

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075080.D
 Acq On : 31 Oct 2022 12:15
 Operator : JC\MD
 Sample : VN1031WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBL01

Quant Time: Nov 01 06:13:22 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	103082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	194844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	165175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	81434	58.632	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.260%
35) Dibromofluoromethane	8.171	113	62695	54.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.620%
50) Toluene-d8	10.570	98	234814	52.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.820%
62) 4-Bromofluorobenzene	12.847	95	67976	43.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.220%

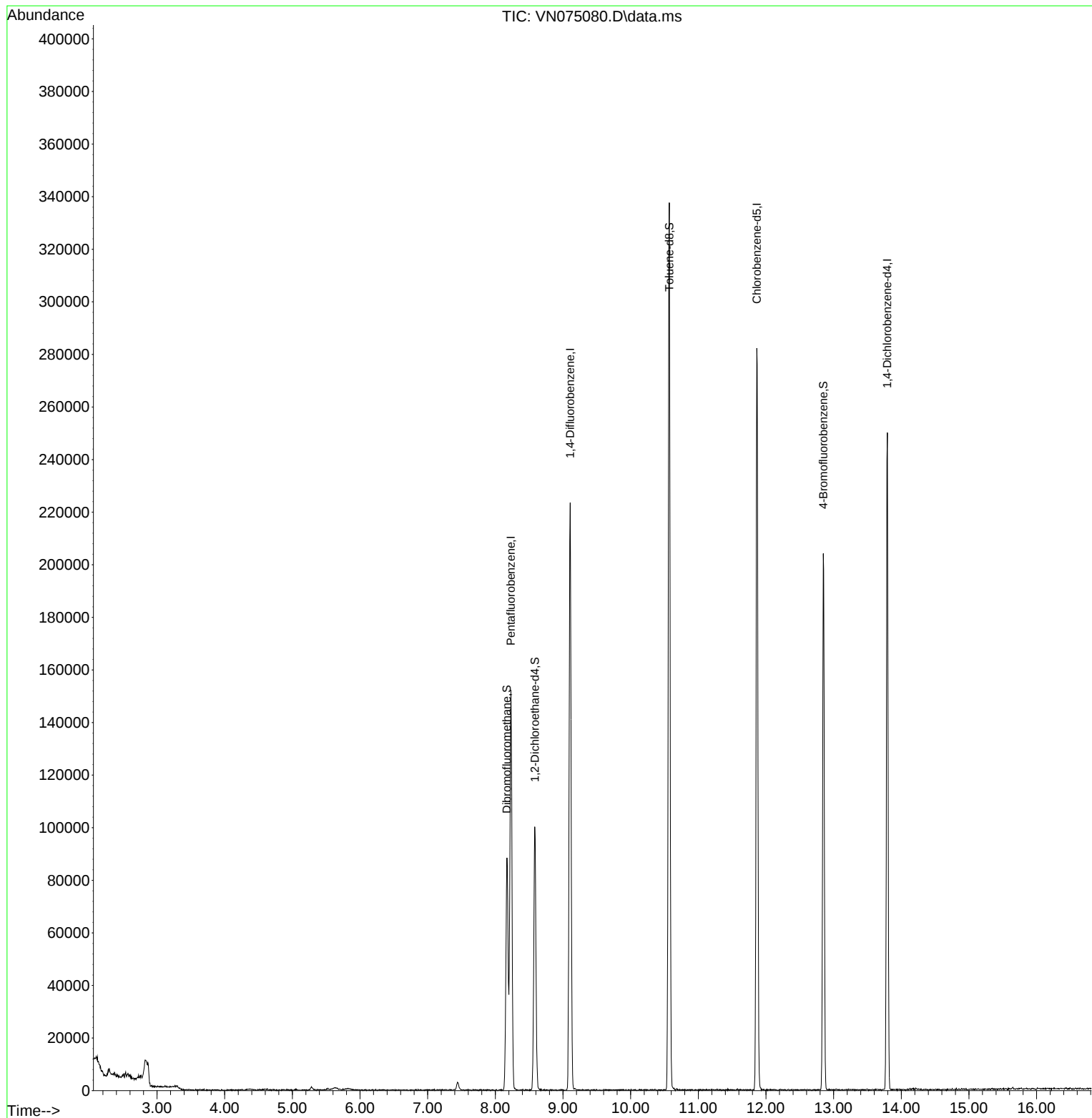
Target Compounds	Qvalue

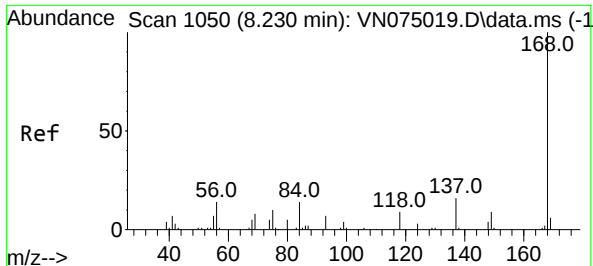
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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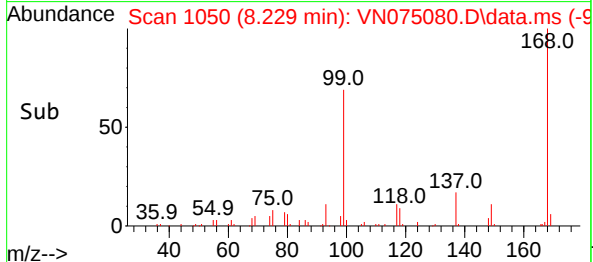
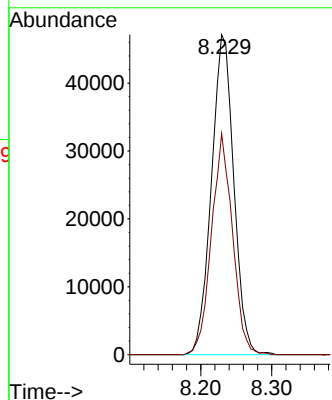
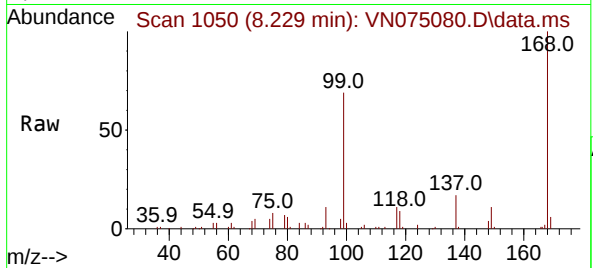




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 110
Delta R.T. -0.001 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

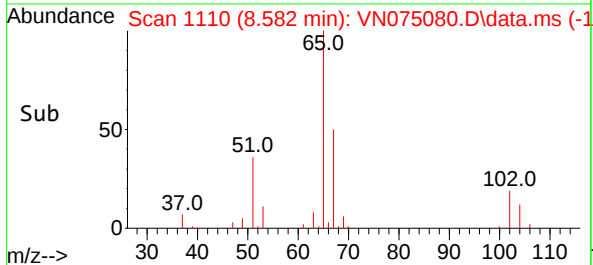
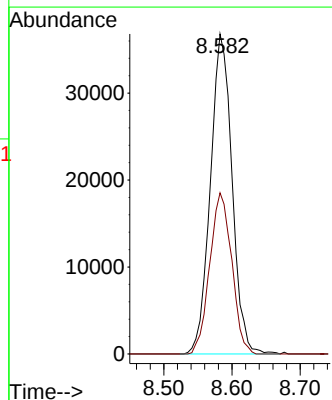
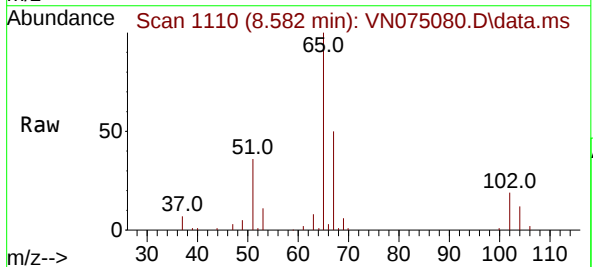
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

