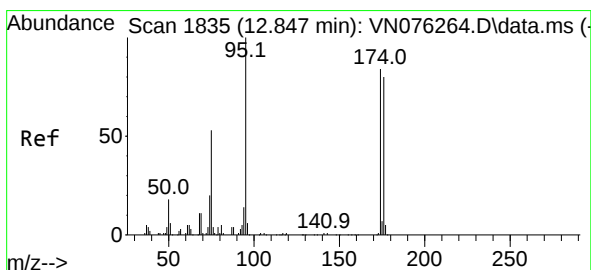
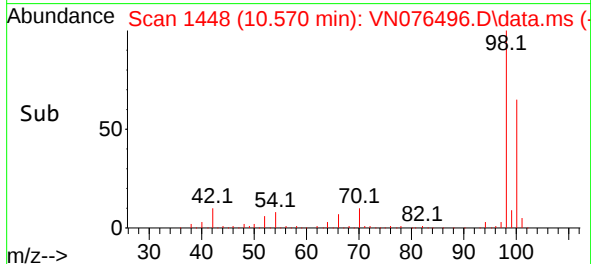
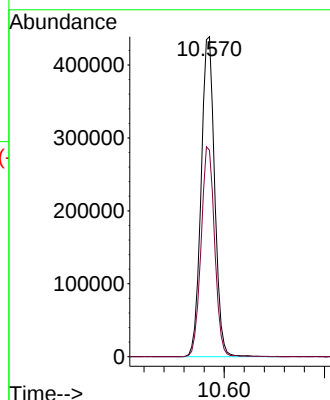
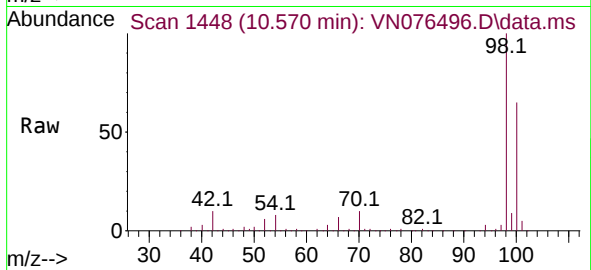




#50
Toluene-d8
Concen: 48.806 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076496.D
Acq: 01 Feb 2023 14:02

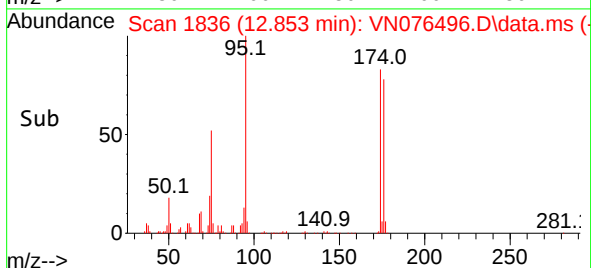
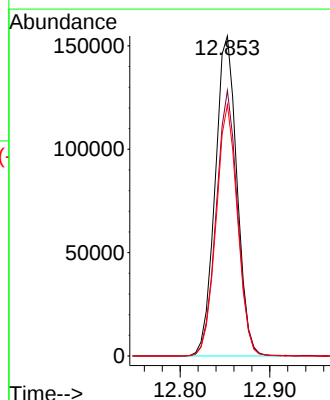
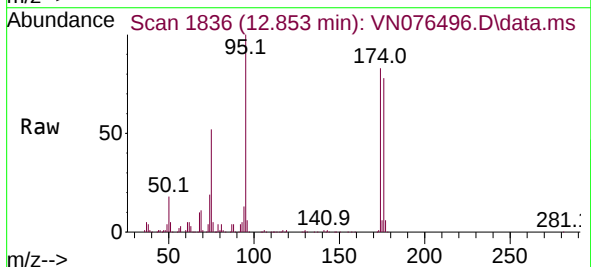
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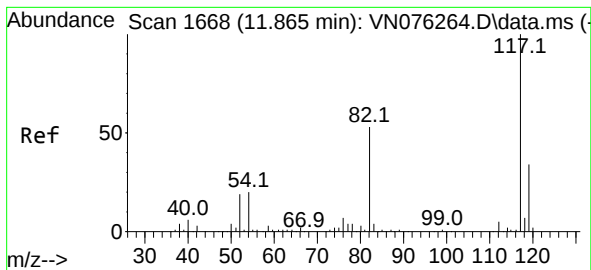
Tgt Ion: 98 Resp: 821320
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.524 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076496.D
Acq: 01 Feb 2023 14:02

Tgt Ion: 95 Resp: 261079
Ion Ratio Lower Upper
95 100
174 81.5 0.0 174.6
176 77.0 0.0 167.8

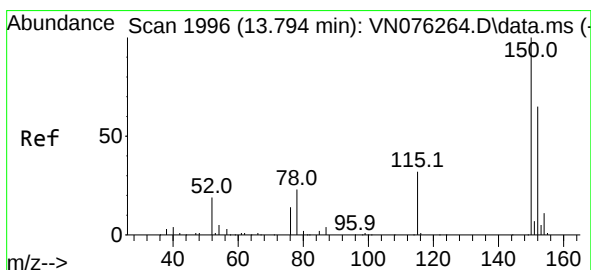
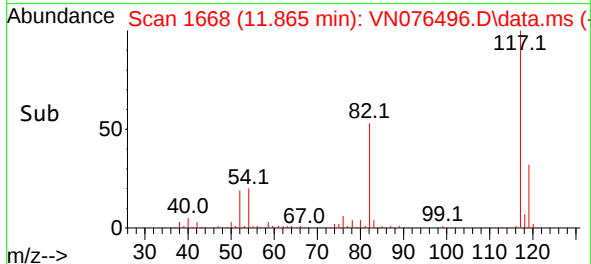
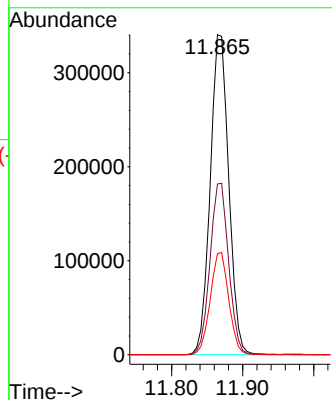
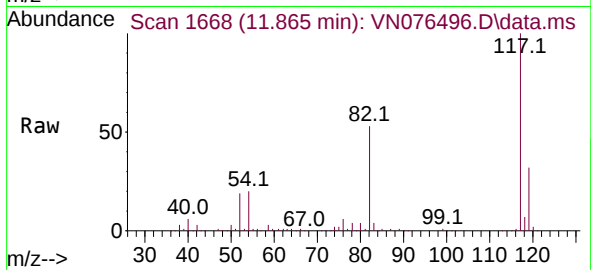




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN076496.D
Acq: 01 Feb 2023 14:02

Instrument :
MSVOA_N
ClientSampleId :
2876

Tgt Ion:117 Resp: 616353
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 31.6 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076496.D
Acq: 01 Feb 2023 14:02

Tgt Ion:152 Resp: 256748
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.9
150 155.1 0.0 351.4

