

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082916.D
 Acq On : 15 Jul 2024 13:48
 Operator : JC\MD
 Sample : VN0715MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715MBL01

Quant Time: Jul 16 01:23:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	86530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	165154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	161775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	75189	61.987	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	123.980%
35) Dibromofluoromethane	8.171	113	60229	56.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.660%
50) Toluene-d8	10.570	98	211406	54.010	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.853	95	69342	49.318	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.640%

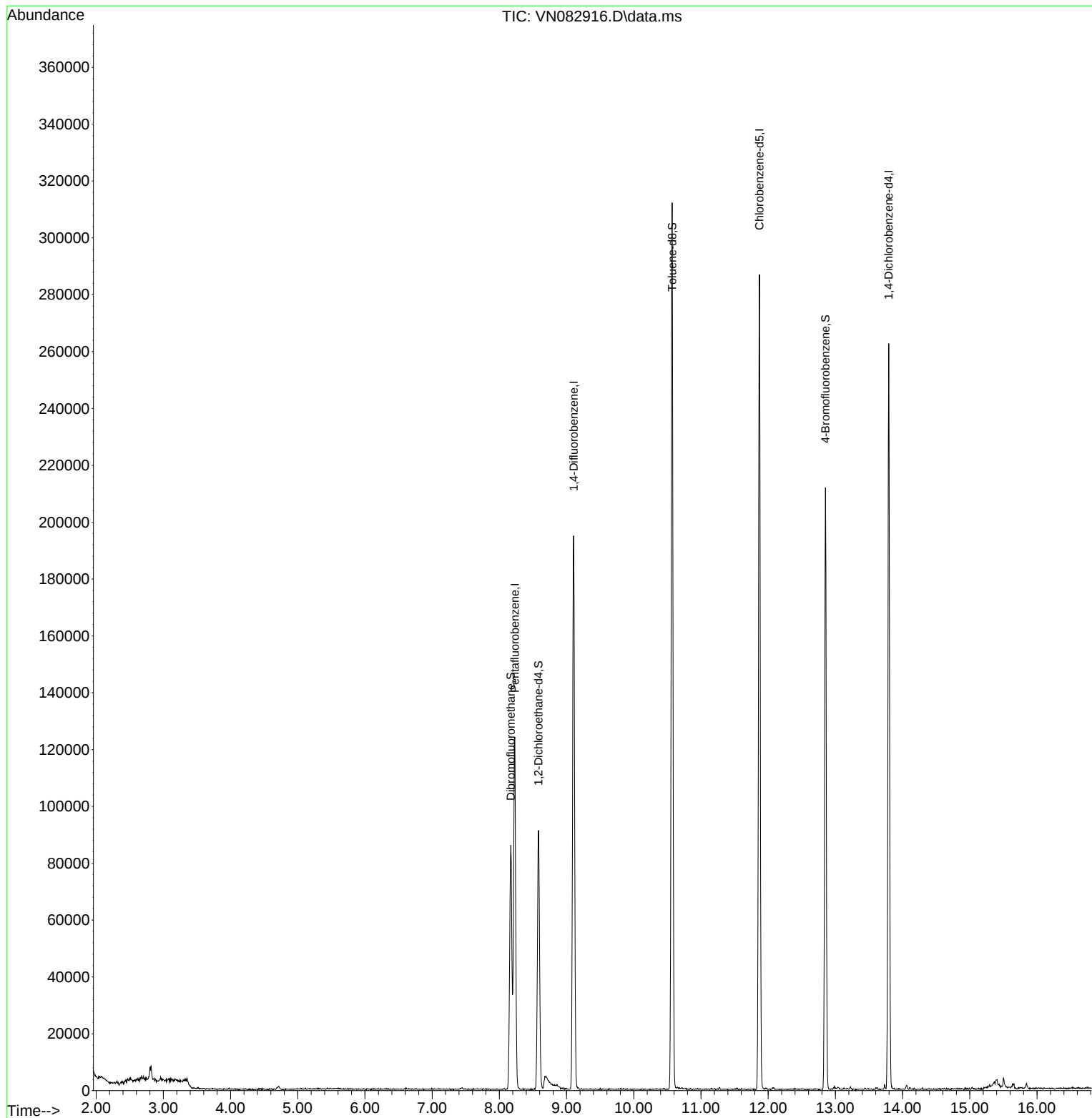
Target Compounds	Qvalue

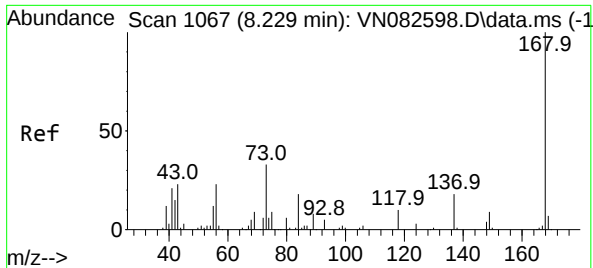
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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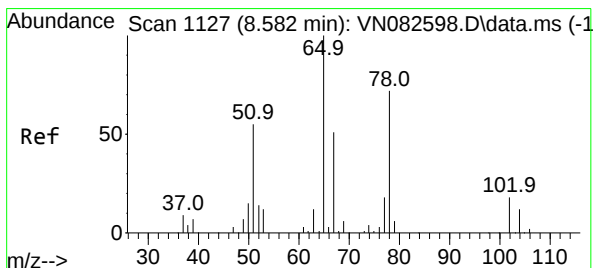
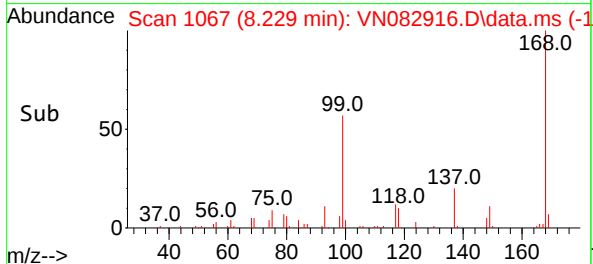
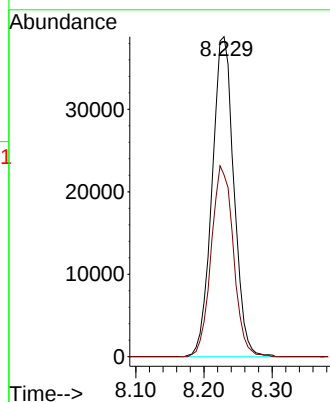
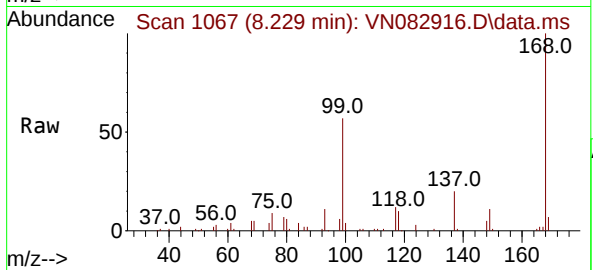




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

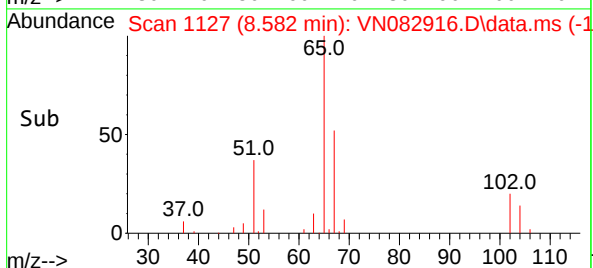
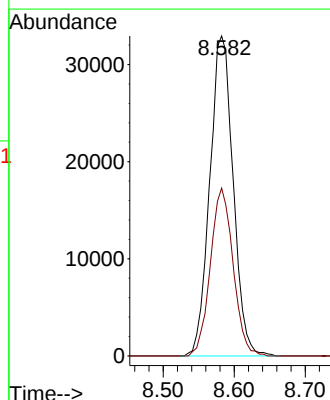
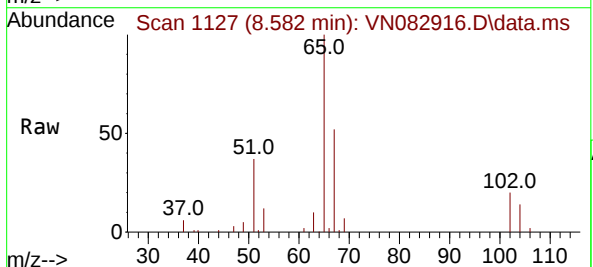
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

