

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075203.D
 Acq On : 08 Nov 2022 11:43
 Operator : JC\MD
 Sample : VN1108WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBL01

Quant Time: Nov 09 01:30:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	94421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	152738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	59829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	72768	57.198	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.400%
35) Dibromofluoromethane	8.171	113	59070	56.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.600%
50) Toluene-d8	10.570	98	207923	51.075	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.847	95	63572	44.454	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.900%

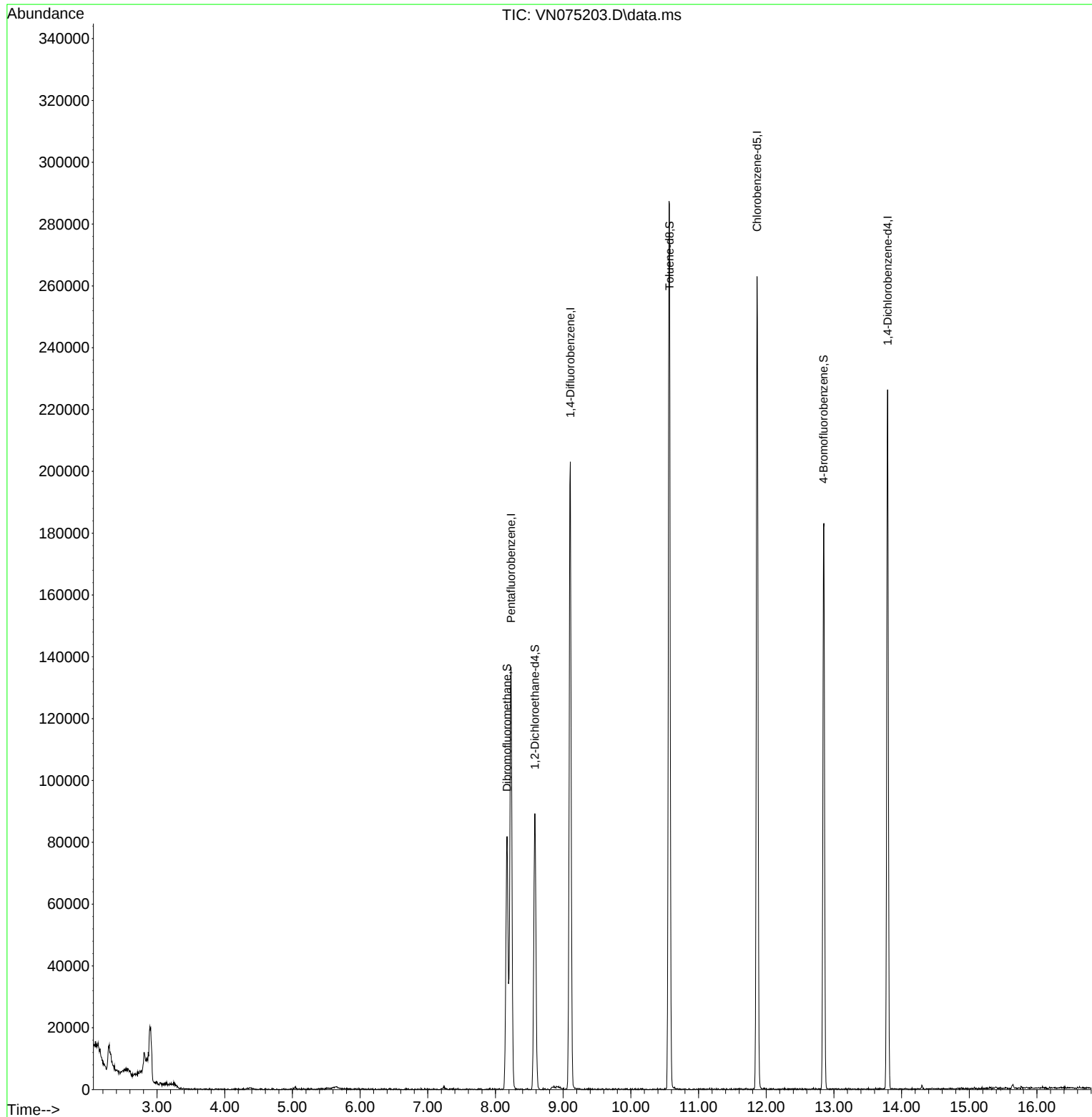
Target Compounds	Qvalue

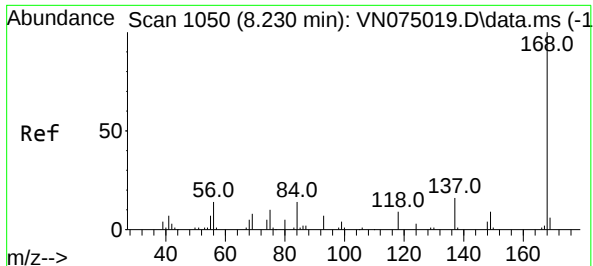
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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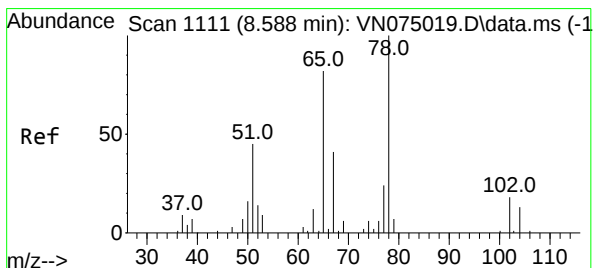
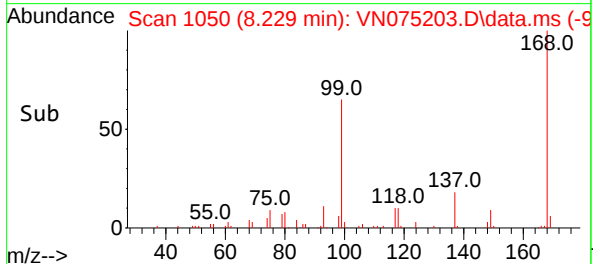
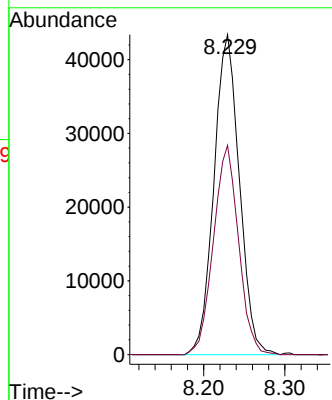
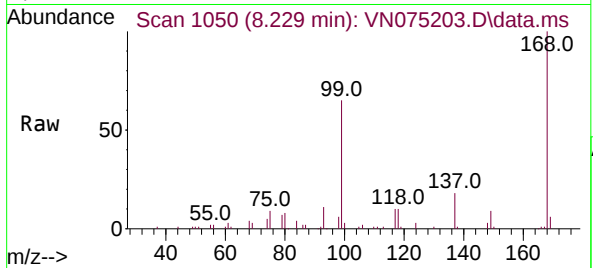




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 110
Delta R.T. -0.001 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

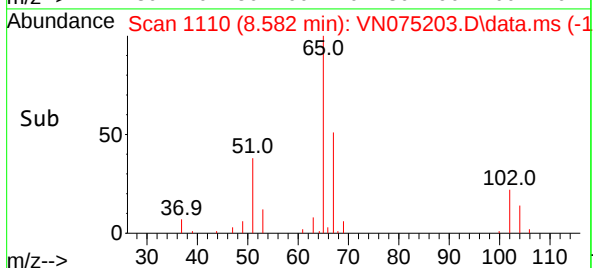
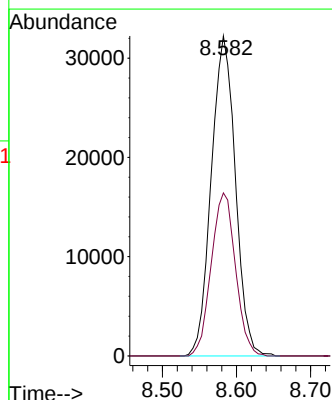
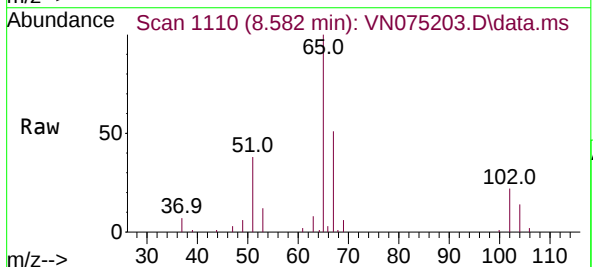
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

