

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076549.D
 Acq On : 06 Feb 2023 18:12
 Operator : JC\MD
 Sample : 01407-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30984

Quant Time: Feb 07 05:48:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	509833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	823203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	685994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287933	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279042	45.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.940%
35) Dibromofluoromethane	8.171	113	242287	47.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.565	98	934532	48.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.853	95	298008	44.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%

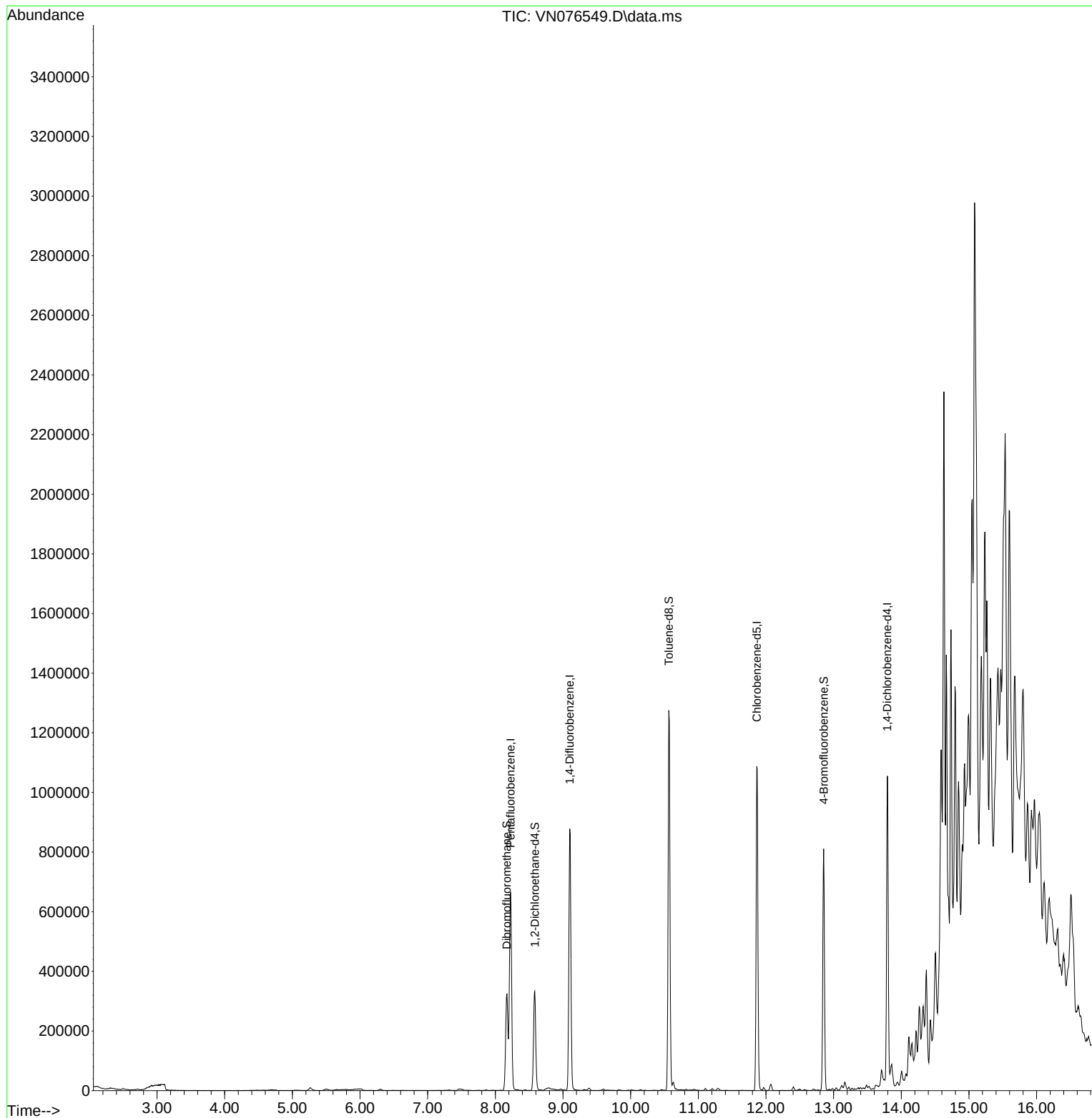
Target Compounds	Qvalue

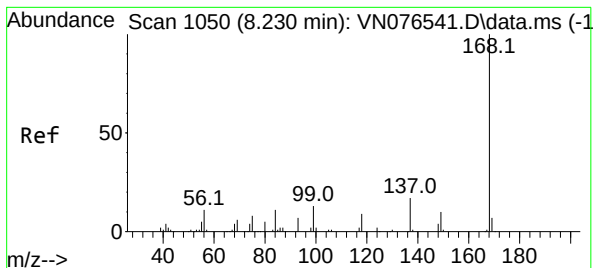
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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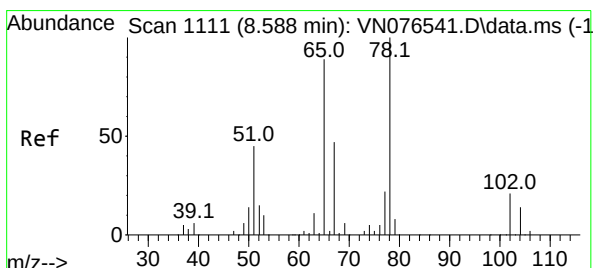
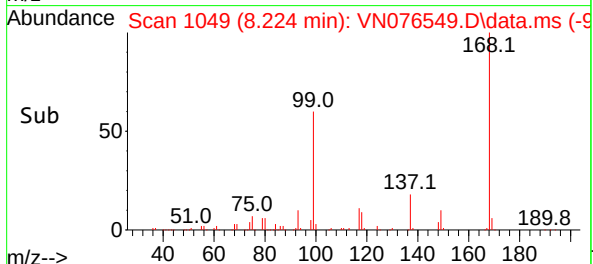
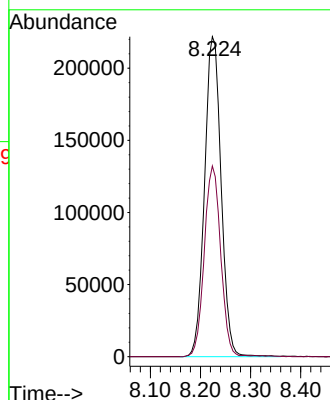
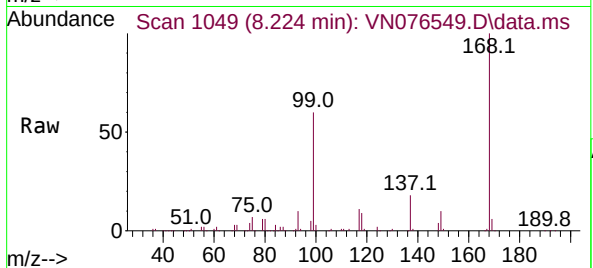




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

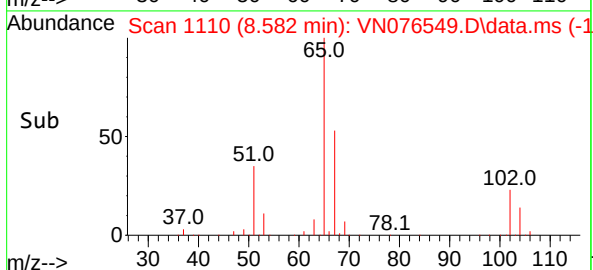
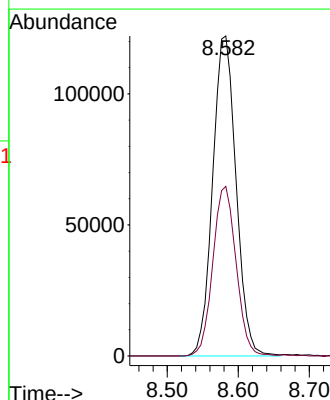
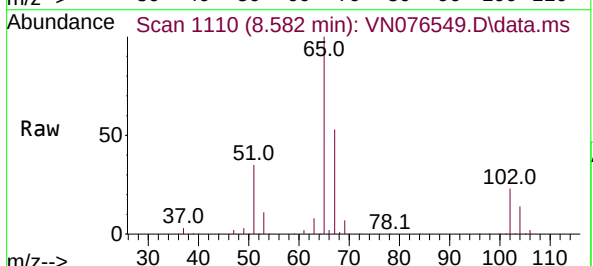
Instrument :
MSVOA_N
ClientSampleId :
30984

