

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082670.D
 Acq On : 20 Jun 2024 16:00
 Operator : JC\MD
 Sample : P2993-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 619

Quant Time: Jun 21 02:07:57 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	8.230	168	124473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	225604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114199	57.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.420%
35) Dibromofluoromethane	8.171	113	86564	55.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.780%
50) Toluene-d8	10.571	98	299835	51.189	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.853	95	92627	45.868	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.740%

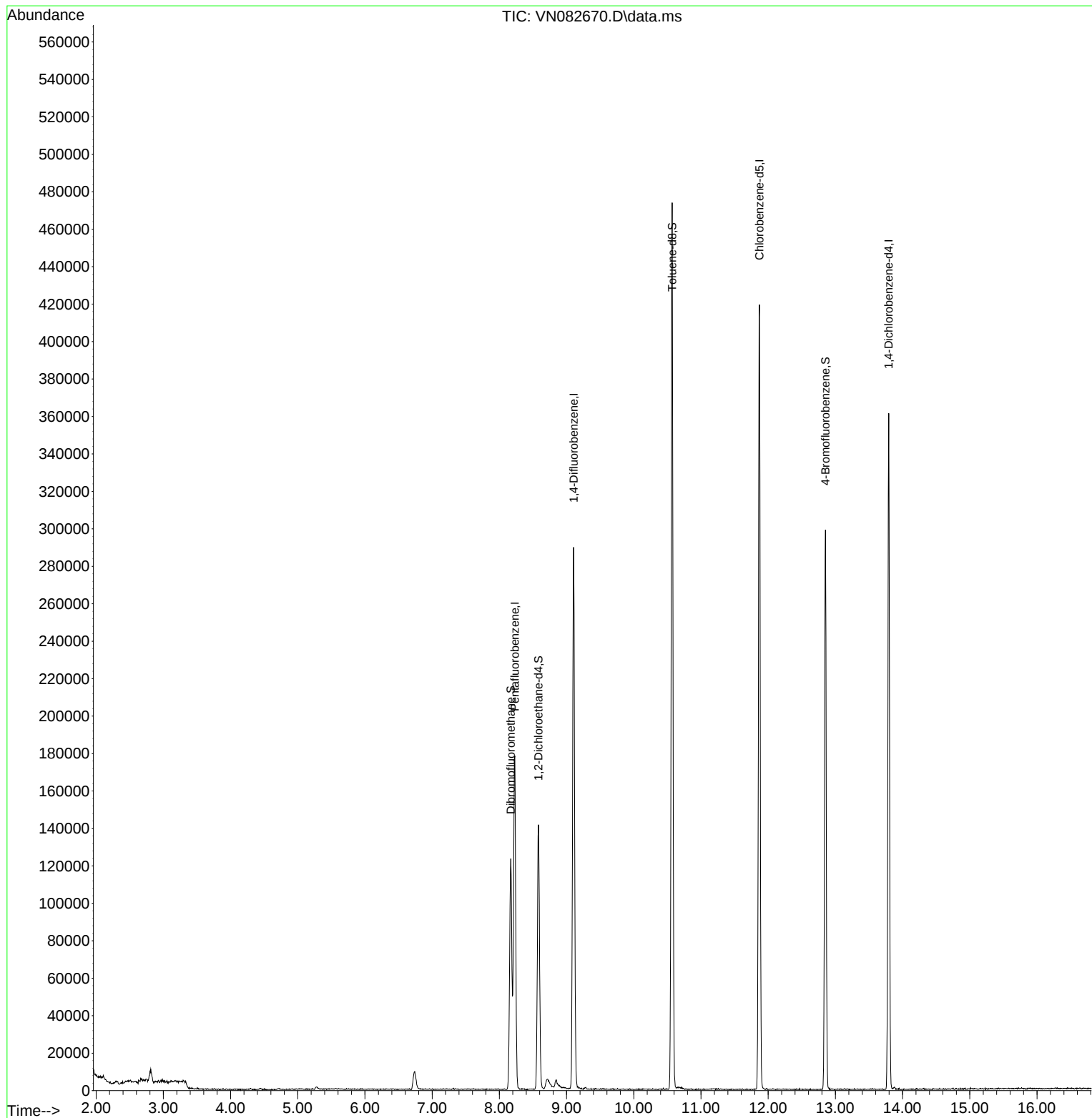
Target Compounds	Qvalue

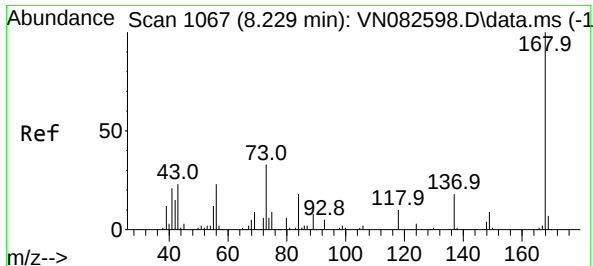
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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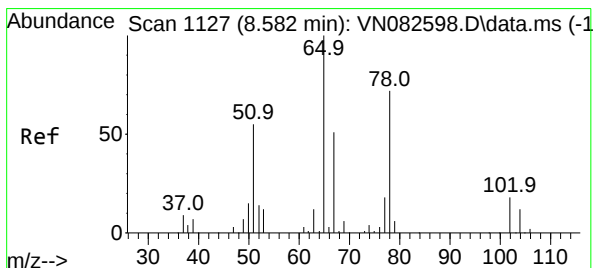
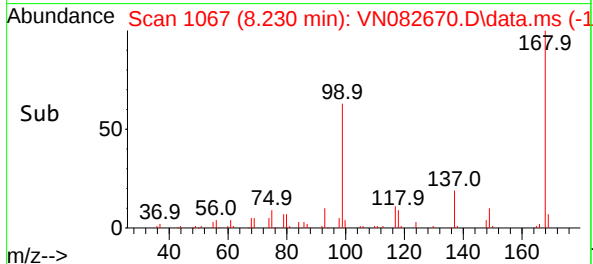
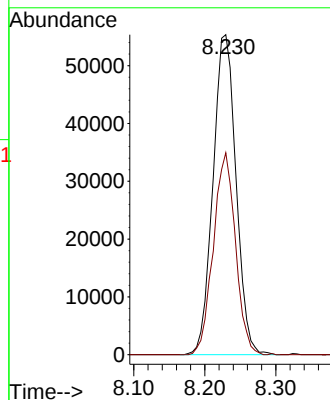
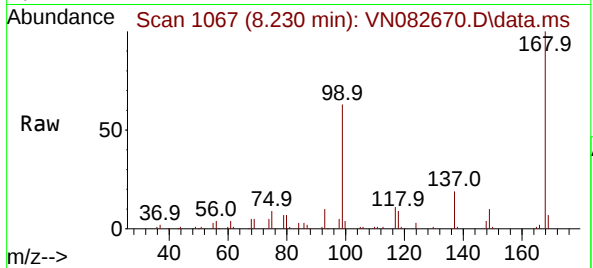




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

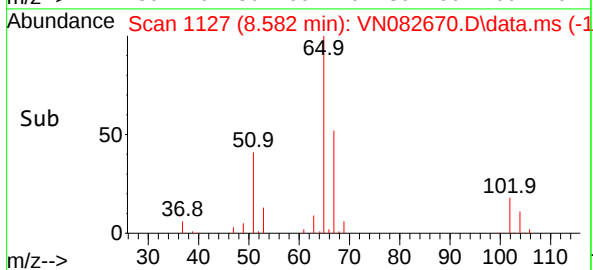
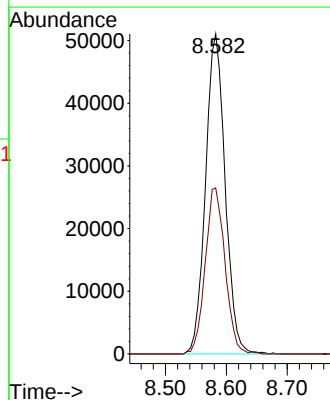
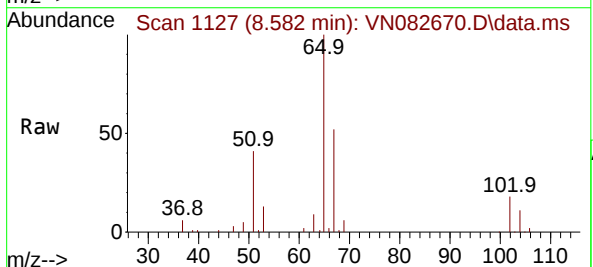
Instrument :
MSVOA_N
ClientSampleId :
619

