

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083011.D
 Acq On : 23 Jul 2024 13:37
 Operator : JC\MD
 Sample : VN0723MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723MBL01

Quant Time: Jul 24 02:28:17 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	8.230	168	57076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	108408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	110286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	42709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	51601	64.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	128.980%#
35) Dibromofluoromethane	8.171	113	42932	61.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	123.440%
50) Toluene-d8	10.571	98	145680	56.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.400%#
62) 4-Bromofluorobenzene	12.853	95	42966	46.555	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.100%

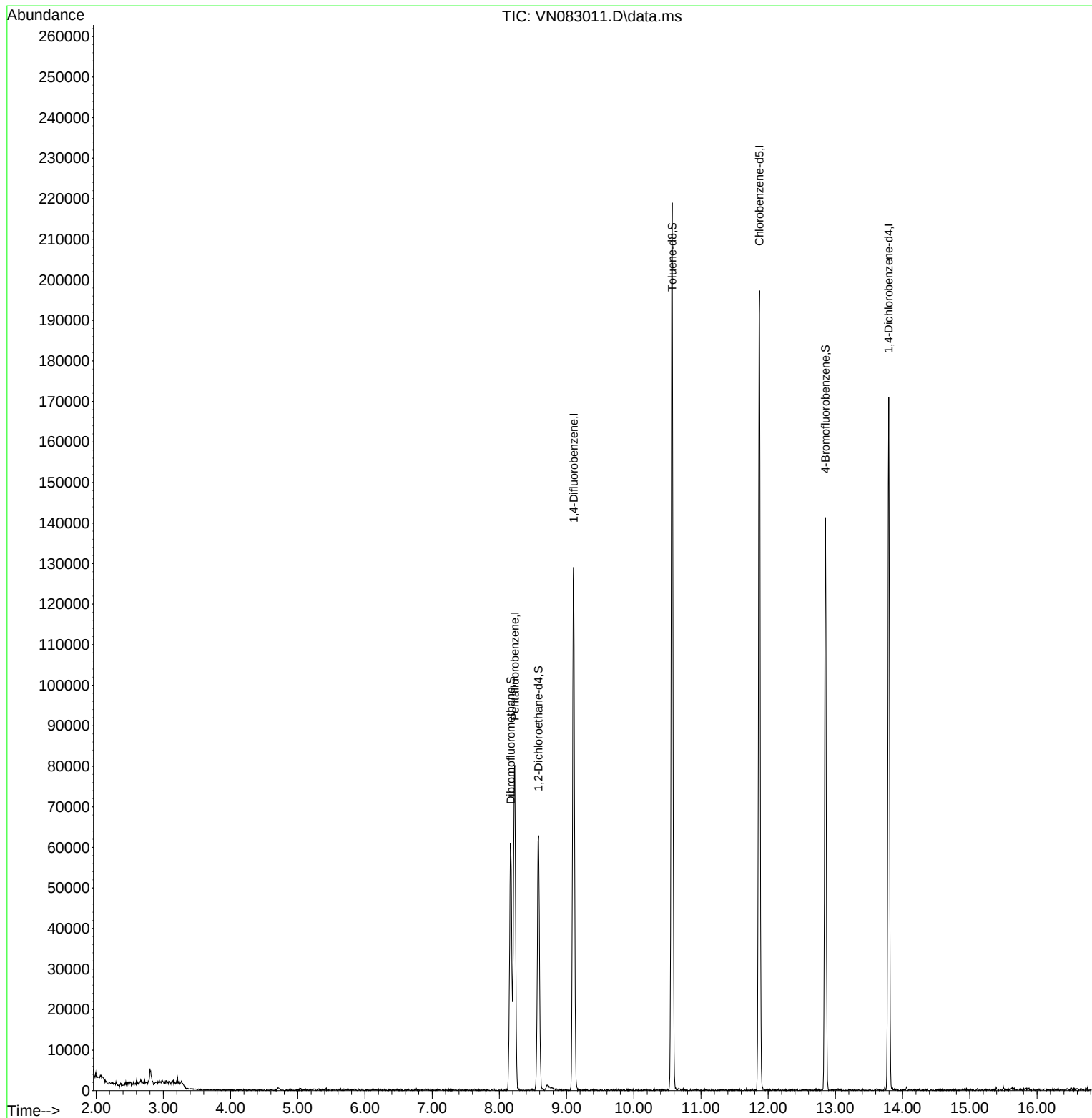
Target Compounds	Qvalue

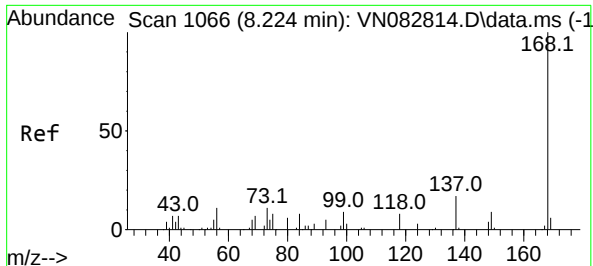
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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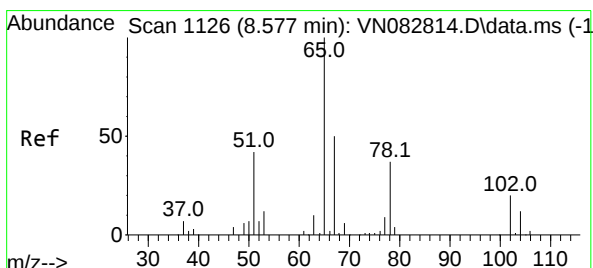
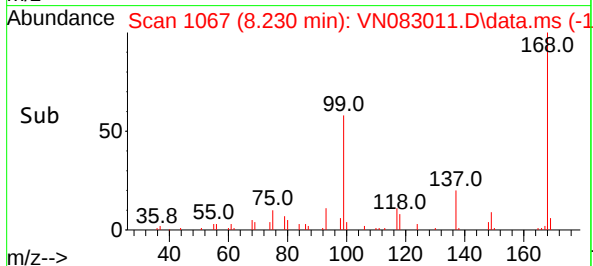
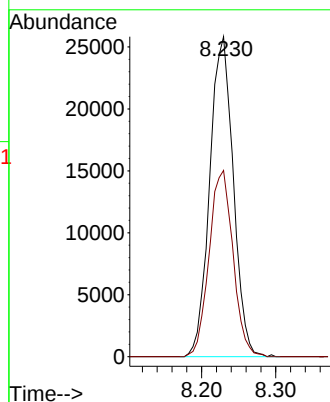
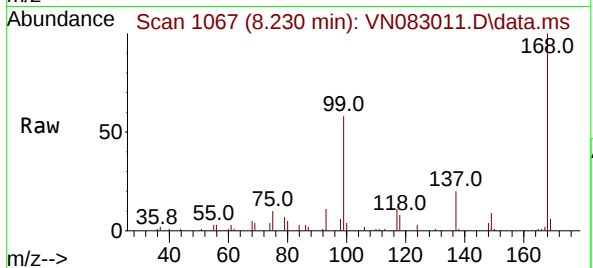




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083011.D
Acq: 23 Jul 2024 13:37

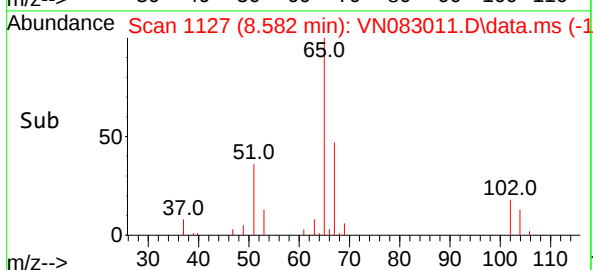
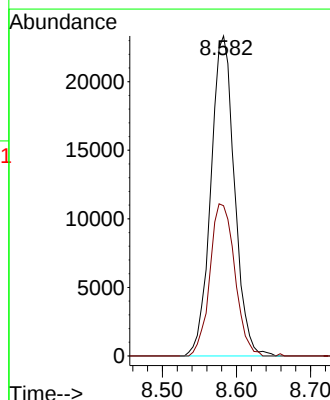
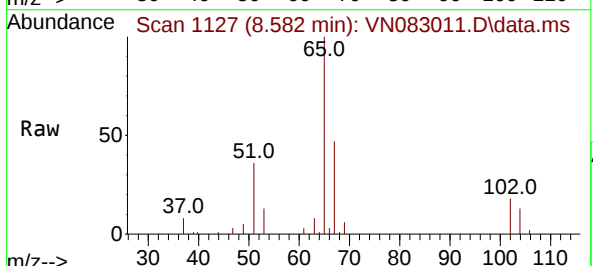
Instrument :
MSVOA_N
ClientSampleId :
VN0723MBL01

