

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082742.D
 Acq On : 28 Jun 2024 11:02
 Operator : JC\MD
 Sample : VN0628WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBL01

Quant Time: Jun 28 23:01:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	75382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	143044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	137987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	54272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	64434	55.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.860%
35) Dibromofluoromethane	8.165	113	52212	55.439	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.880%
50) Toluene-d8	10.570	98	185039	52.537	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.080%
62) 4-Bromofluorobenzene	12.853	95	57342	47.408	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.820%

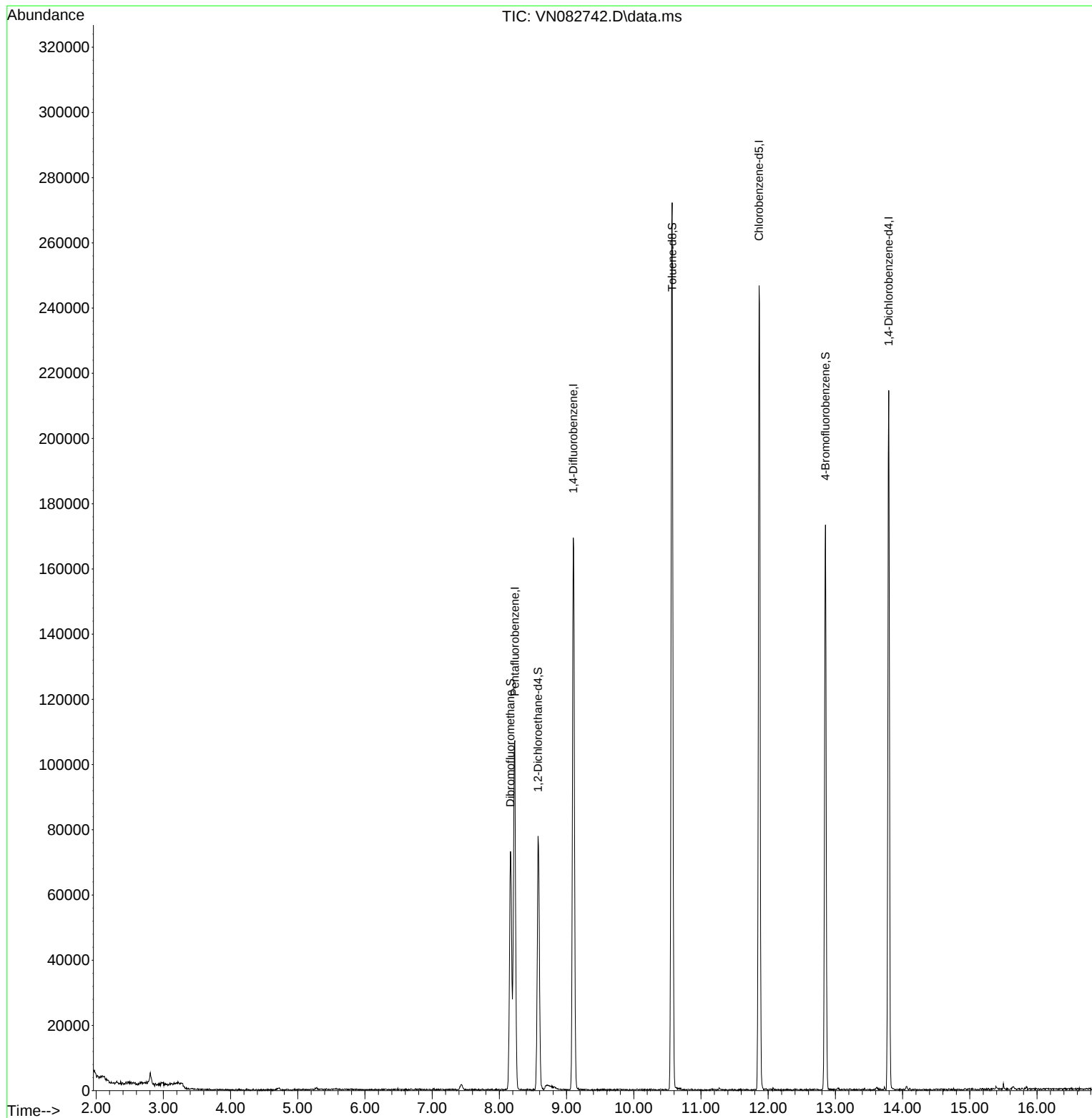
Target Compounds	Qvalue

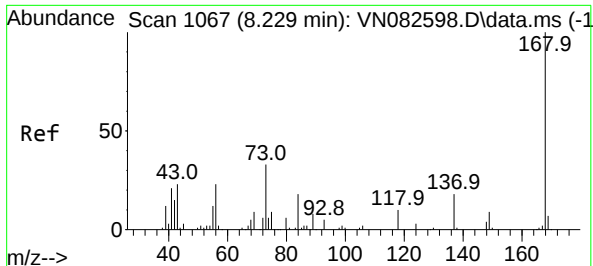
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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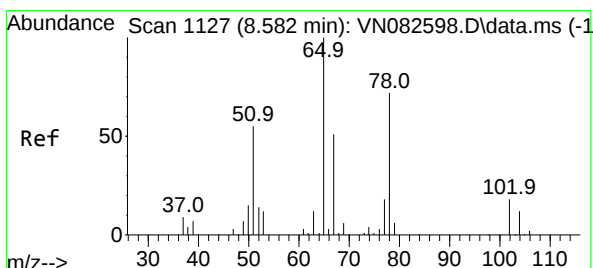
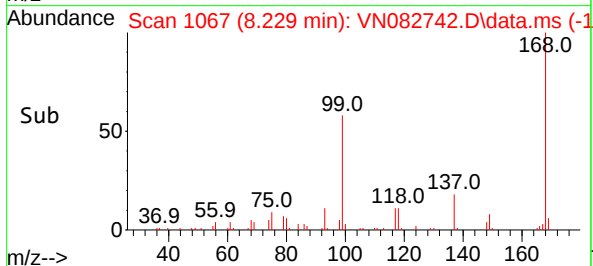
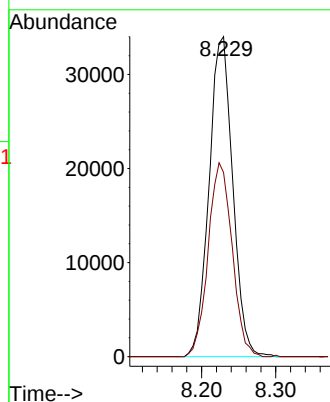
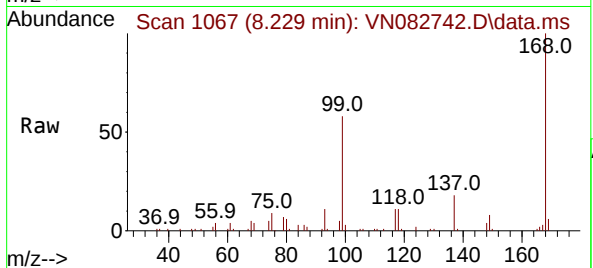




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082742.D
Acq: 28 Jun 2024 11:02

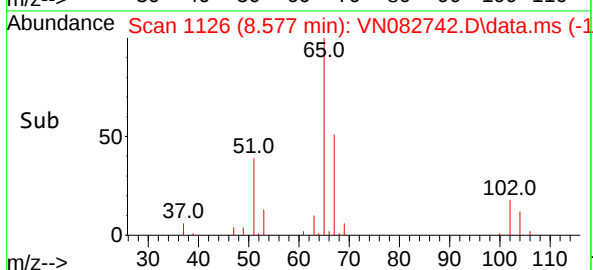
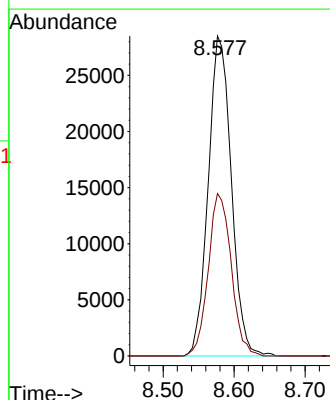
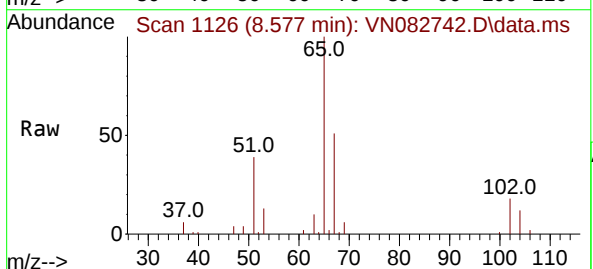
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

