

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082676.D
 Acq On : 21 Jun 2024 14:09
 Operator : JC\MD
 Sample : VN0621WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL01

Quant Time: Jun 24 02:20:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	115476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	211144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	207851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	109028	58.876	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.760%
35) Dibromofluoromethane	8.171	113	81367	56.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.620%
50) Toluene-d8	10.571	98	279653	51.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.853	95	85560	45.815	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.640%

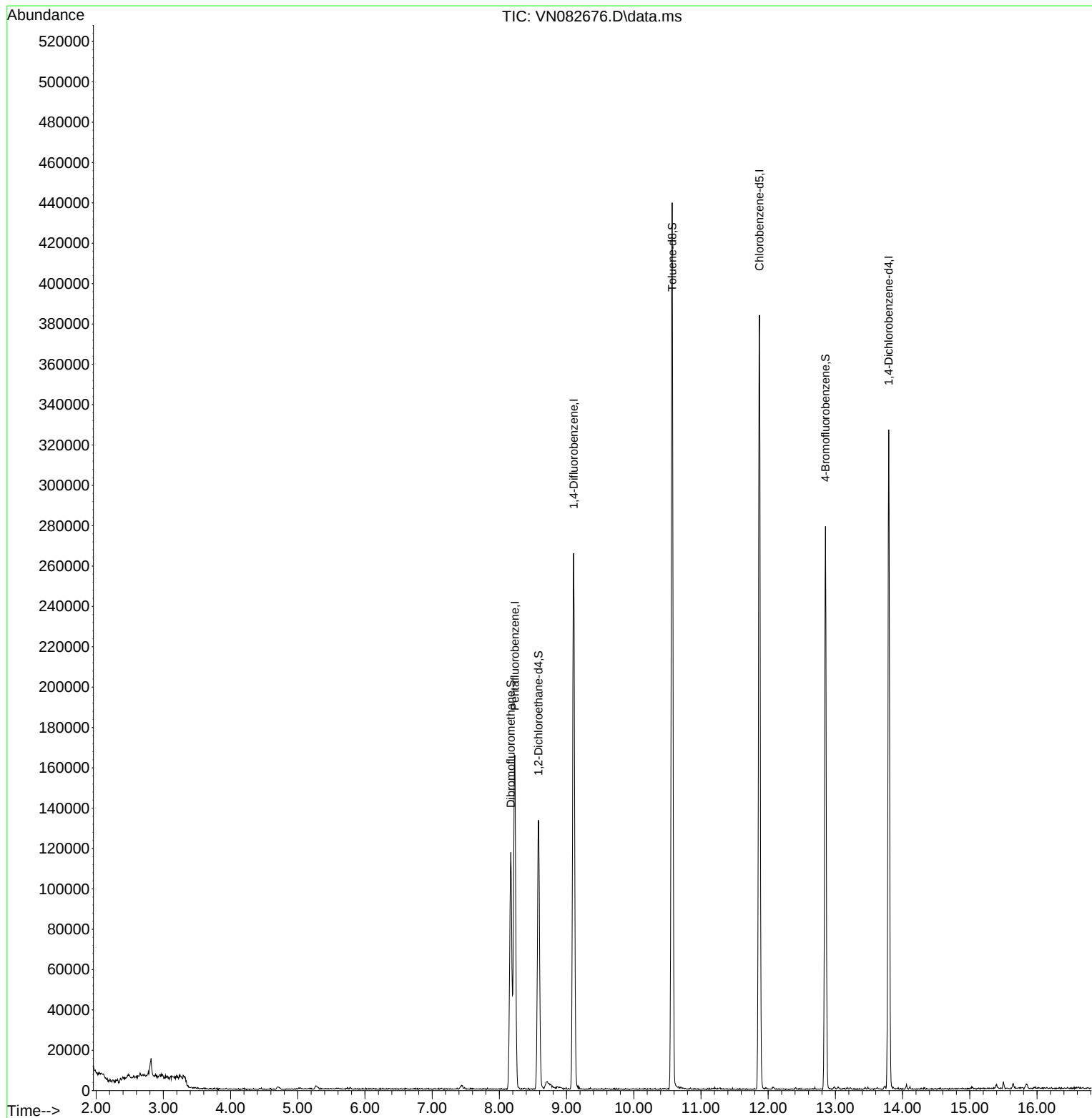
Target Compounds	Qvalue

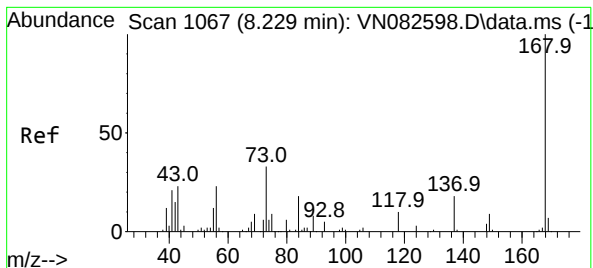
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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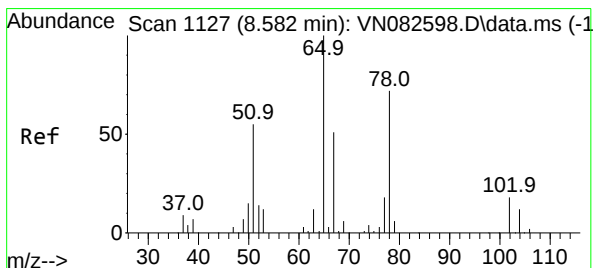
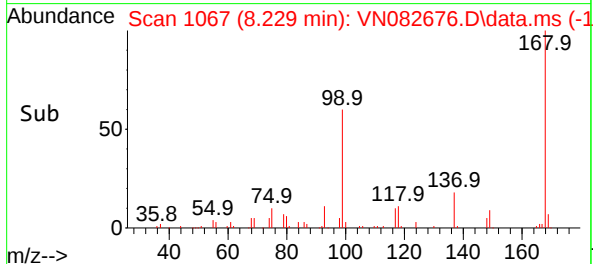
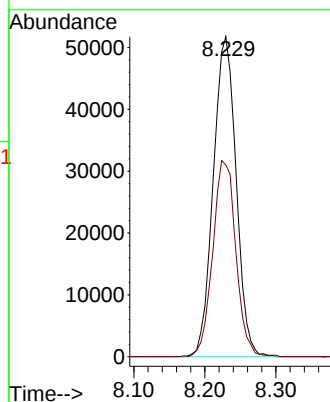
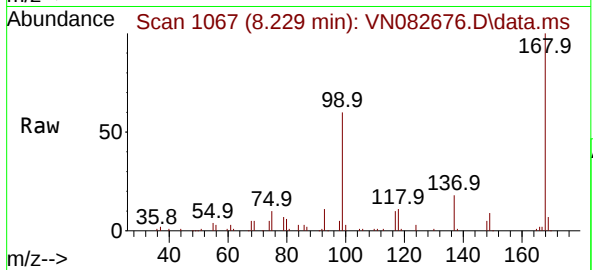




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082676.D
Acq: 21 Jun 2024 14:09

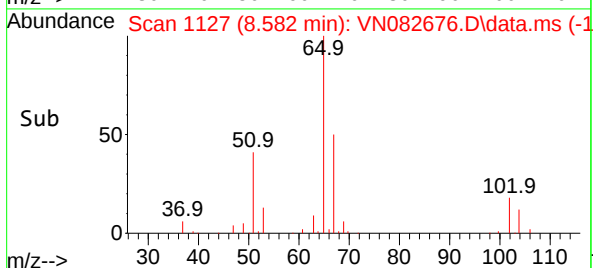
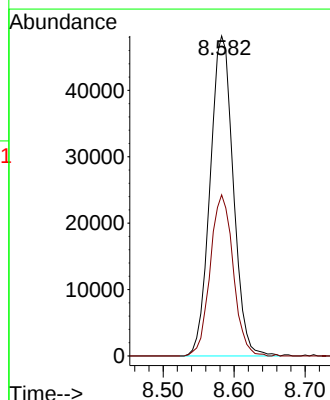
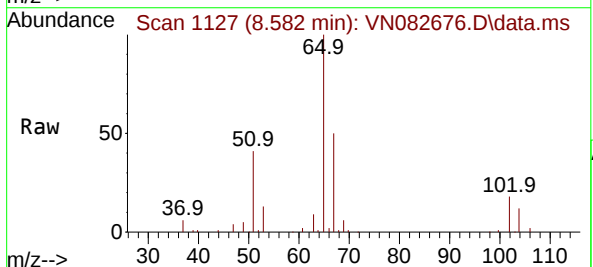
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