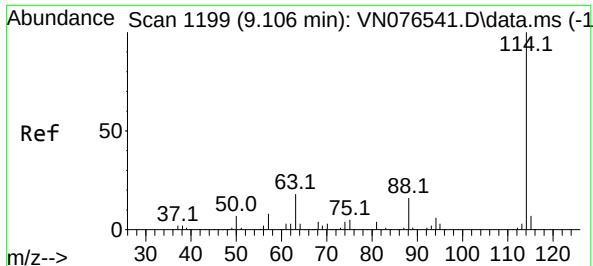
Tgt Ion:168 Resp: 509833
Ion Ratio Lower Upper
168 100
99 59.6 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 45.967 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 65 Resp: 279042
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

Instrument :

MSVOA_N

ClientSampleId :

30984

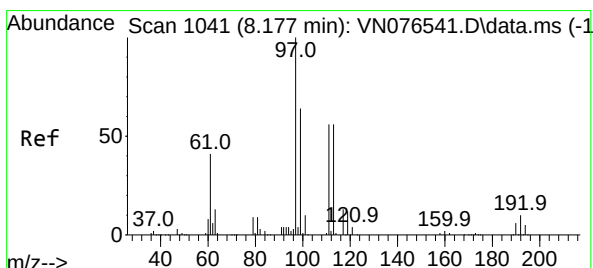
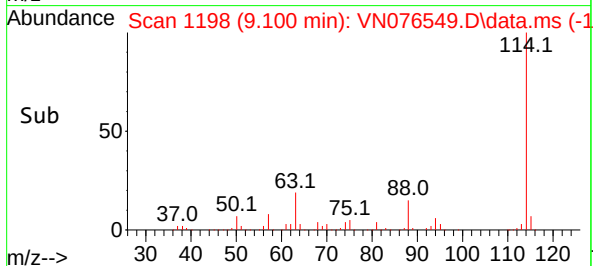
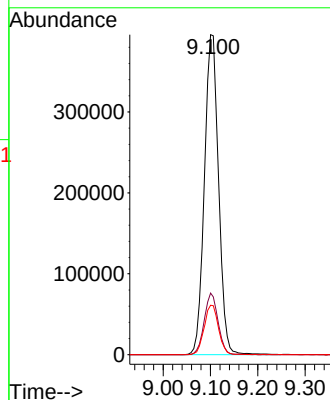
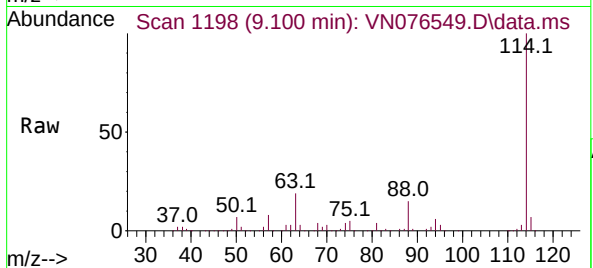
Tgt Ion:114 Resp: 823203

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.561 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VN076549.D

Acq: 06 Feb 2023 18:12

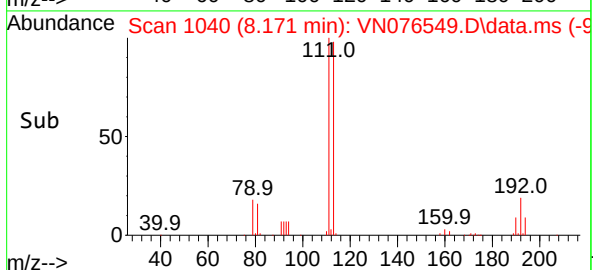
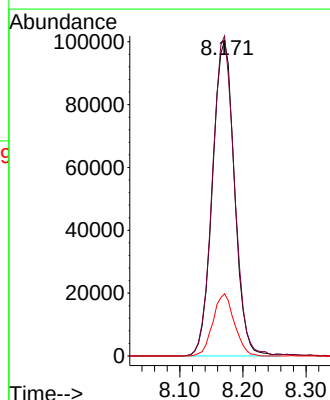
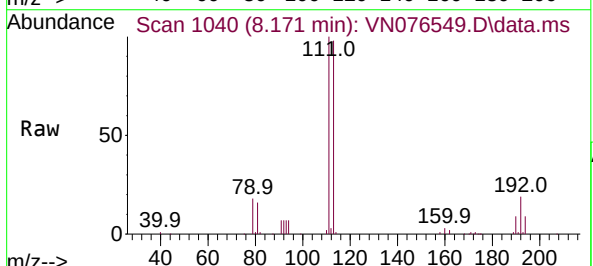
Tgt Ion:113 Resp: 242287