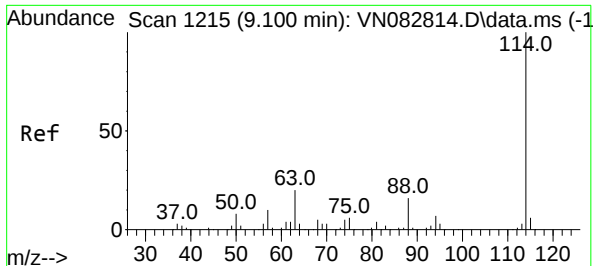
Tgt Ion:168 Resp: 57076
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 64.494 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083011.D
Acq: 23 Jul 2024 13:37

Tgt Ion: 65 Resp: 51601
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083011.D

Acq: 23 Jul 2024 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0723MBL01

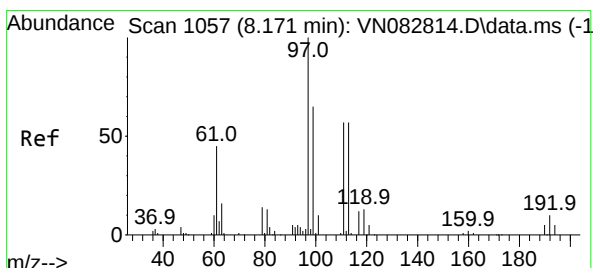
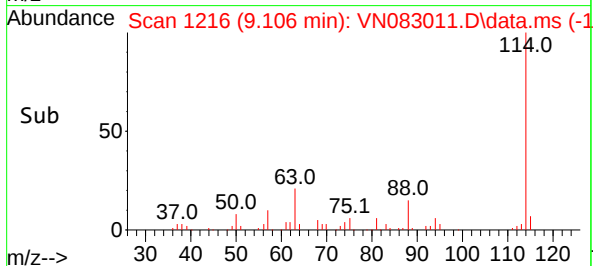
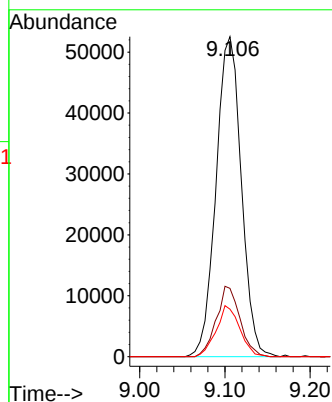
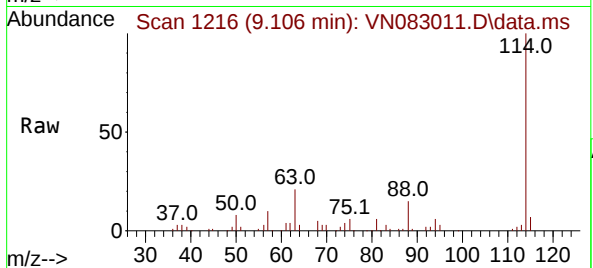
Tgt Ion:114 Resp: 108408

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 14.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 61.717 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083011.D

Acq: 23 Jul 2024 13:37

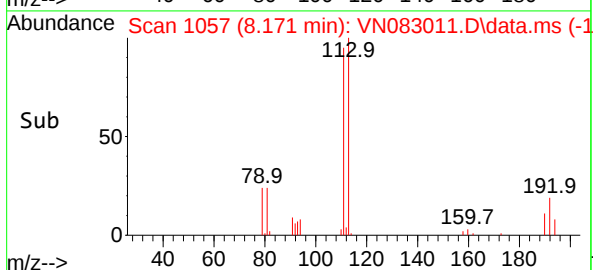
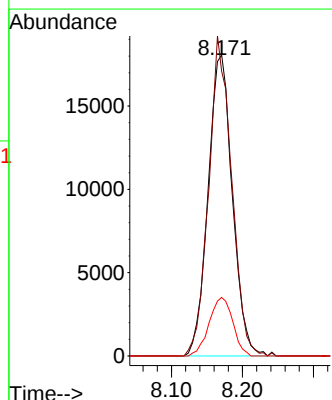
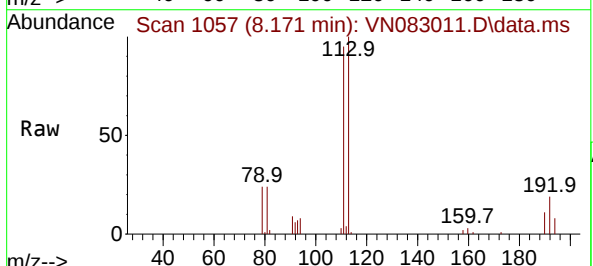
Tgt Ion:113 Resp: 42932

