

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082621.D
 Acq On : 18 Jun 2024 10:17
 Operator : JC\MD
 Sample : VN0618MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618MBL01

Quant Time: Jun 19 00:51:34 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	133372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	116681	54.554	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.100%
35) Dibromofluoromethane	8.171	113	85525	52.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.840%
50) Toluene-d8	10.571	98	310501	50.326	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.853	95	101737	47.828	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.660%

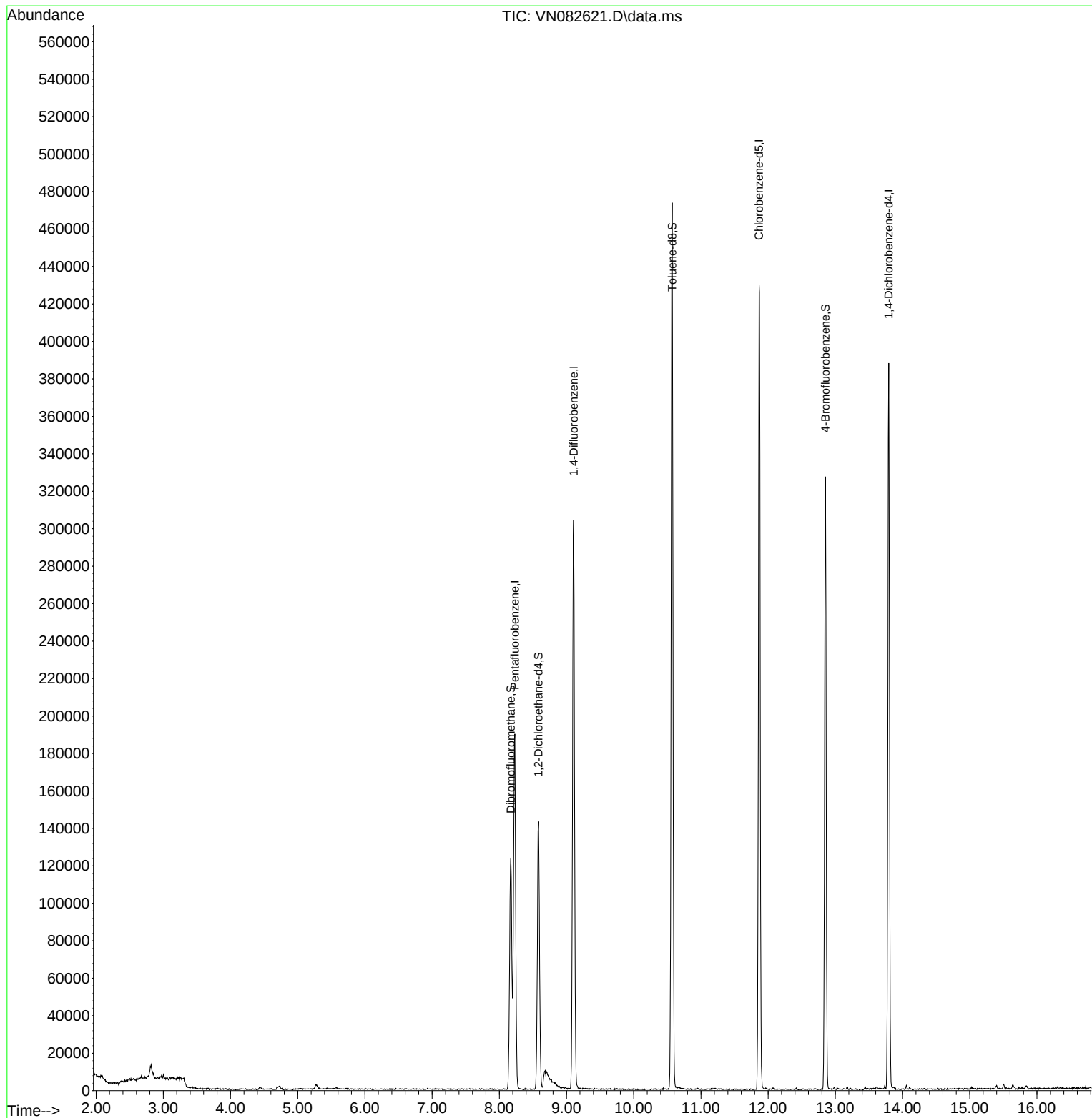
Target Compounds	Qvalue

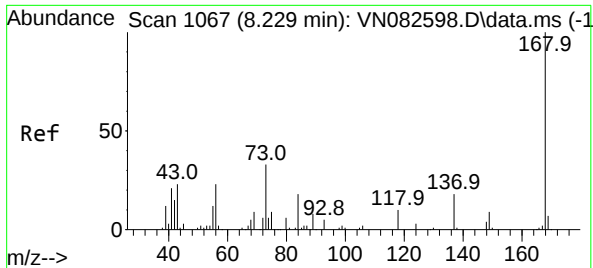
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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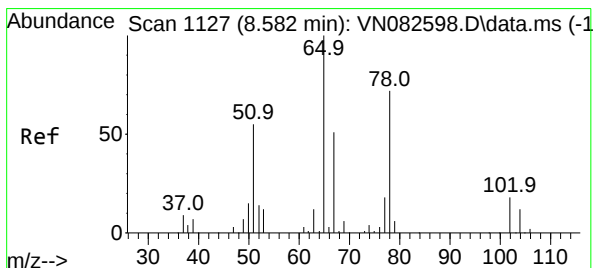
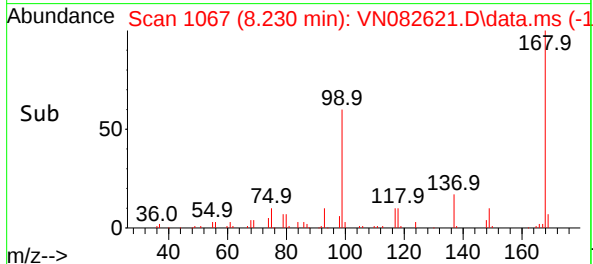
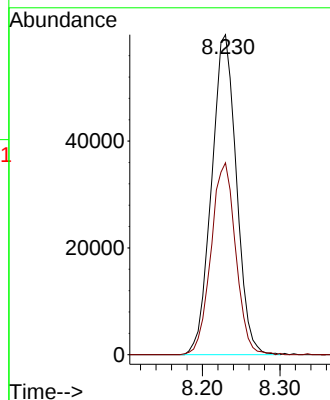
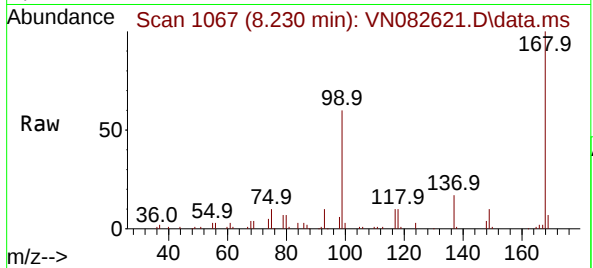




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

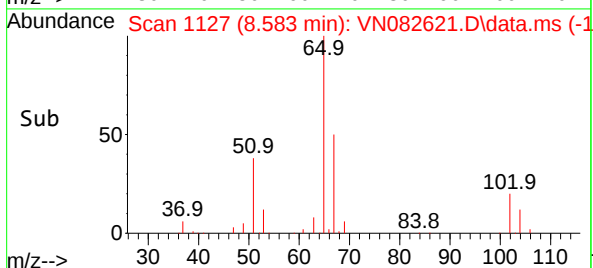
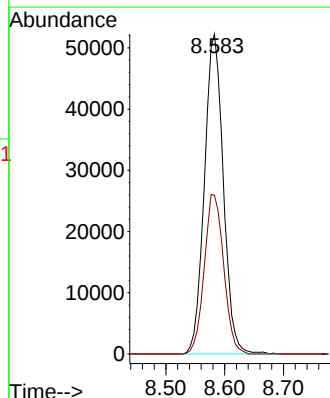
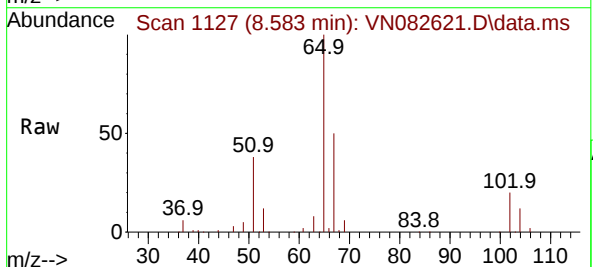
Instrument :
MSVOA_N
ClientSampleId :
VN0618MBL01