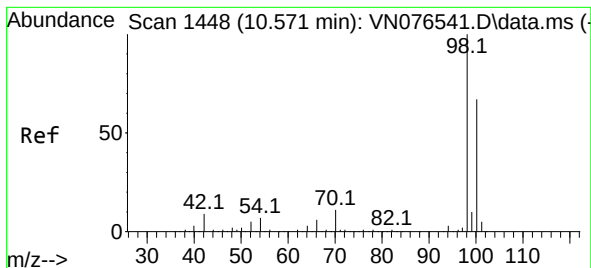
Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

192 19.2 15.0 22.4

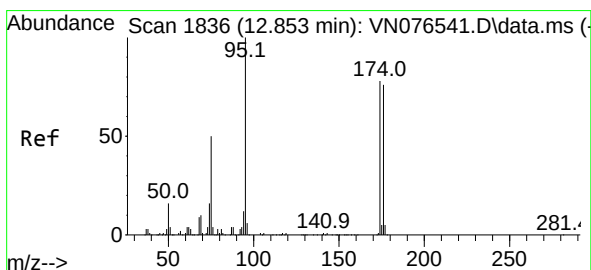
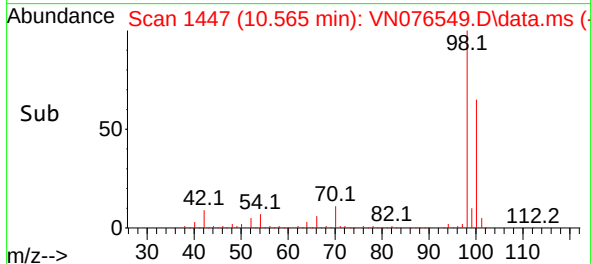
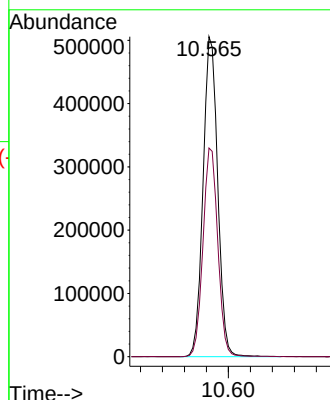
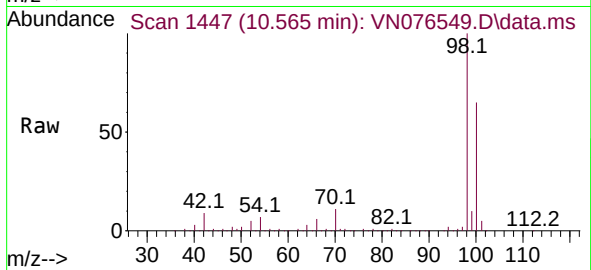




#50
Toluene-d8
Concen: 48.284 ug/l
RT: 10.565 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