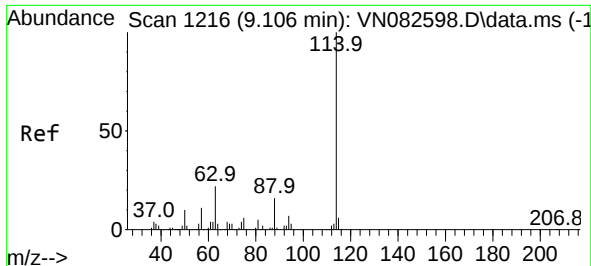
Tgt Ion:168 Resp: 75382
Ion Ratio Lower Upper
168 100
99 57.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.427 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082742.D
Acq: 28 Jun 2024 11:02

Tgt Ion: 65 Resp: 64434
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

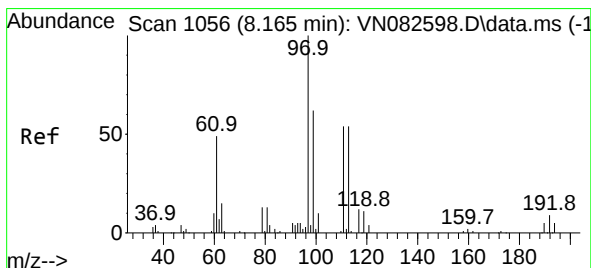
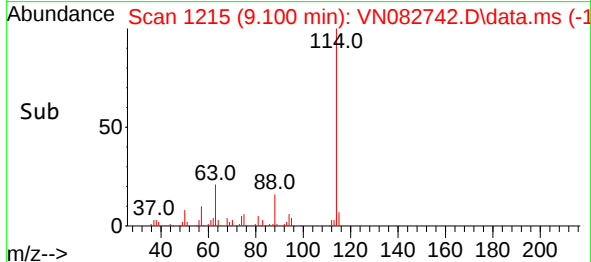
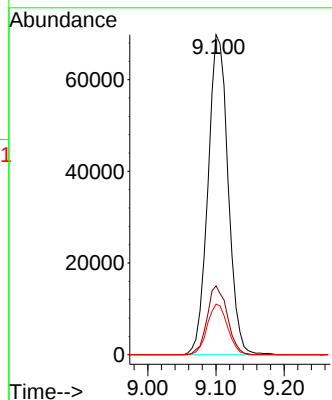
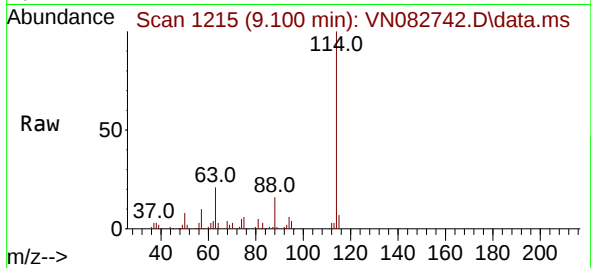




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082742.D
Acq: 28 Jun 2024 11:02

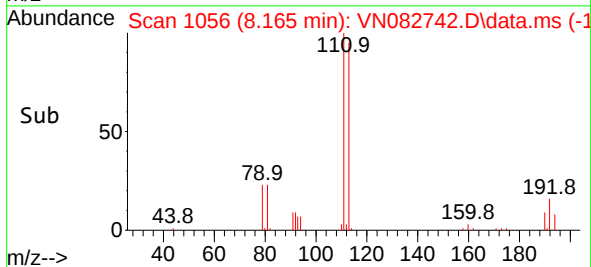
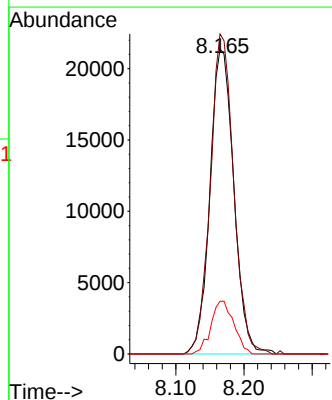
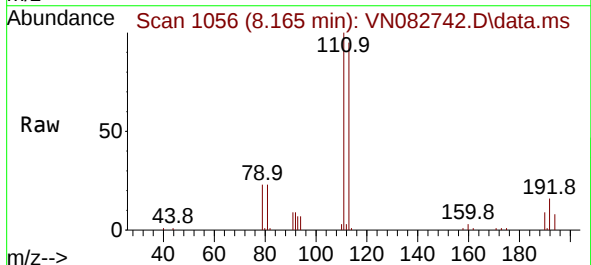
Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