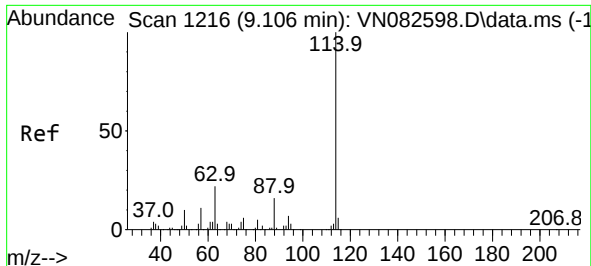
Tgt Ion:168 Resp: 124473
Ion Ratio Lower Upper
168 100
99 63.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.211 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion: 65 Resp: 114199
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4

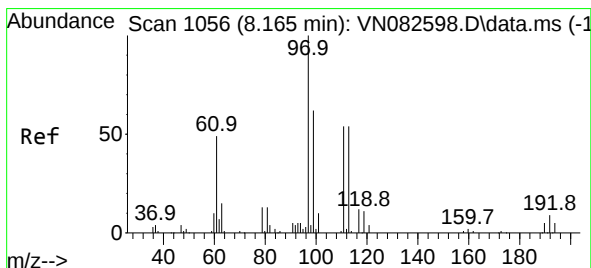
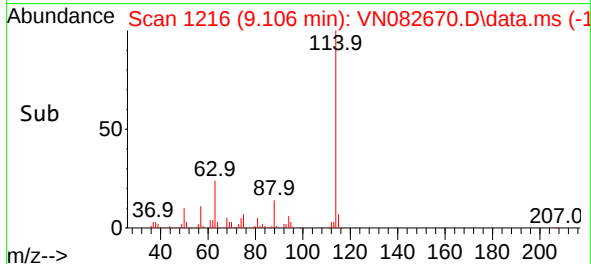
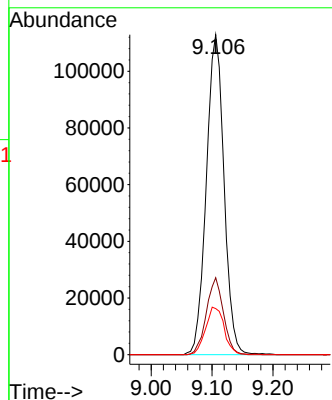
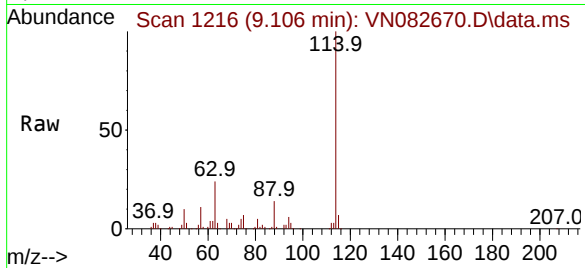




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

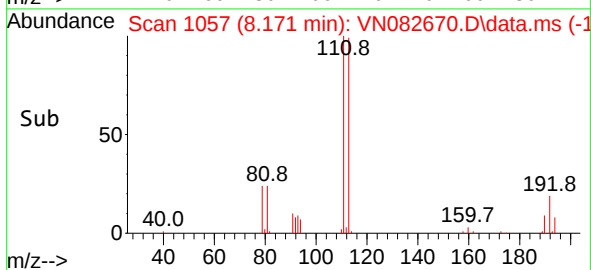
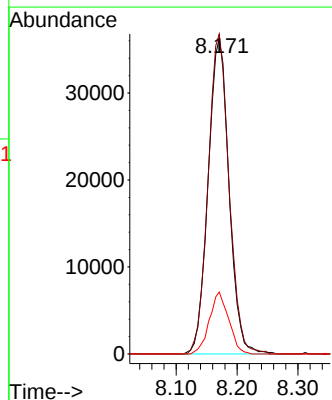
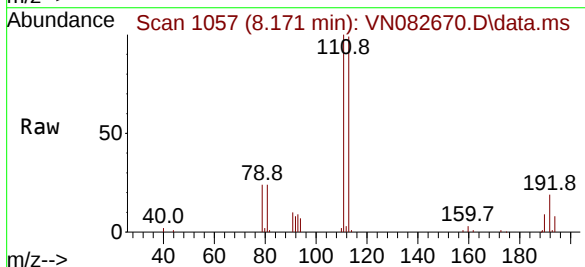
Instrument :
MSVOA_N
ClientSampleId :
619