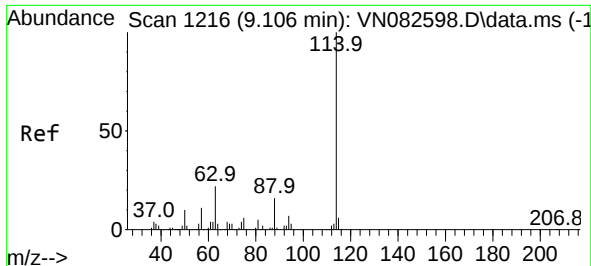
Tgt Ion:168 Resp: 133372
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.554 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion: 65 Resp: 116681
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4

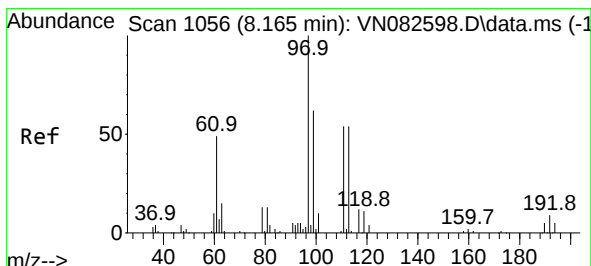
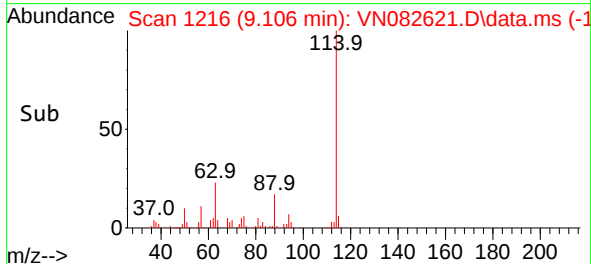
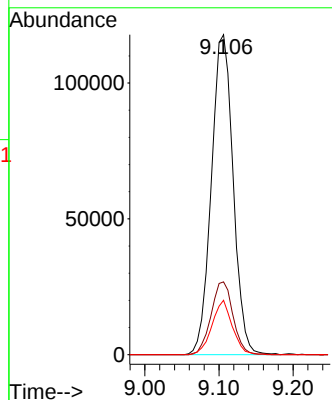
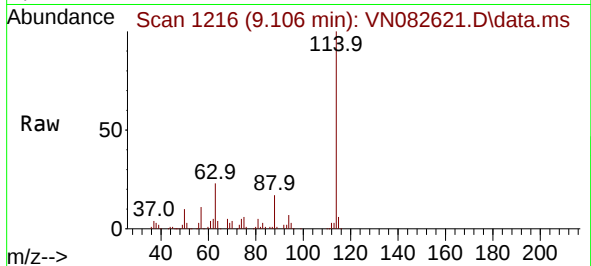




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

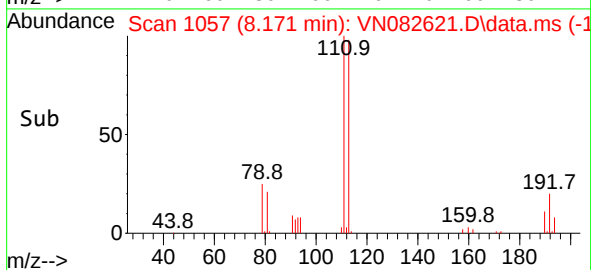
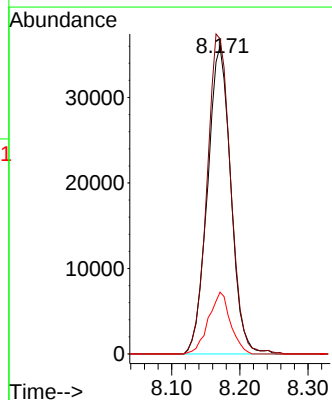
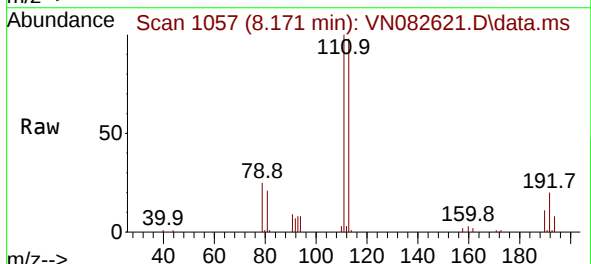
Instrument :
MSVOA_N
ClientSampleId :
VN0618MBL01