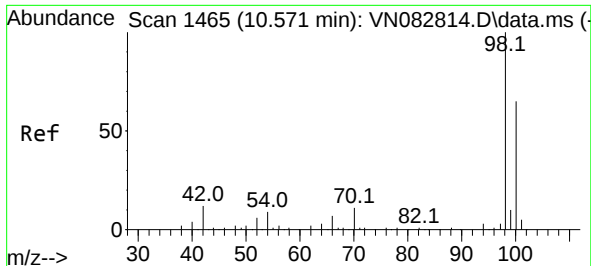
Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

192 18.9 14.9 22.3

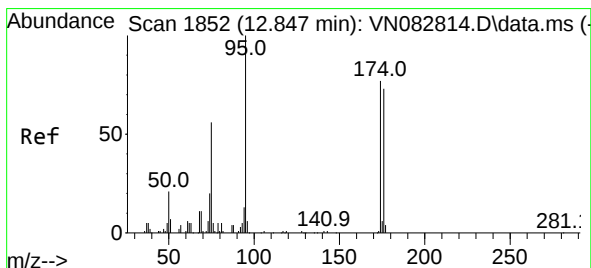
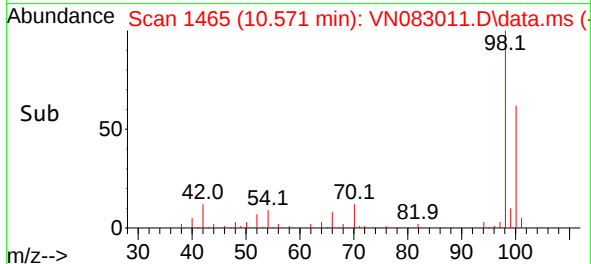
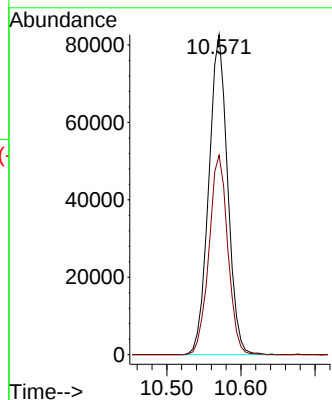
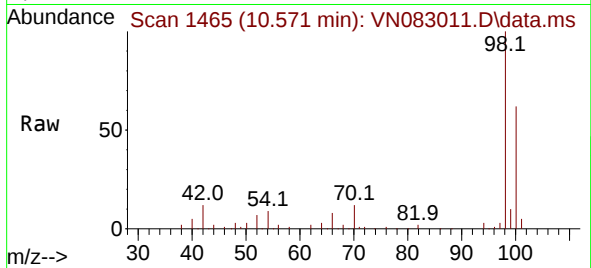




#50
Toluene-d8
Concen: 56.701 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083011.D
Acq: 23 Jul 2024 13:37