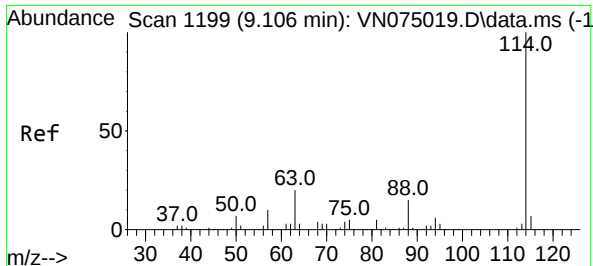
Tgt Ion:168 Resp: 103082
Ion Ratio Lower Upper
168 100
99 69.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 58.632 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion: 65 Resp: 81434
Ion Ratio Lower Upper
65 100
67 51.1 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: VN075080.D

Acq: 31 Oct 2022 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBL01

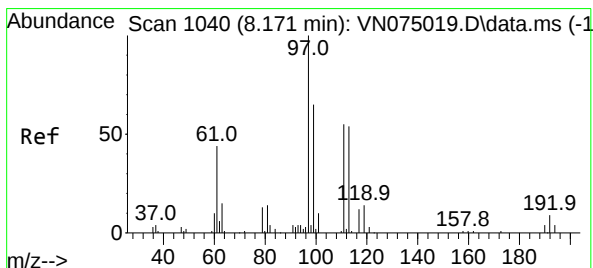
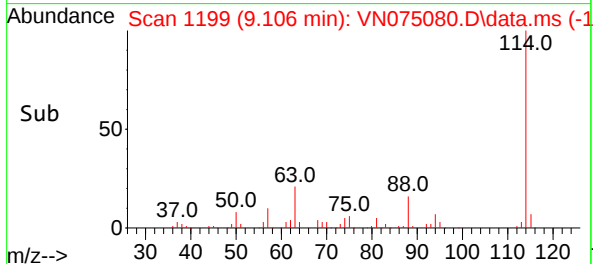
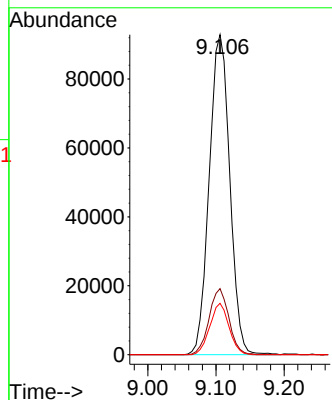
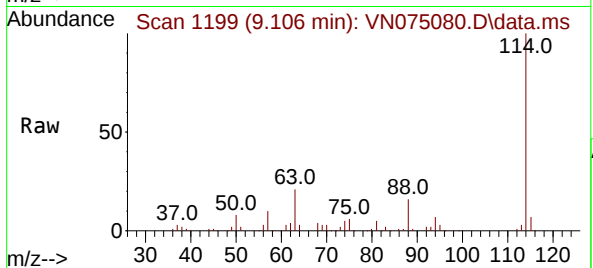
Tgt Ion:114 Resp: 194844

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.6

88 16.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.811 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075080.D

Acq: 31 Oct 2022 12:15

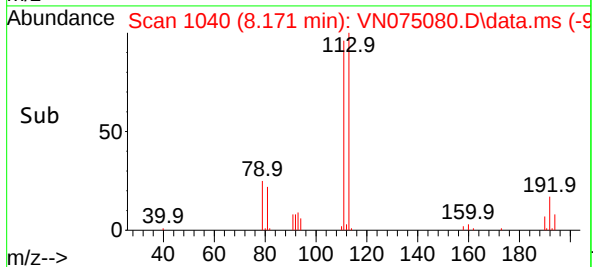
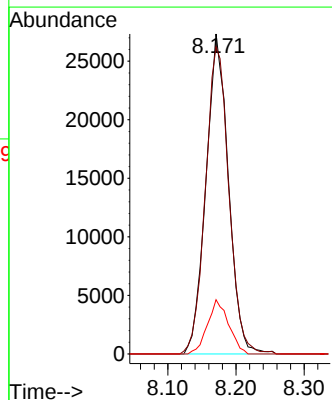
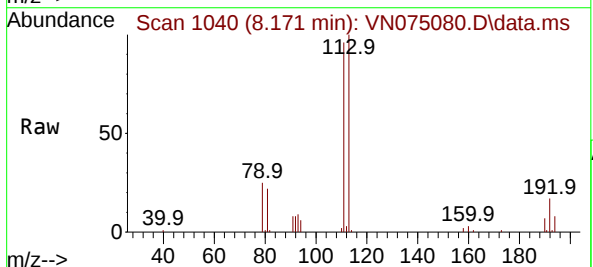
Tgt Ion:113 Resp: 62695