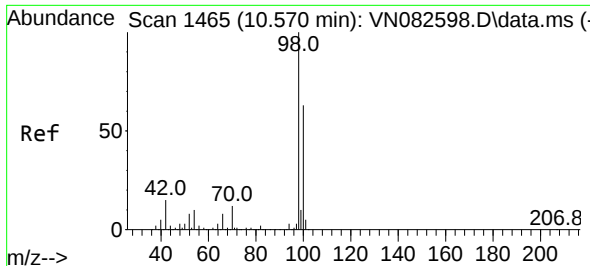
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.6
88	17.0	0.0	31.4



#35
Dibromofluoromethane
Concen: 52.420 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.4	123.6
192	18.9	14.9	22.3

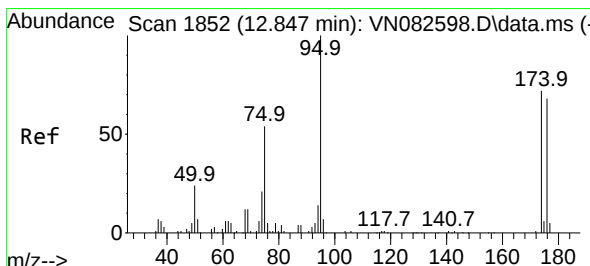
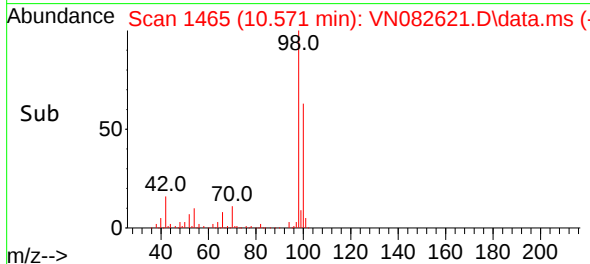
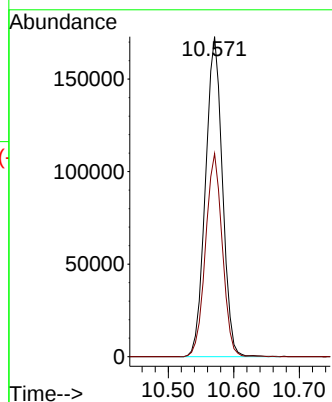
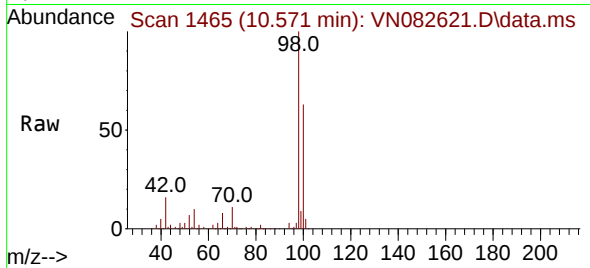




#50
Toluene-d8
Concen: 50.326 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

