

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061824\
 Data File : VN082622.D
 Acq On : 18 Jun 2024 10:41
 Operator : JC\MD
 Sample : VN0618WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Quant Time: Jun 19 00:52:01 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	132252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	242026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120500	56.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.640%
35) Dibromofluoromethane	8.171	113	87845	53.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.120%
50) Toluene-d8	10.570	98	314491	50.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.853	95	104722	48.515	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.040%

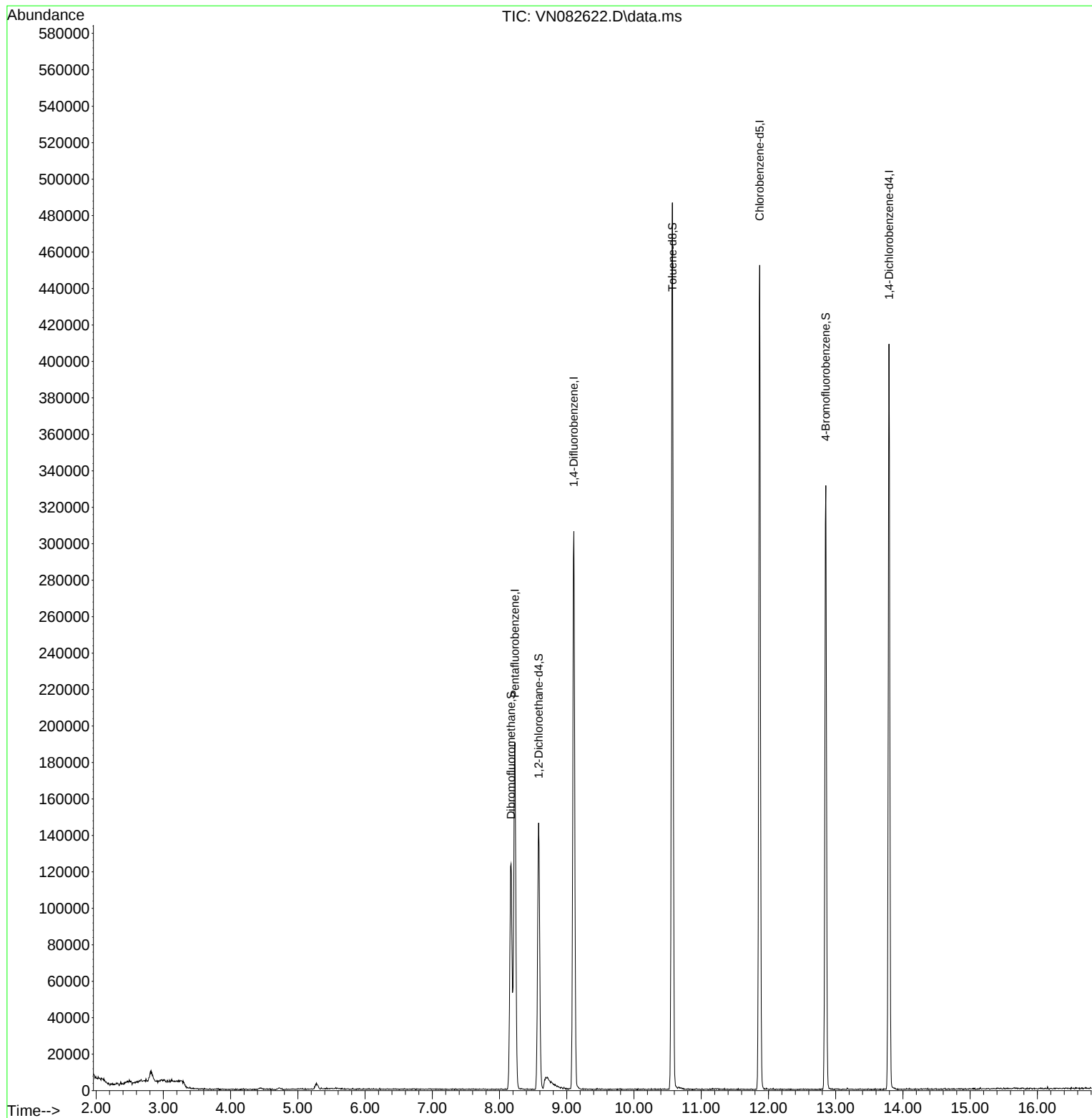
Target Compounds	Qvalue

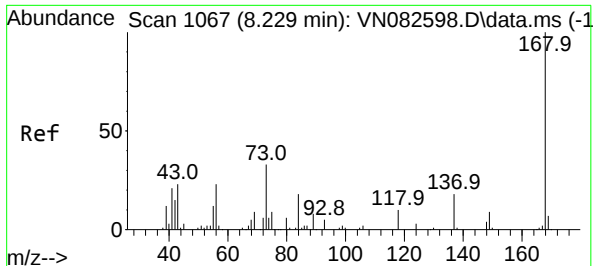
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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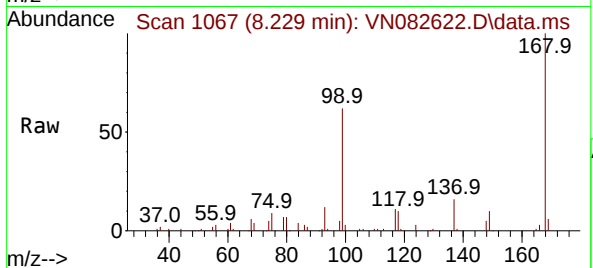
Quant Time: Jun 19 00:52:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
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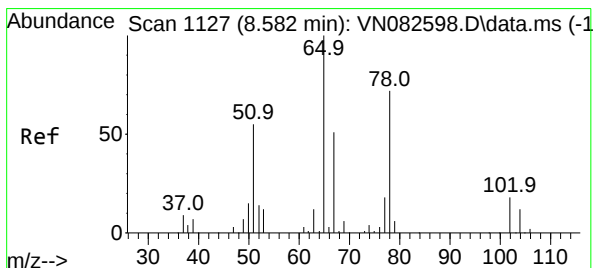
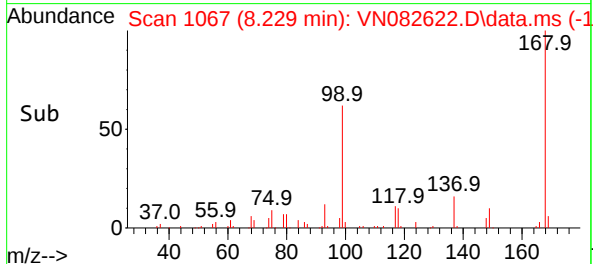
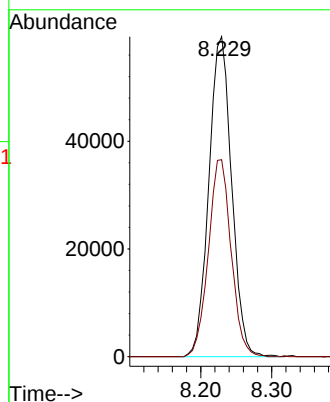


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

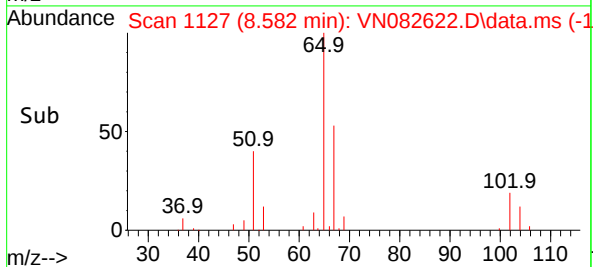
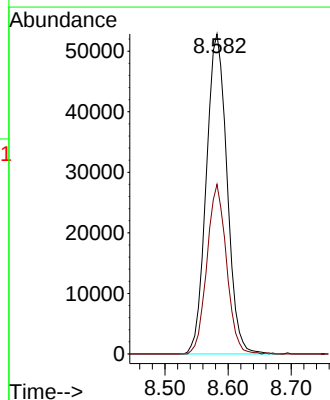
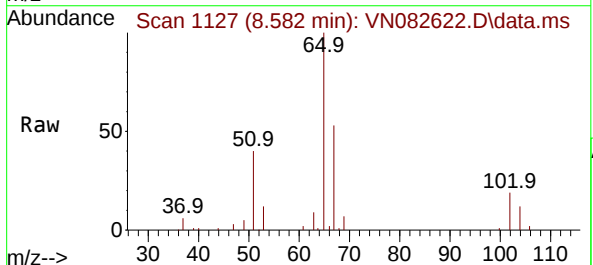