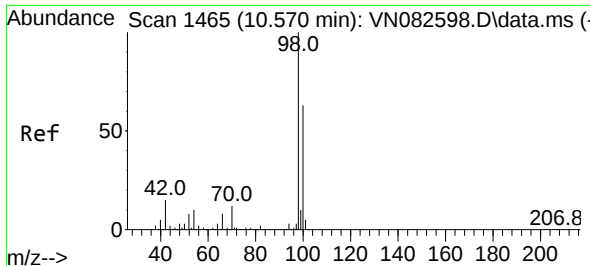
Tgt Ion:114 Resp: 143044
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.6
88 15.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.439 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082742.D
Acq: 28 Jun 2024 11:02

Tgt Ion:113 Resp: 52212
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 16.6 14.9 22.3

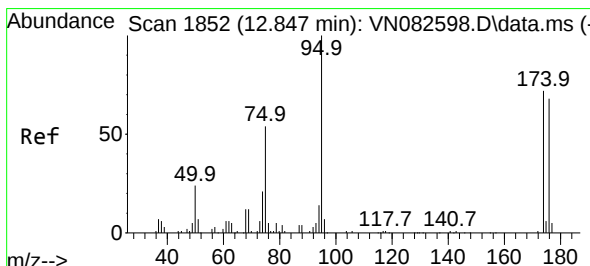
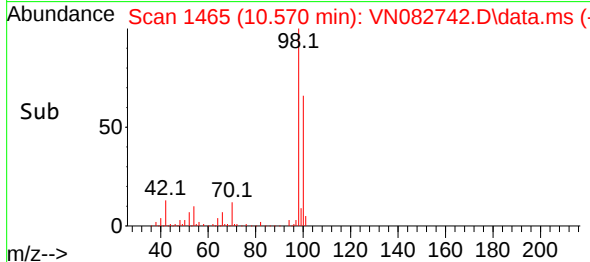
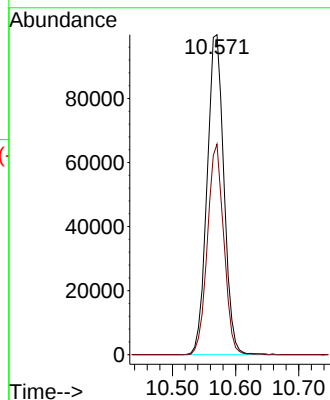
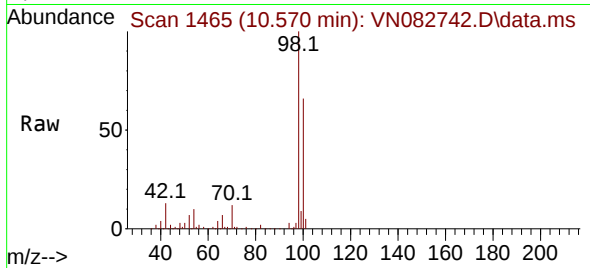




#50
Toluene-d8
Concen: 52.537 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082742.D
Acq: 28 Jun 2024 11:02