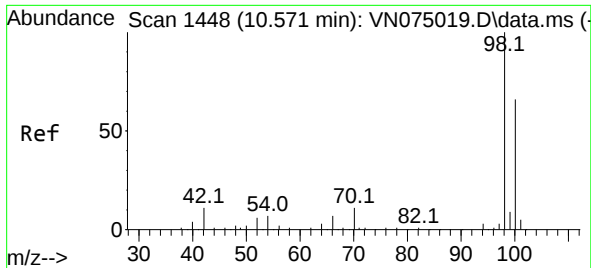
Ion Ratio Lower Upper

113 100

111 100.1 80.5 120.7

192 15.9 13.2 19.8

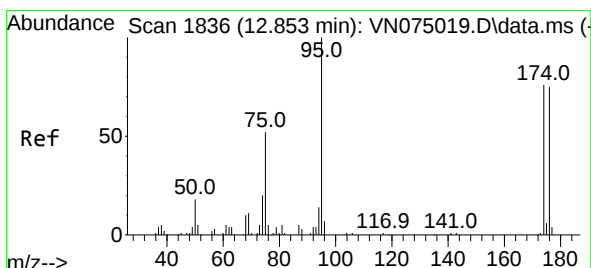
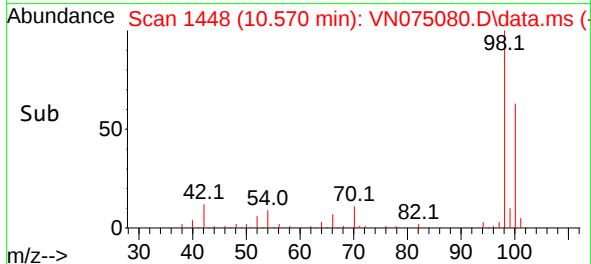
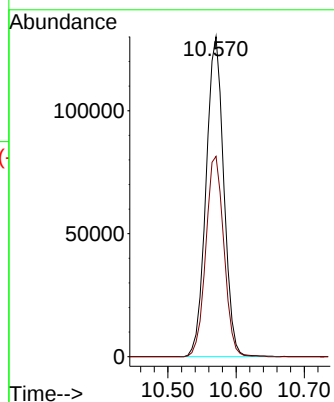
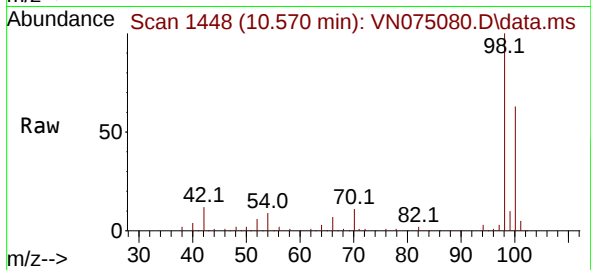




#50
Toluene-d8
Concen: 52.913 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