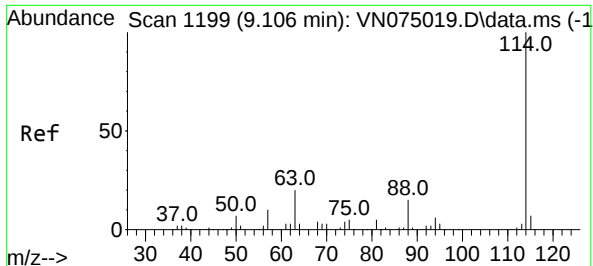
Tgt Ion:168 Resp: 94421
Ion Ratio Lower Upper
168 100
99 65.4 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 57.198 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Tgt Ion: 65 Resp: 72768
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBL01

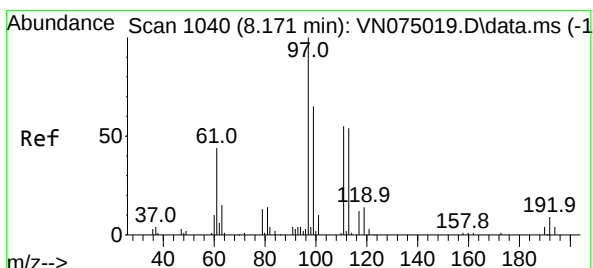
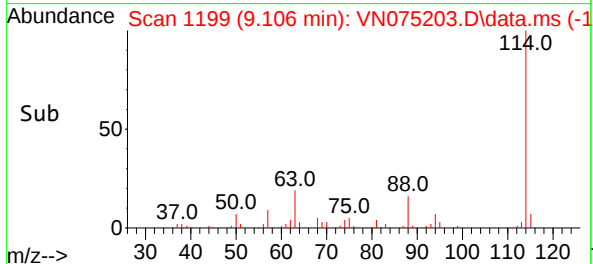
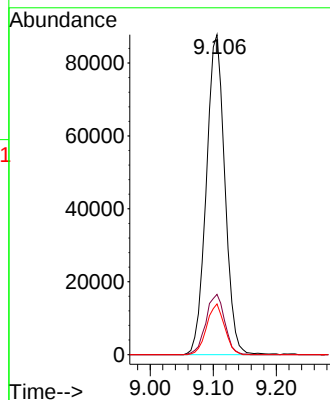
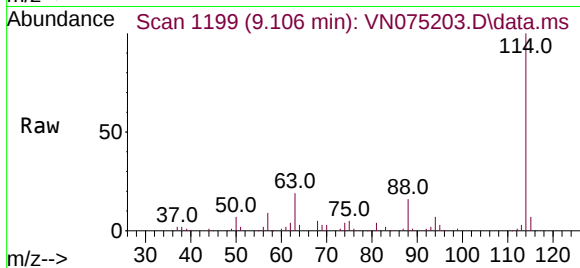
Tgt Ion:114 Resp: 178739

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 56.295 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075203.D

Acq: 08 Nov 2022 11:43

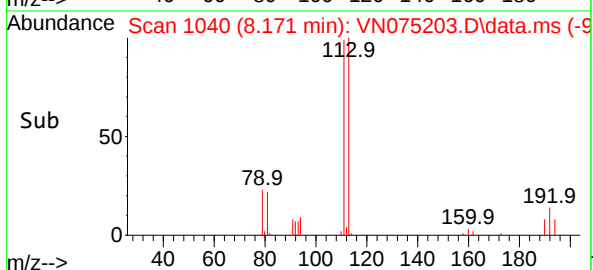
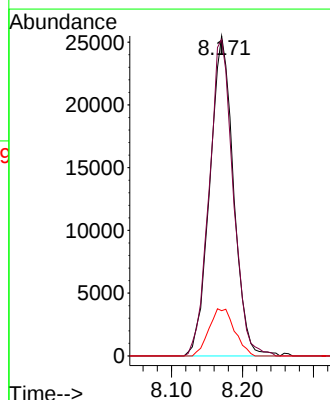
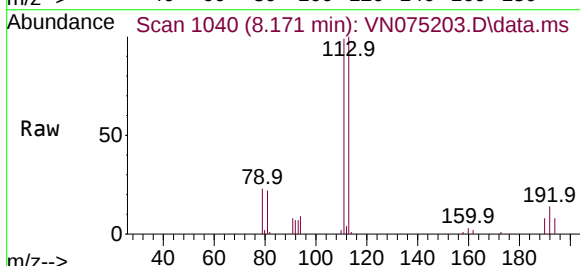
Tgt Ion:113 Resp: 59070