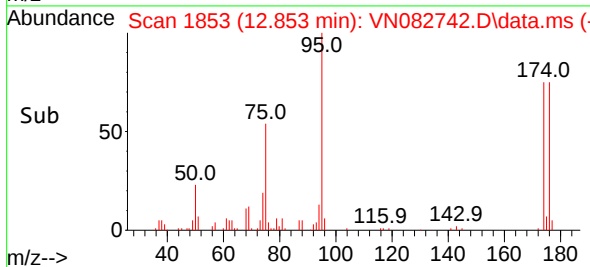
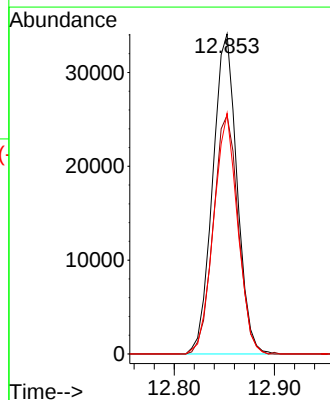
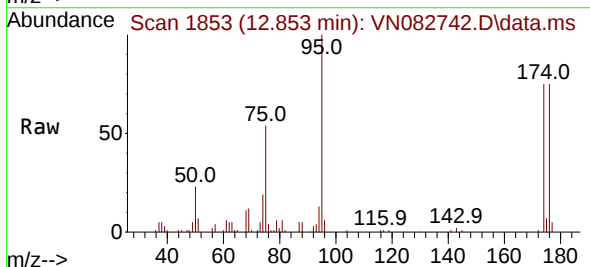
Instrument :
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ClientSampleId :
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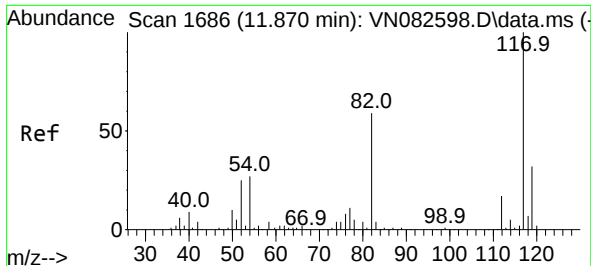
Tgt Ion: 98 Resp: 185039
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.408 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082742.D
Acq: 28 Jun 2024 11:02

Tgt Ion: 95 Resp: 57342
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.2
176 74.3 0.0 147.6

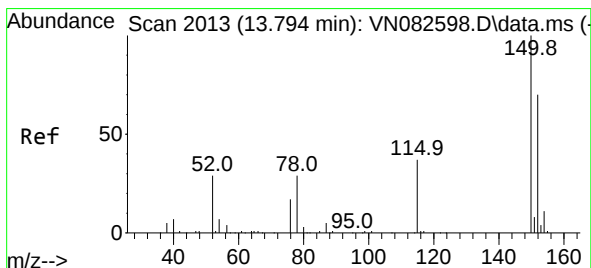
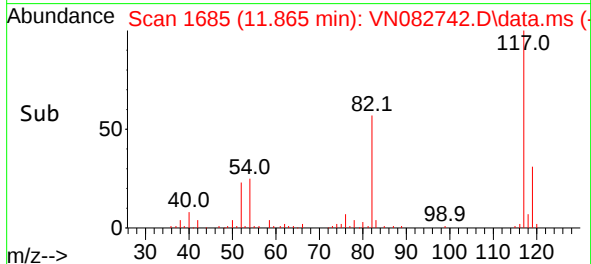
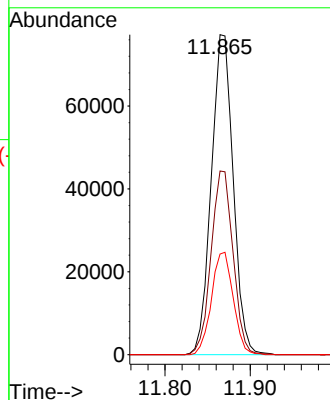
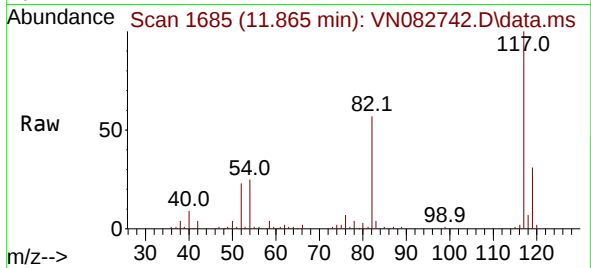




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082742.D
Acq: 28 Jun 2024 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN0628WBL01

Tgt Ion:117 Resp: 137987
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 31.4 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: VN082742.D
Acq: 28 Jun 2024 11:02

Tgt Ion:152 Resp: 54272
Ion Ratio Lower Upper
152 100
115 62.2 30.6 91.6
150 158.8 0.0 348.6