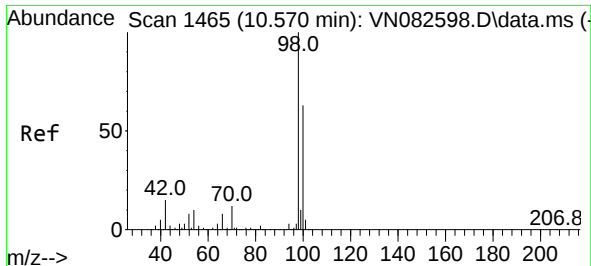
Tgt Ion:114 Resp: 228322
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.6
88 14.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.887 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion:113 Resp: 86564
Ion Ratio Lower Upper
113 100
111 101.4 82.4 123.6
192 18.1 14.9 22.3

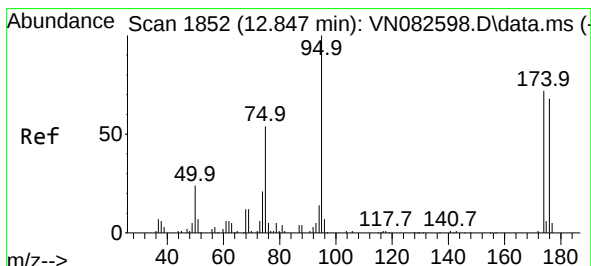
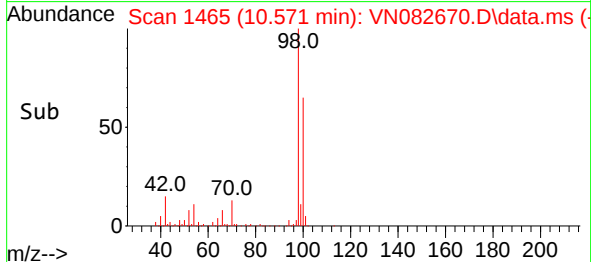
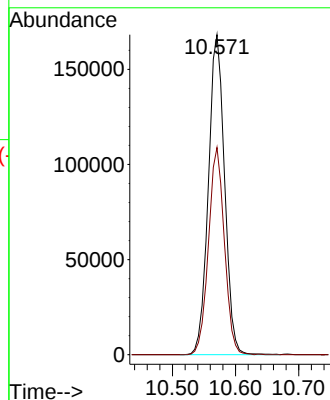
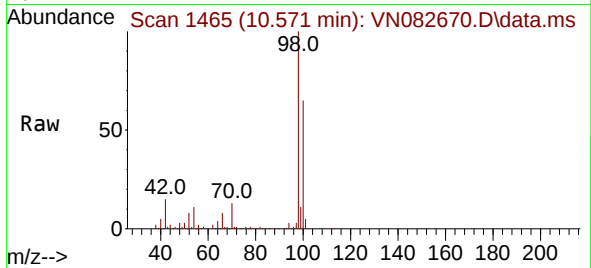




#50
Toluene-d8
Concen: 51.189 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