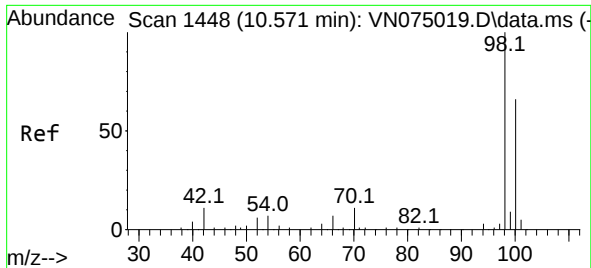
Ion Ratio Lower Upper

113 100

111 100.2 80.5 120.7

192 15.9 13.2 19.8

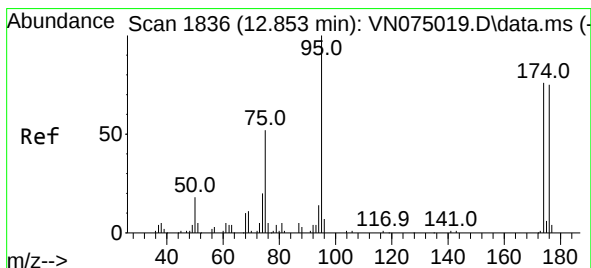
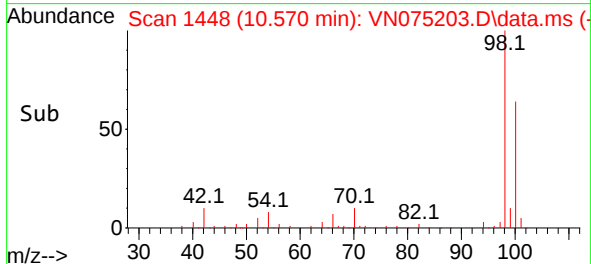
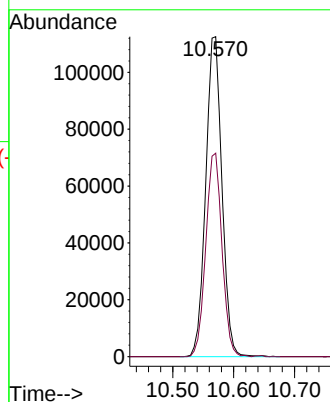
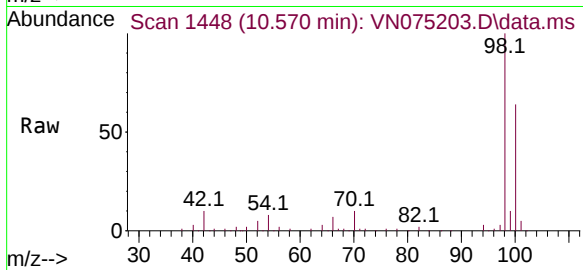




#50
Toluene-d8
Concen: 51.075 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