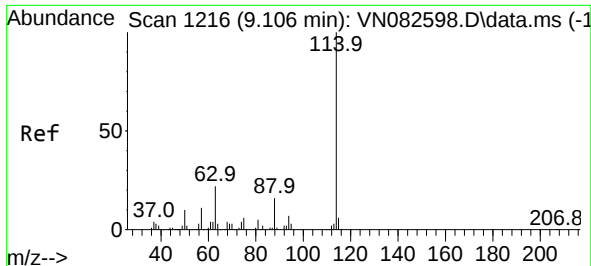
Tgt Ion:168 Resp: 132252
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.817 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion: 65 Resp: 120500
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 111

Delta R.T. 0.000 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBL01

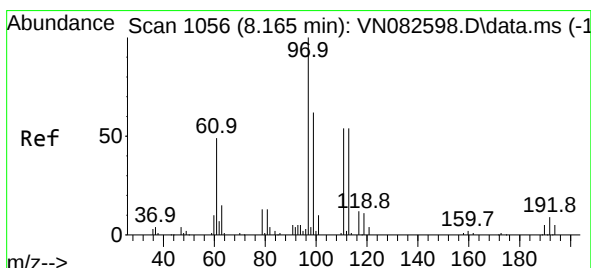
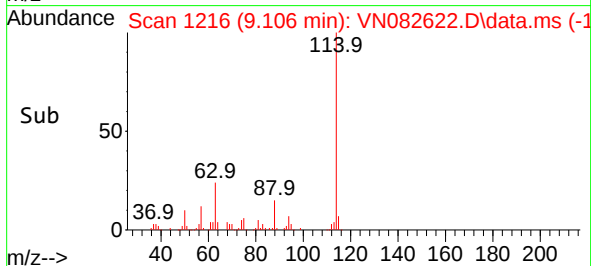
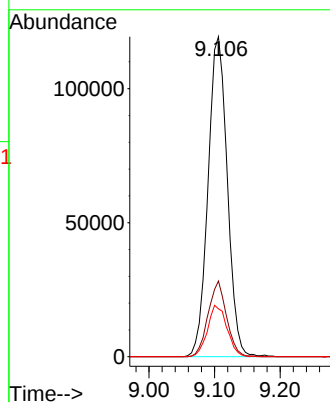
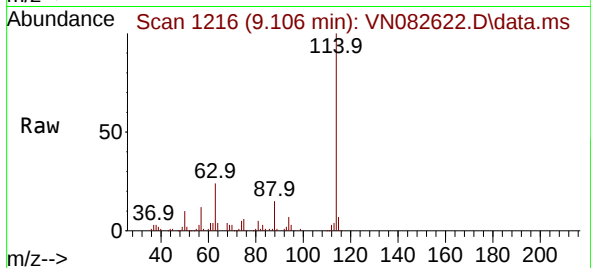
Tgt Ion:114 Resp: 244048

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 15.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.059 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

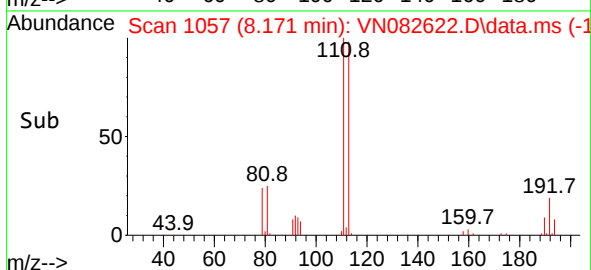
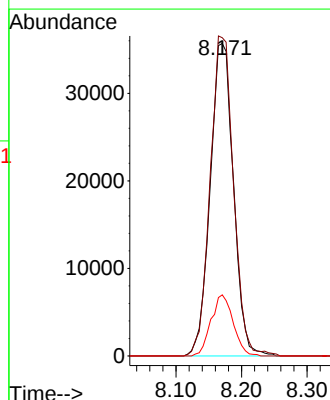
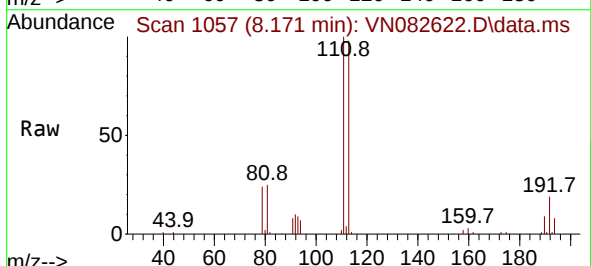
Tgt Ion:113 Resp: 87845