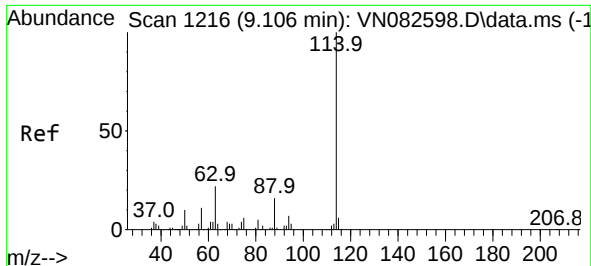
Tgt Ion:168 Resp: 86530
Ion Ratio Lower Upper
168 100
99 56.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 61.987 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Tgt Ion: 65 Resp: 75189
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4

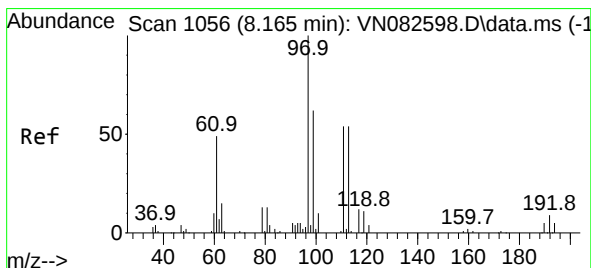
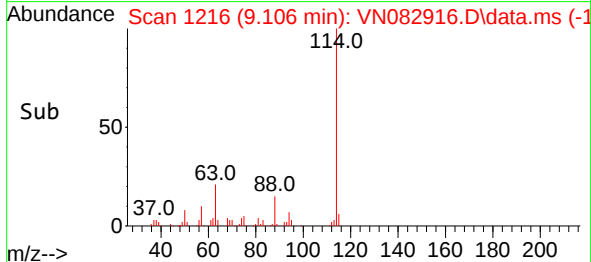
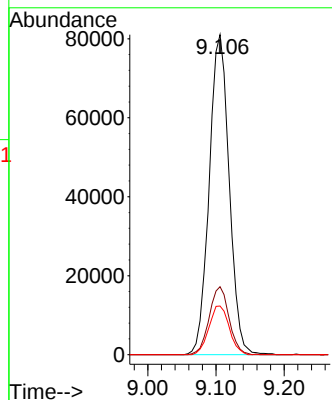
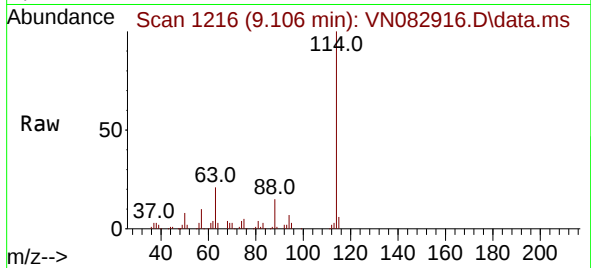




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN082916.D
 Acq: 15 Jul 2024 13:48

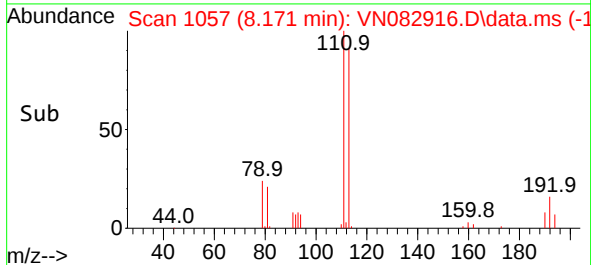
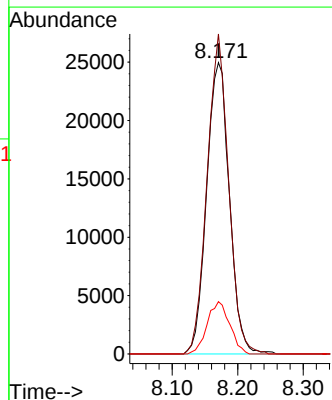
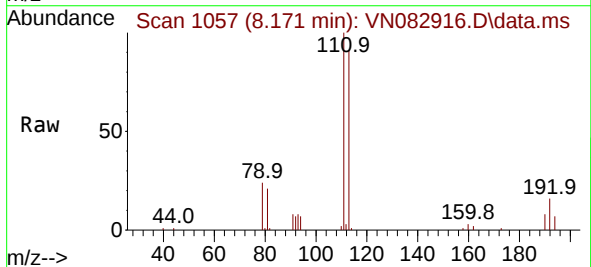
Instrument :
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 VN0715MBL01