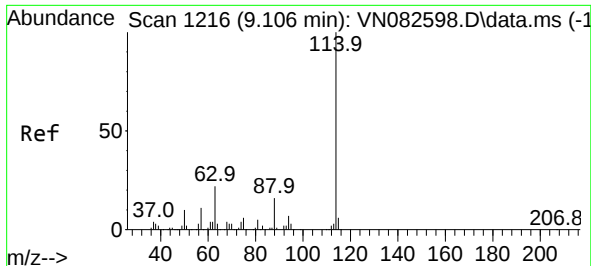
Tgt Ion:168 Resp: 115476
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.876 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082676.D
Acq: 21 Jun 2024 14:09

Tgt Ion: 65 Resp: 109028
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082676.D

Acq: 21 Jun 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL01

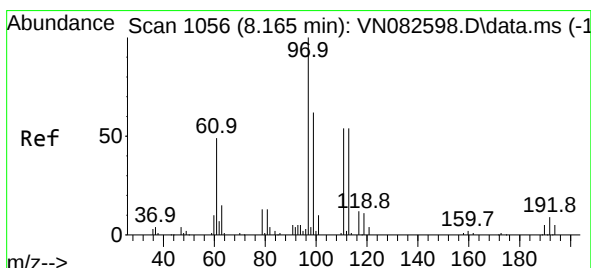
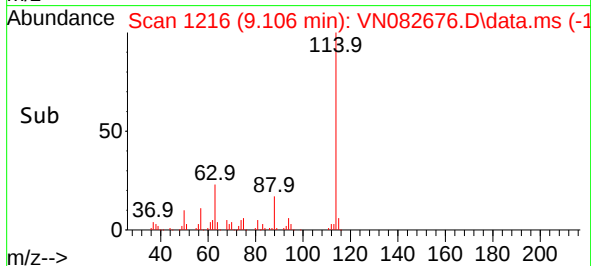
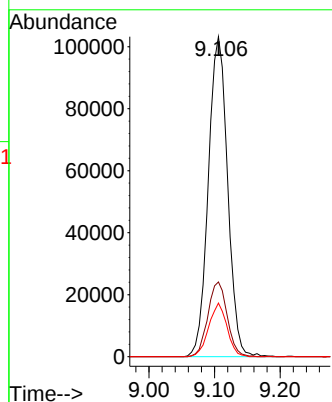
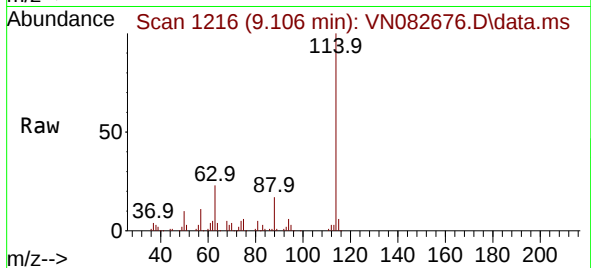
Tgt Ion:114 Resp: 211144

Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.6

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 56.805 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082676.D

Acq: 21 Jun 2024 14:09

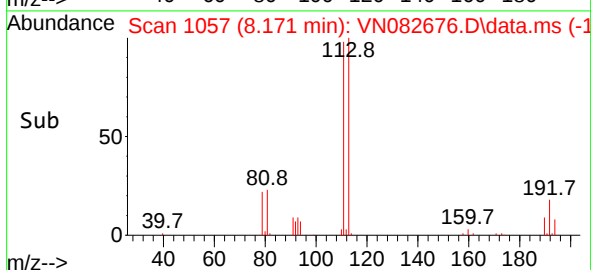
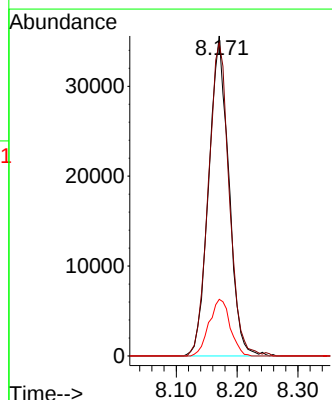
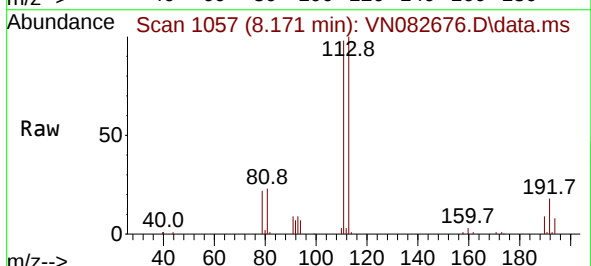
Tgt Ion:113 Resp: 81367