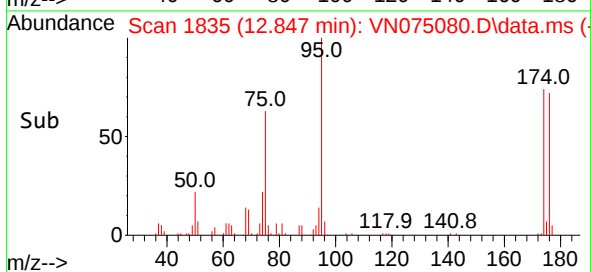
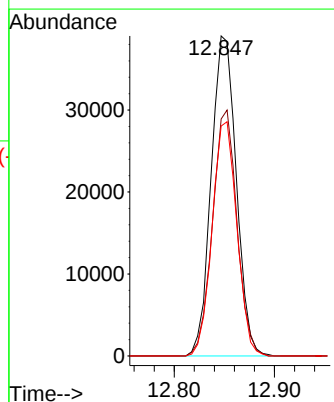
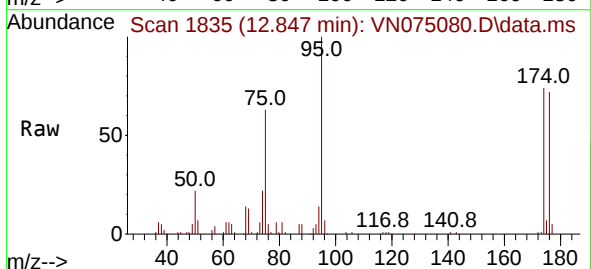
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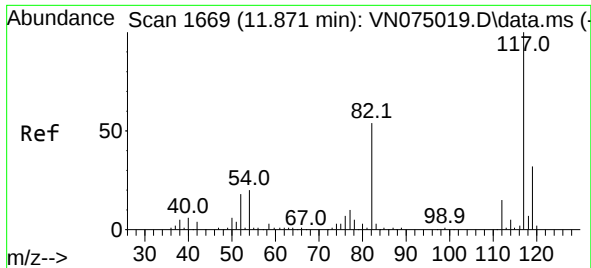
Tgt Ion: 98 Resp: 234814
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 43.605 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion: 95 Resp: 67976
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 71.9 0.0 142.2

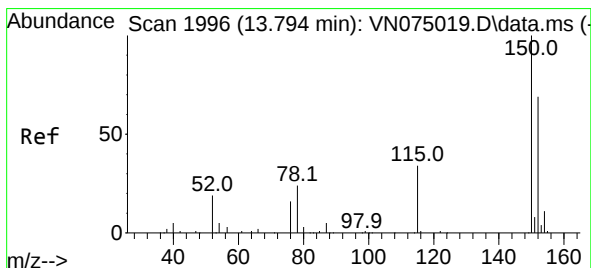
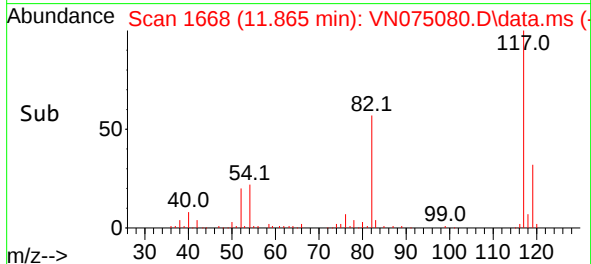
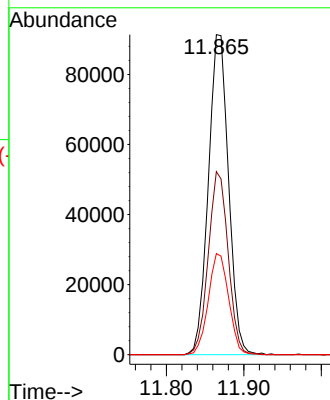
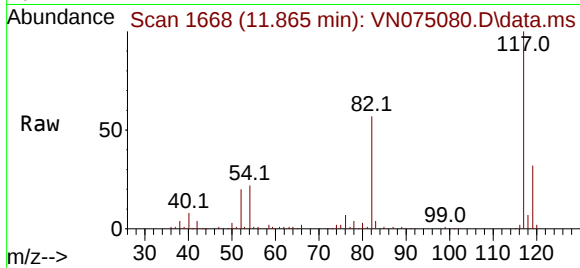




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075080.D
Acq: 31 Oct 2022 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

Tgt Ion:117 Resp: 165175
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 31.6 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: VN075080.D
Acq: 31 Oct 2022 12:15

Tgt Ion:152 Resp: 64000
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 159.0 0.0 348.4