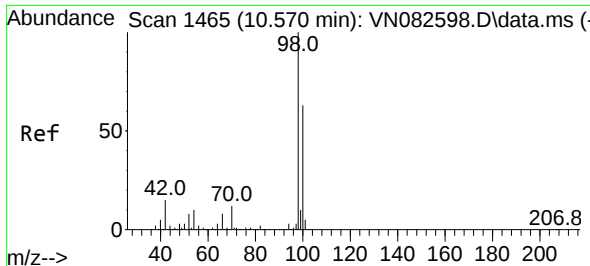
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 18.6 14.9 22.3

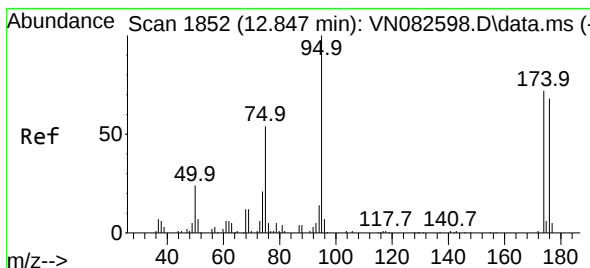
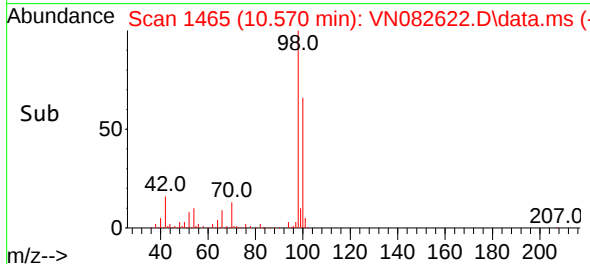
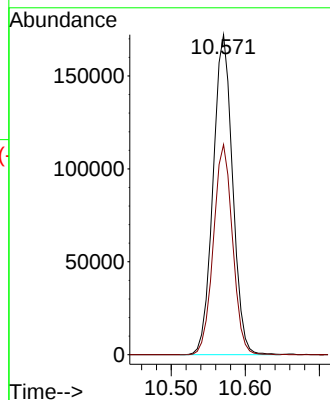
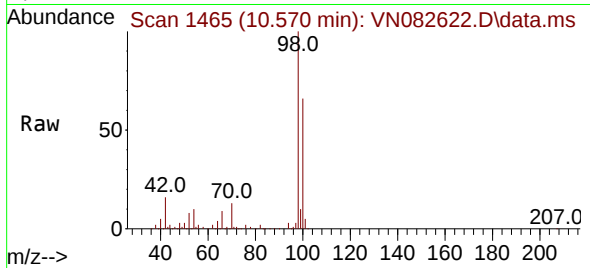




#50
Toluene-d8
Concen: 50.231 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