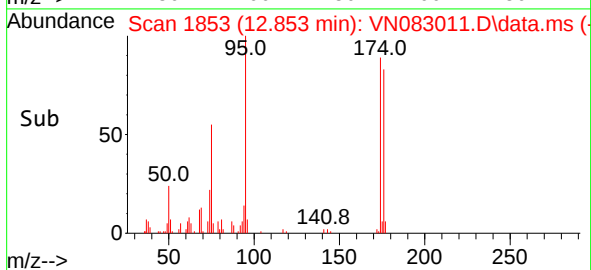
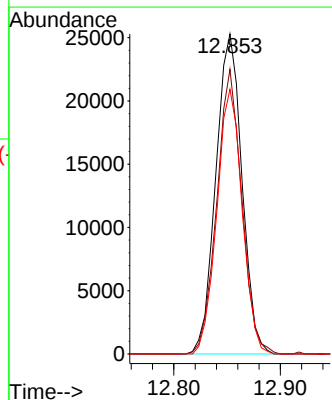
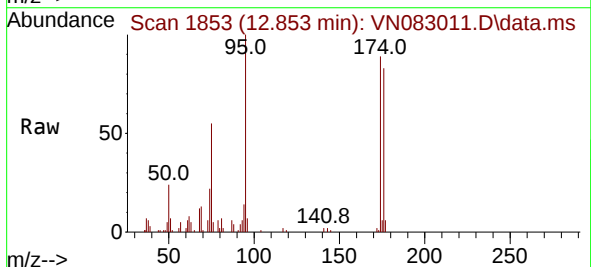
Instrument :
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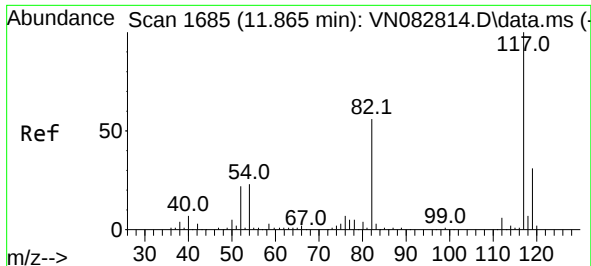
Tgt Ion: 98 Resp: 145680
Ion Ratio Lower Upper
98 100
100 62.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.555 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083011.D
Acq: 23 Jul 2024 13:37

Tgt Ion: 95 Resp: 42966
Ion Ratio Lower Upper
95 100
174 85.2 0.0 159.2
176 80.3 0.0 147.6

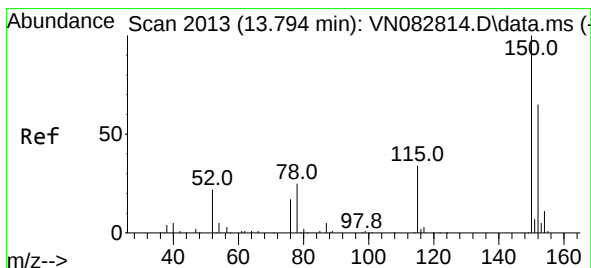
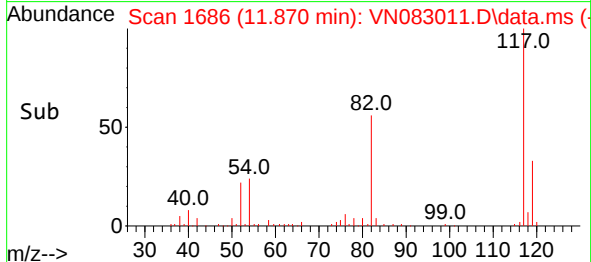
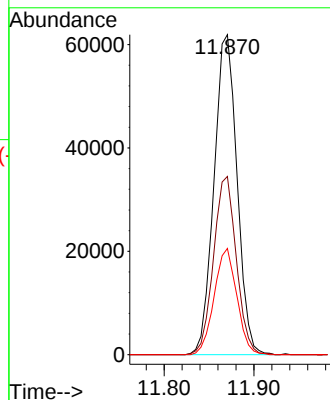
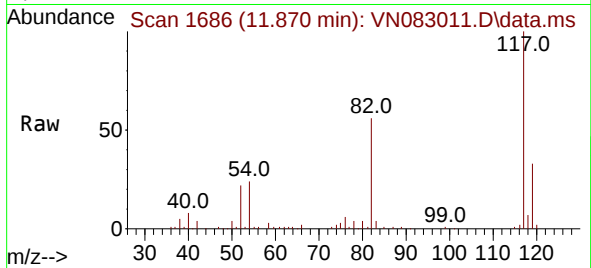




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN083011.D
Acq: 23 Jul 2024 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0723MBL01

Tgt Ion:117 Resp: 110286
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 33.2 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: VN083011.D
Acq: 23 Jul 2024 13:37

Tgt Ion:152 Resp: 42709
Ion Ratio Lower Upper
152 100
115 60.9 30.6 91.6
150 162.2 0.0 348.6