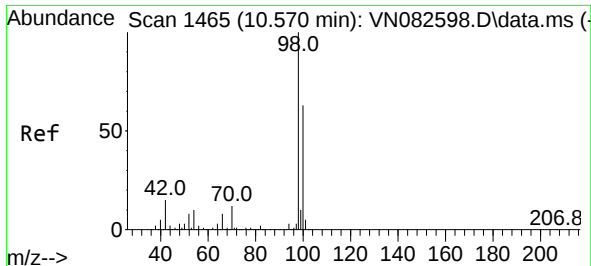
Tgt Ion:114 Resp: 165154
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.6
 88 15.2 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 56.833 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN082916.D
 Acq: 15 Jul 2024 13:48

Tgt Ion:113 Resp: 60229
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.4 123.6
 192 17.8 14.9 22.3

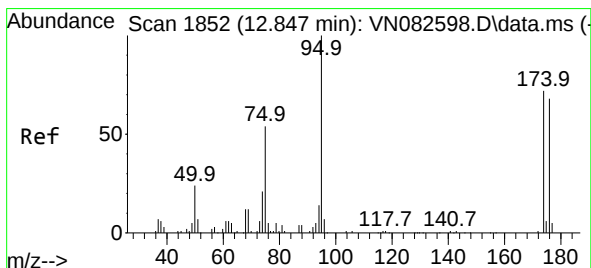
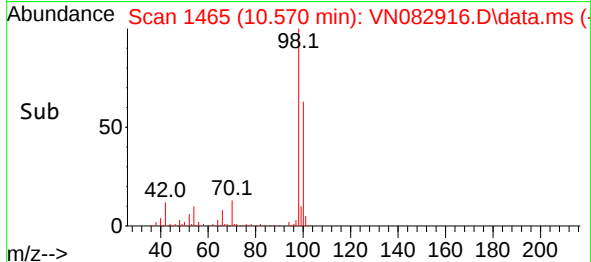
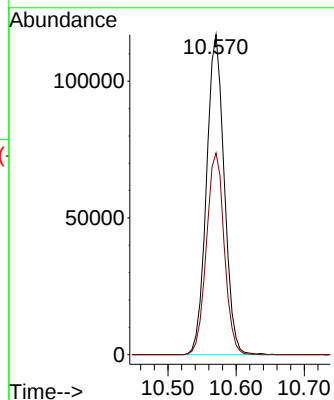
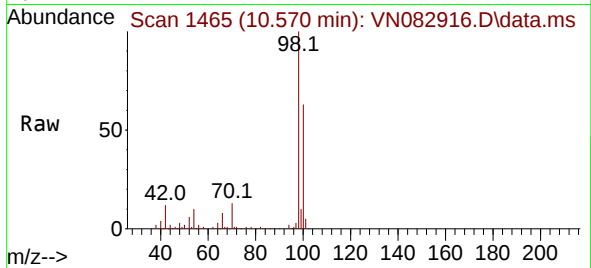




#50
Toluene-d8
Concen: 54.010 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