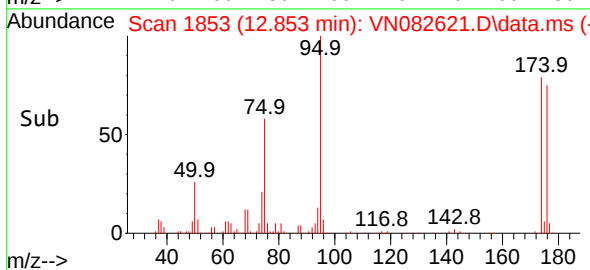
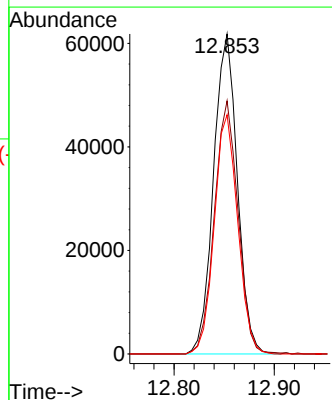
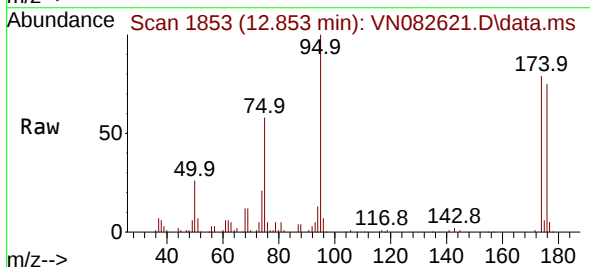
Instrument :
MSVOA_N
ClientSampleId :
VN0618MBL01

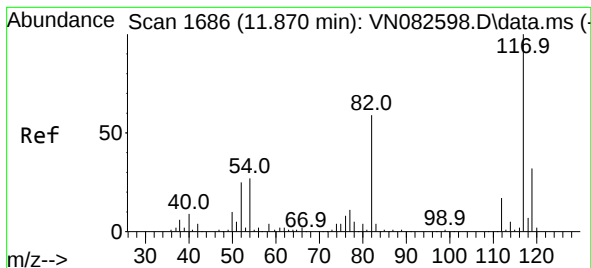
Tgt Ion: 98 Resp: 310501
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.828 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082621.D
Acq: 18 Jun 2024 10:17

Tgt Ion: 95 Resp: 101737
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 73.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN082621.D

Acq: 18 Jun 2024 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN0618MBL01

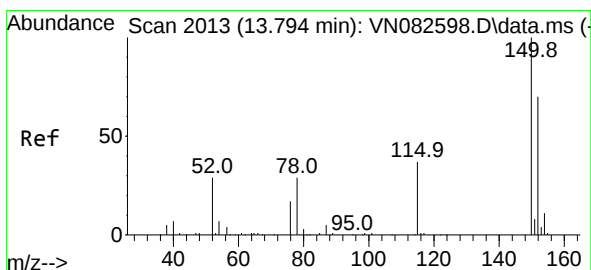
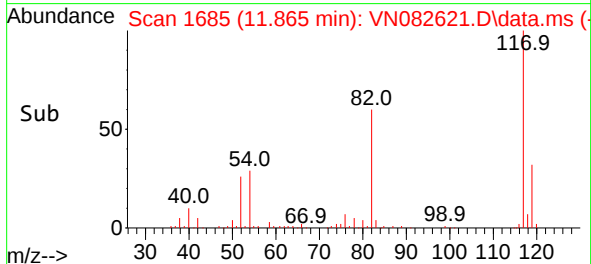
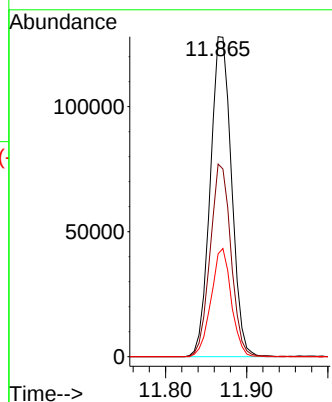
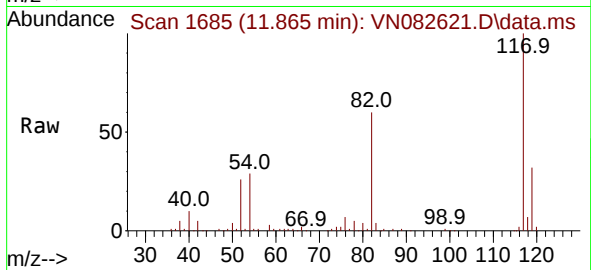
Tgt Ion:117 Resp: 232668

Ion Ratio Lower Upper

117 100

82 60.2 47.5 71.3

119 32.2 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: VN082621.D

Acq: 18 Jun 2024 10:17

Tgt Ion:152 Resp: 97472

Ion Ratio Lower Upper

152 100

115 60.0 30.6 91.6

150 156.3 0.0 348.6