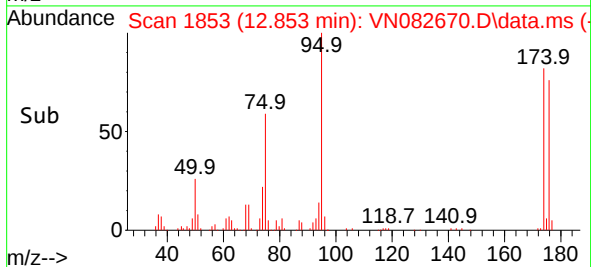
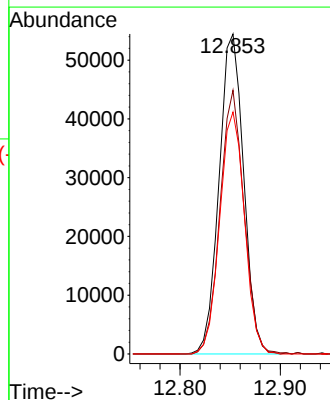
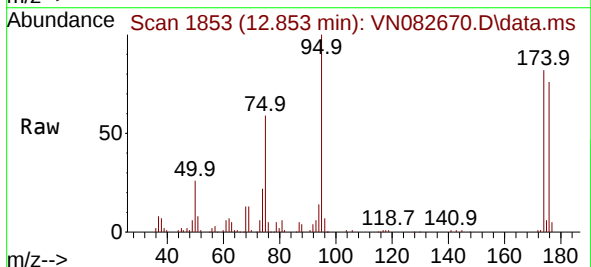
Instrument :
MSVOA_N
ClientSampleId :
619

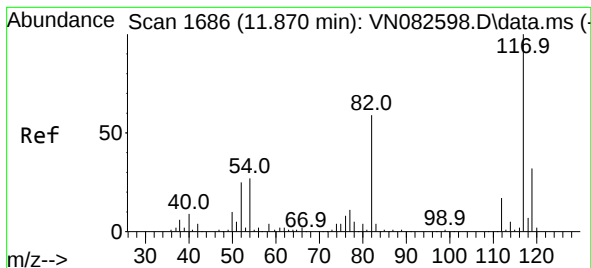
Tgt Ion: 98 Resp: 299835
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.868 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082670.D
Acq: 20 Jun 2024 16:00

Tgt Ion: 95 Resp: 92627
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.2
176 76.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082670.D

Acq: 20 Jun 2024 16:00

Instrument :

MSVOA_N

ClientSampleId :

619

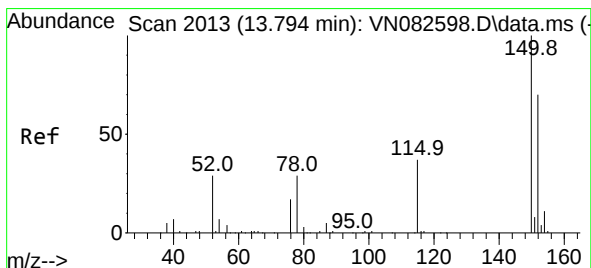
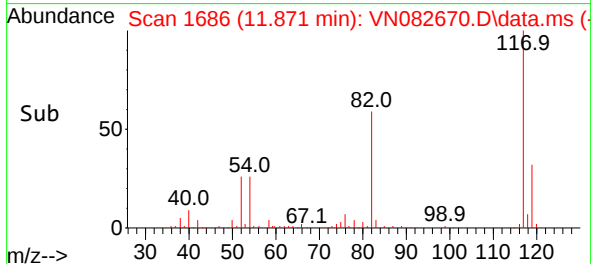
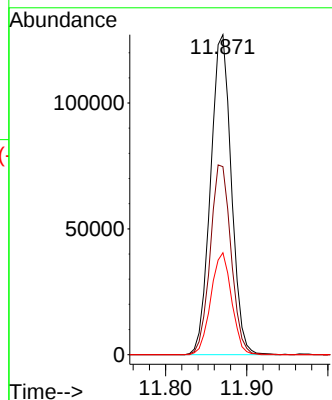
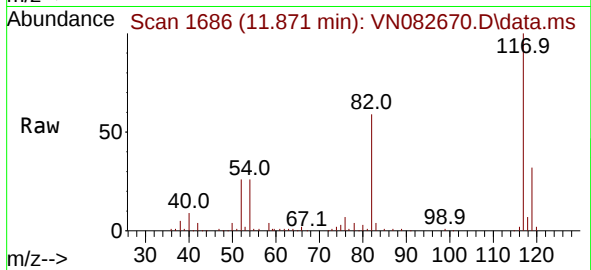
Tgt Ion:117 Resp: 225604

Ion Ratio Lower Upper

117 100

82 58.7 47.5 71.3

119 31.9 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: VN082670.D

Acq: 20 Jun 2024 16:00

Tgt Ion:152 Resp: 89361

Ion Ratio Lower Upper

152 100

115 60.0 30.6 91.6

150 157.5 0.0 348.6