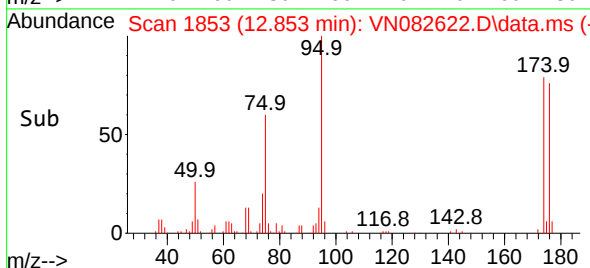
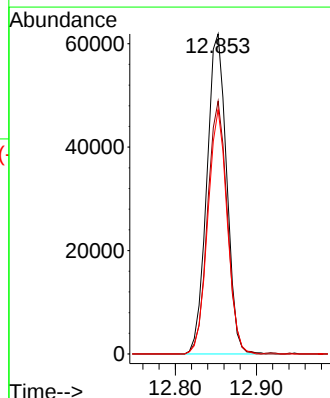
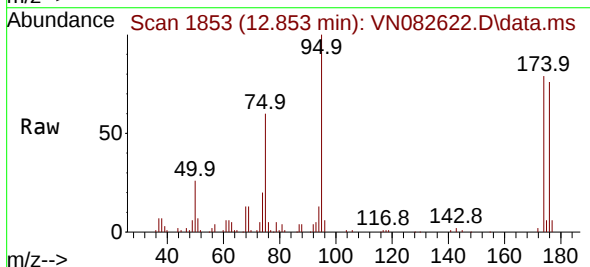
Instrument :
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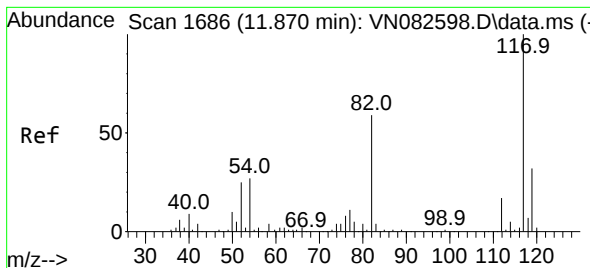
Tgt Ion: 98 Resp: 314491
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.515 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082622.D
Acq: 18 Jun 2024 10:41

Tgt Ion: 95 Resp: 104722
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 74.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082622.D

Acq: 18 Jun 2024 10:41

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBL01

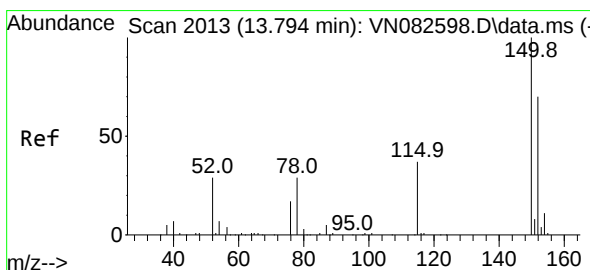
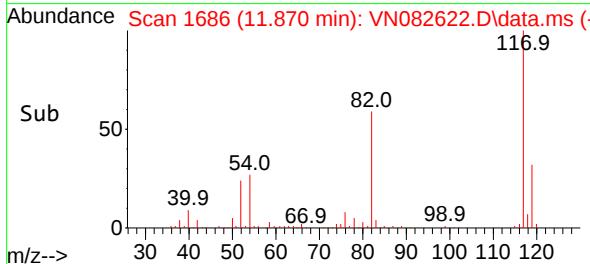
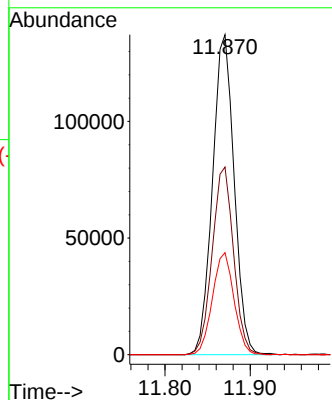
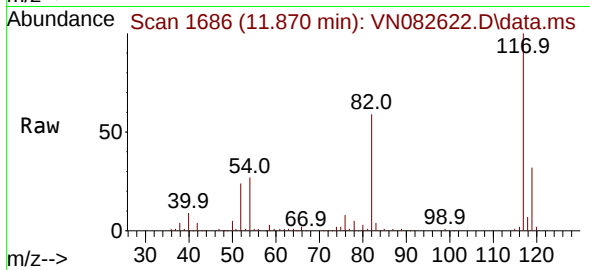
Tgt Ion:117 Resp: 242026

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: VN082622.D

Acq: 18 Jun 2024 10:41

Tgt Ion:152 Resp: 100116

Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.6

150 159.2 0.0 348.6