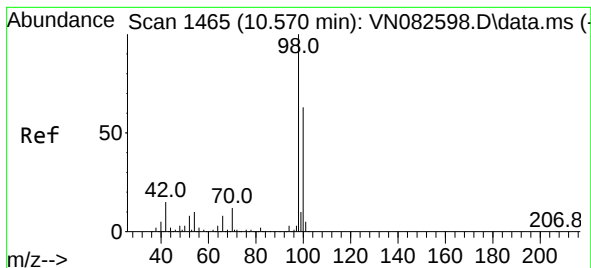
Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 18.6 14.9 22.3

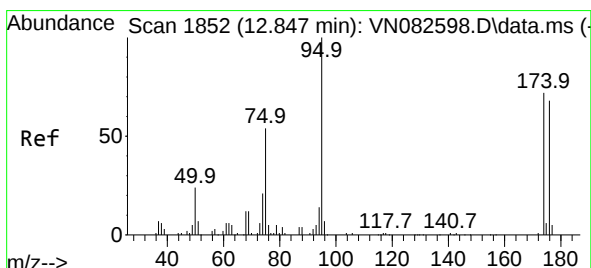
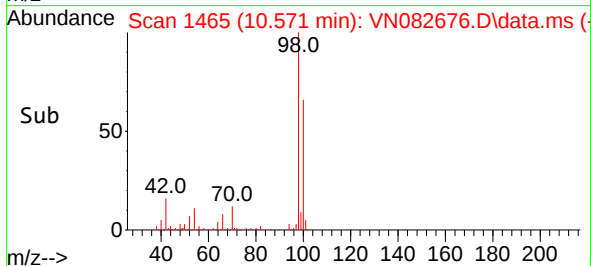
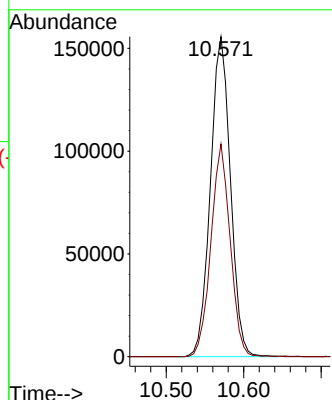
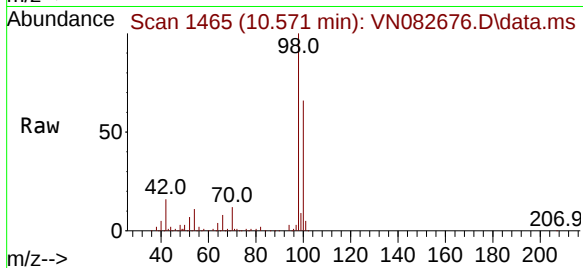




#50
Toluene-d8
Concen: 51.627 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082676.D
Acq: 21 Jun 2024 14:09