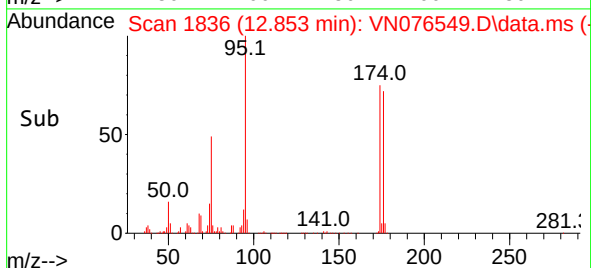
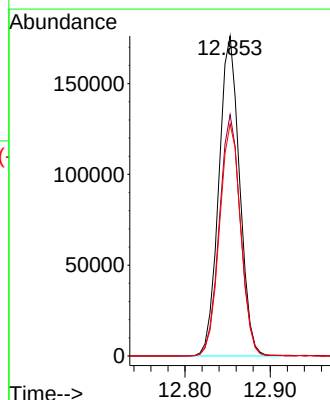
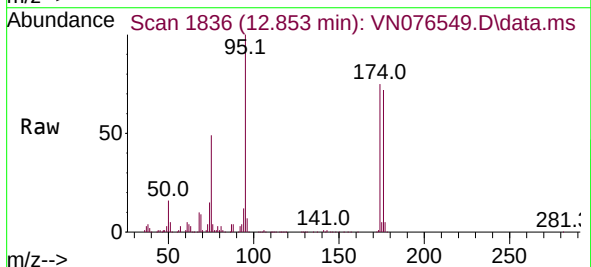
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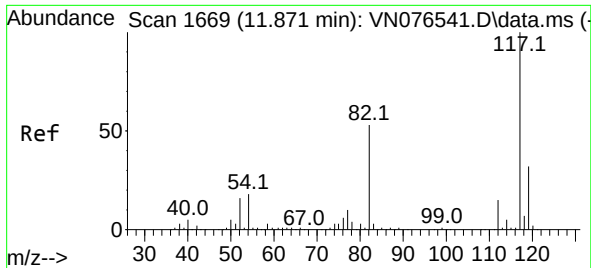
Tgt Ion: 98 Resp: 934532
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.424 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion: 95 Resp: 298008
Ion Ratio Lower Upper
95 100
174 76.5 0.0 153.4
176 74.0 0.0 149.0

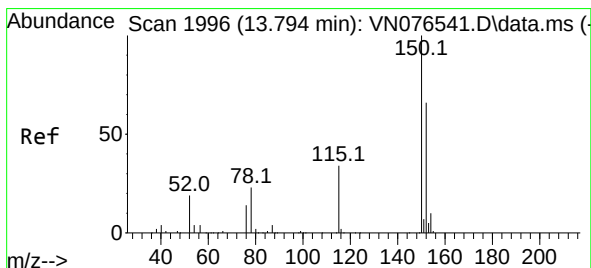
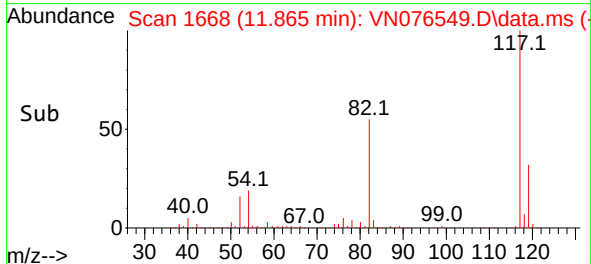
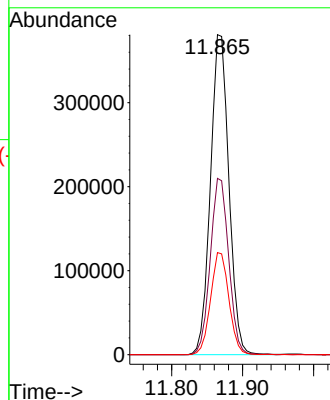
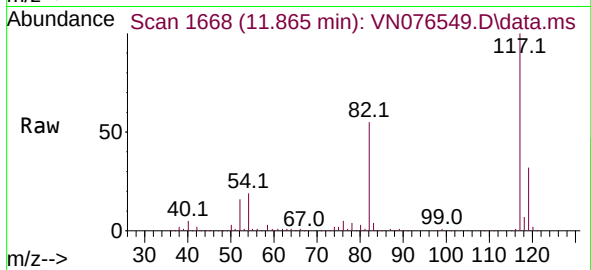




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Instrument :
MSVOA_N
ClientSampleId :
30984

Tgt Ion:117 Resp: 685994
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076549.D
Acq: 06 Feb 2023 18:12

Tgt Ion:152 Resp: 287933
Ion Ratio Lower Upper
152 100
115 62.2 30.5 91.5
150 159.2 0.0 352.0