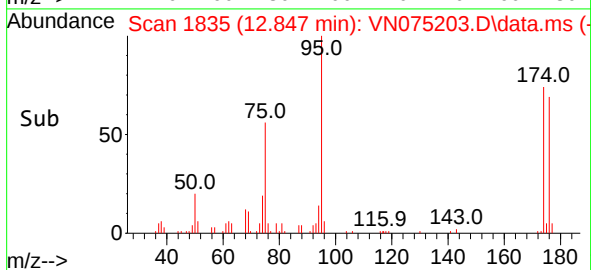
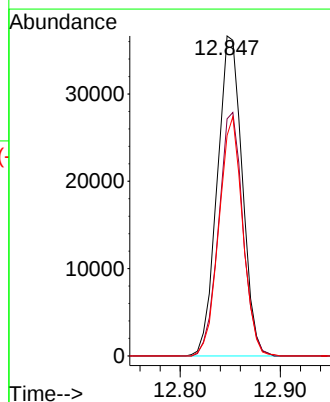
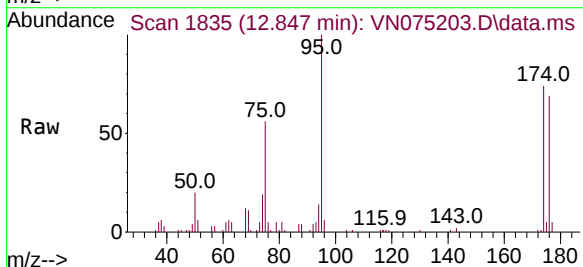
Instrument :
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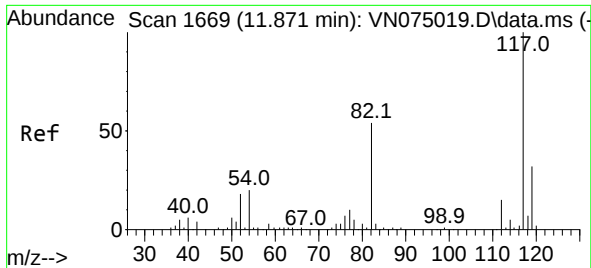
Tgt Ion: 98 Resp: 207923
Ion Ratio Lower Upper
98 100
100 63.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 44.454 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Tgt Ion: 95 Resp: 63572
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.4
176 70.9 0.0 142.2

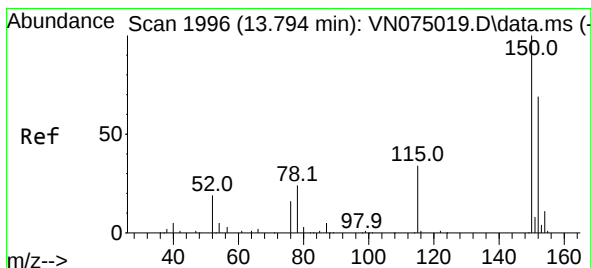
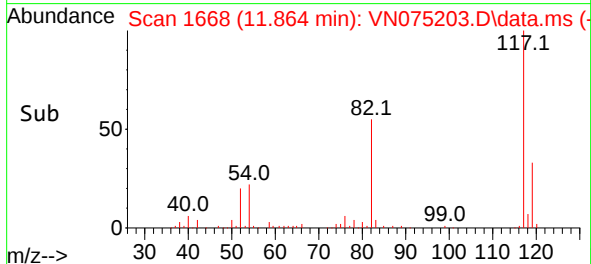
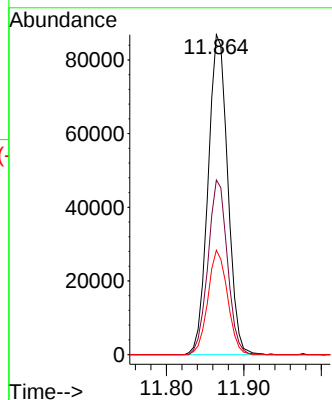
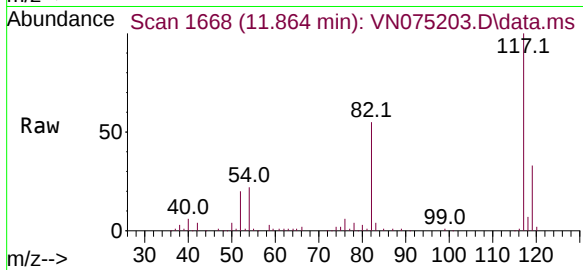




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1668
Delta R.T. -0.007 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBL01

Tgt Ion:117 Resp: 152738
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075203.D
Acq: 08 Nov 2022 11:43

Tgt Ion:152 Resp: 59829
Ion Ratio Lower Upper
152 100
115 62.1 30.2 90.6
150 155.4 0.0 348.4