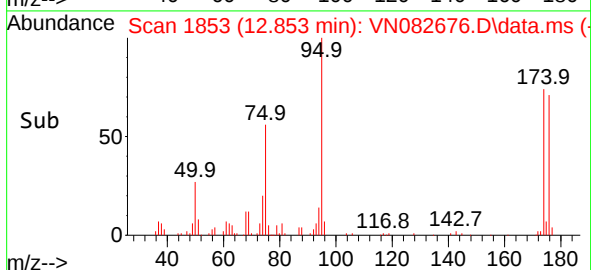
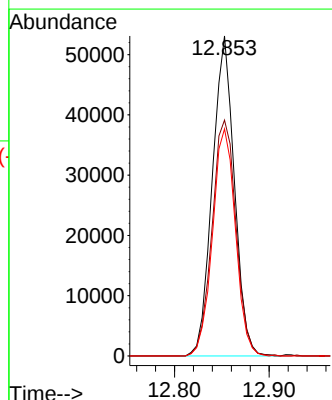
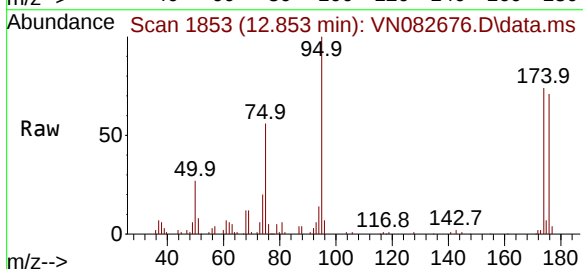
Instrument :
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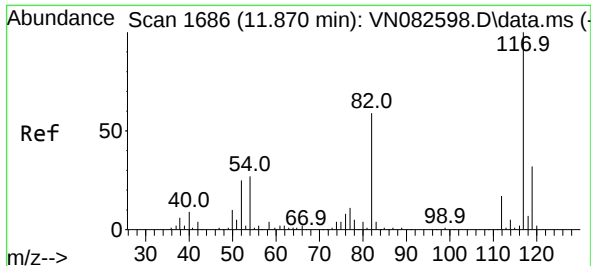
Tgt Ion: 98 Resp: 279653
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.815 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082676.D
Acq: 21 Jun 2024 14:09

Tgt Ion: 95 Resp: 85560
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.2
176 74.1 0.0 147.6

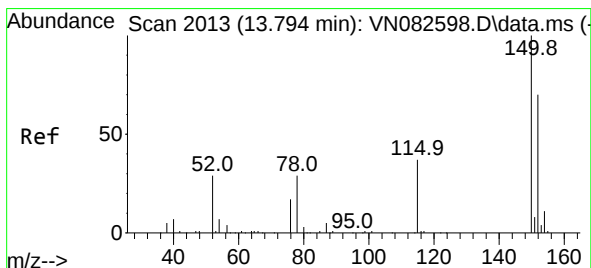
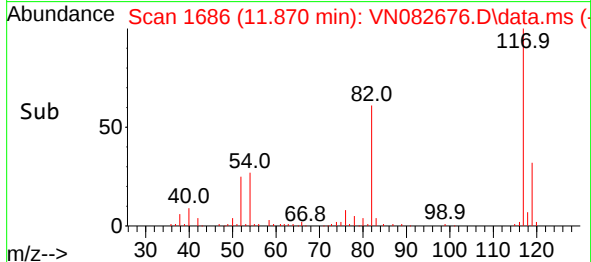
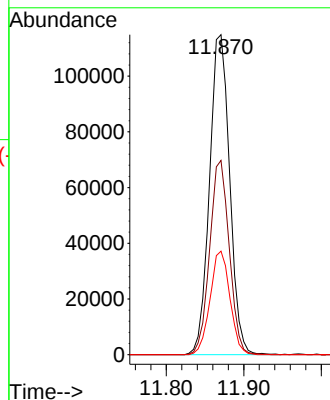
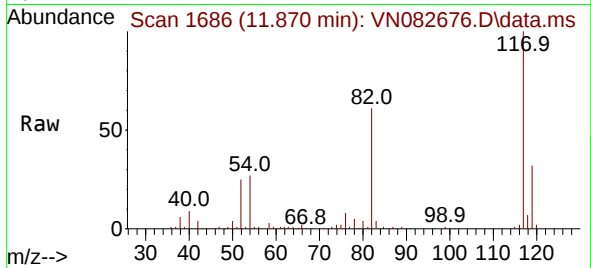




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082676.D
Acq: 21 Jun 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBL01

Tgt Ion:117 Resp: 207851
Ion Ratio Lower Upper
117 100
82 60.7 47.5 71.3
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082676.D
Acq: 21 Jun 2024 14:09

Tgt Ion:152 Resp: 81404
Ion Ratio Lower Upper
152 100
115 58.9 30.6 91.6
150 158.5 0.0 348.6