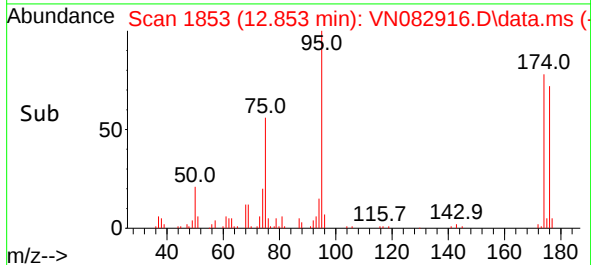
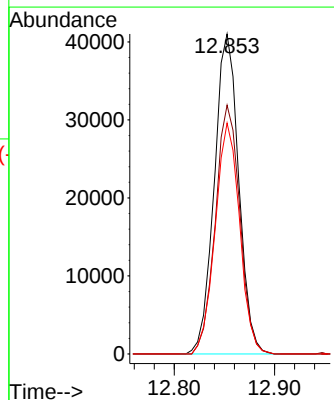
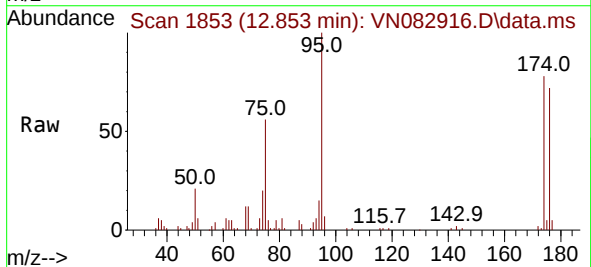
Instrument :
MSVOA_N
ClientSampleId :
VN0715MBL01

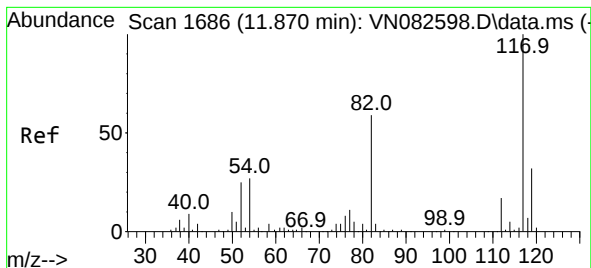
Tgt Ion: 98 Resp: 211406
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.318 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082916.D
Acq: 15 Jul 2024 13:48

Tgt Ion: 95 Resp: 69342
Ion Ratio Lower Upper
95 100
174 78.2 0.0 159.2
176 72.3 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: VN082916.D

Acq: 15 Jul 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN0715MBL01

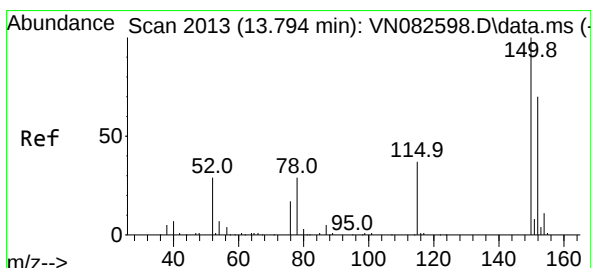
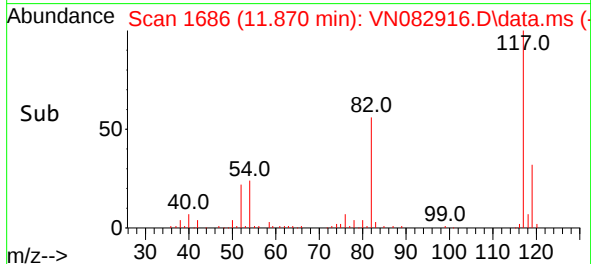
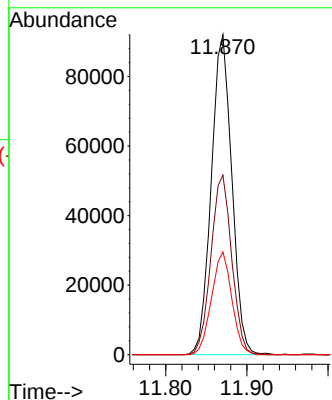
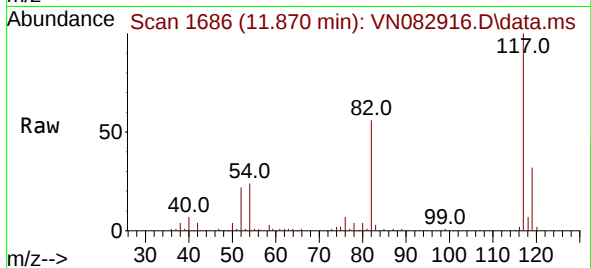
Tgt Ion:117 Resp: 161775

Ion Ratio Lower Upper

117 100

82 56.1 47.5 71.3

119 32.1 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: VN082916.D

Acq: 15 Jul 2024 13:48

Tgt Ion:152 Resp: 67301

Ion Ratio Lower Upper

152 100

115 59.8 30.6 91.6

150 156.4 0.0 348.6

