

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083045.D
 Acq On : 26 Jul 2024 12:33
 Operator : JC\MD
 Sample : P3375-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-072524

Quant Time: Jul 26 23:04:38 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	8.224	168	149572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	285433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121788	58.086	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.180%
35) Dibromofluoromethane	8.165	113	101410	55.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.180%
50) Toluene-d8	10.571	98	346017	50.890	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.853	95	104865	42.936	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.880%

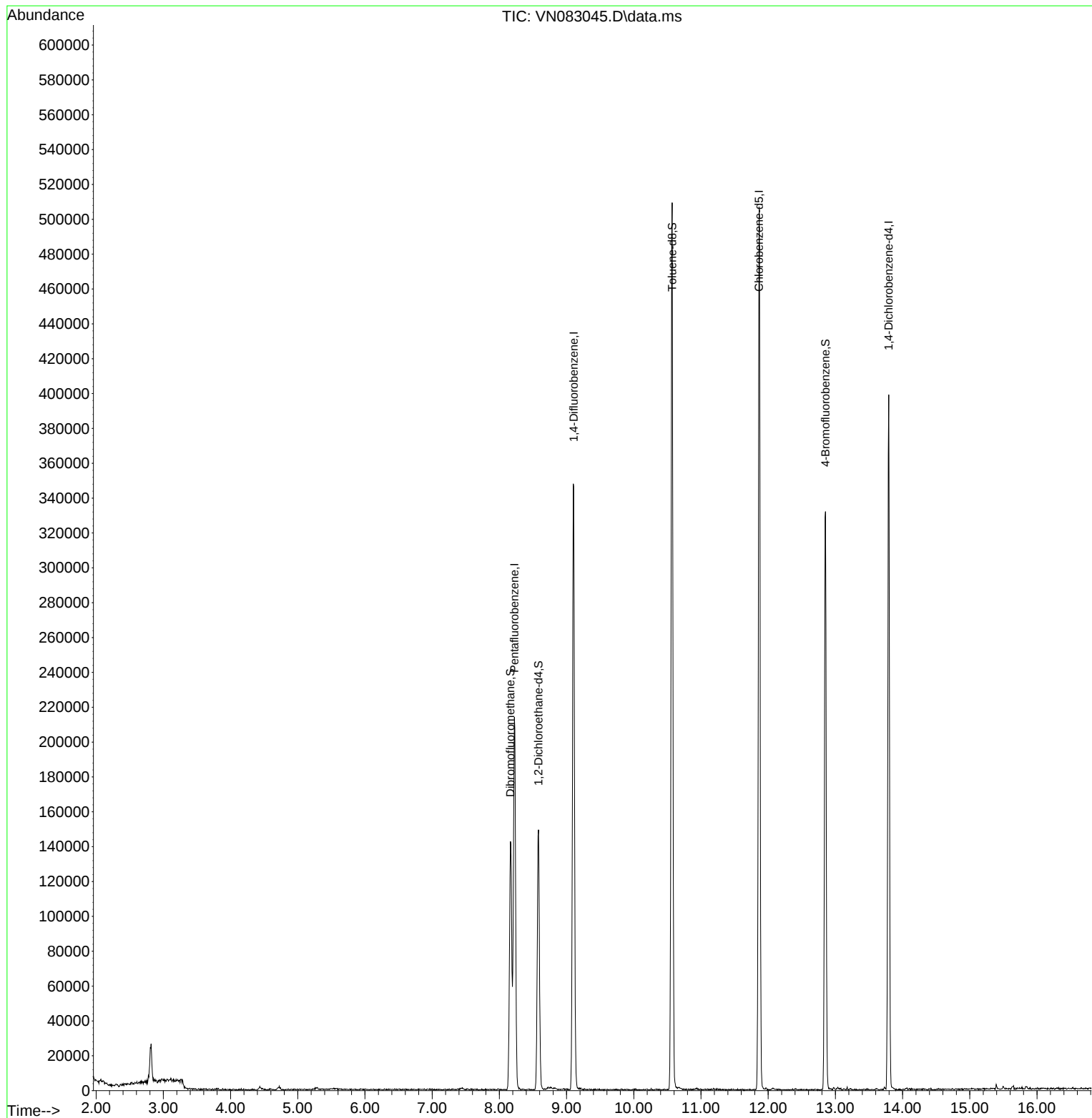
Target Compounds	Qvalue

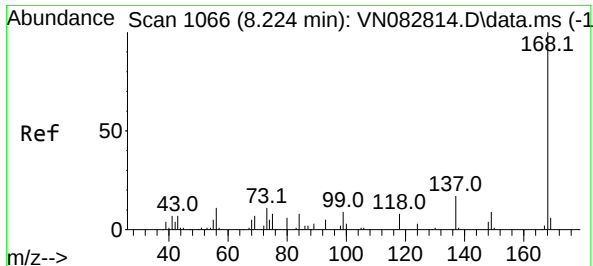
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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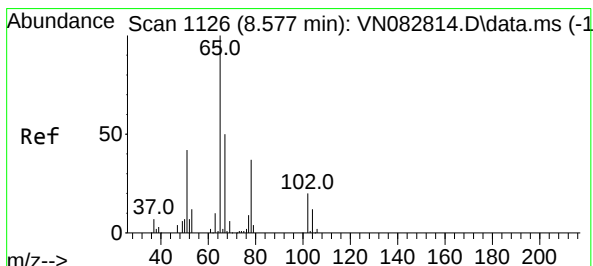
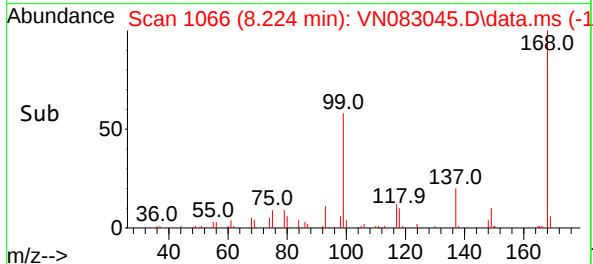
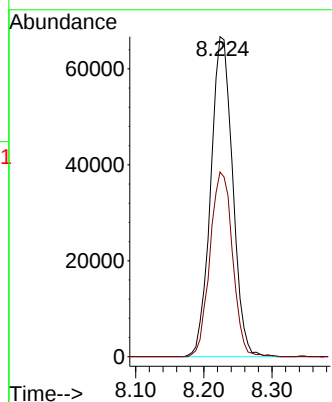
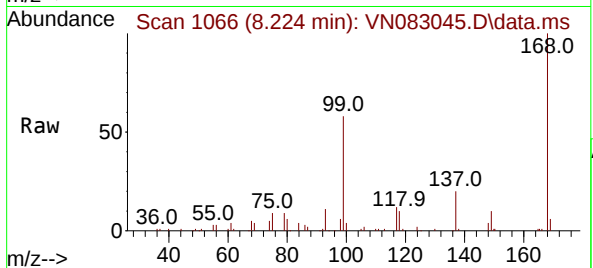




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

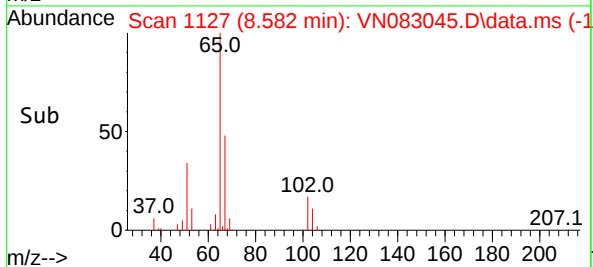
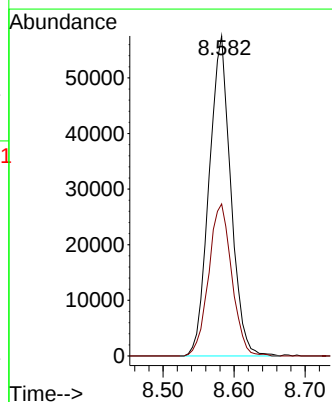
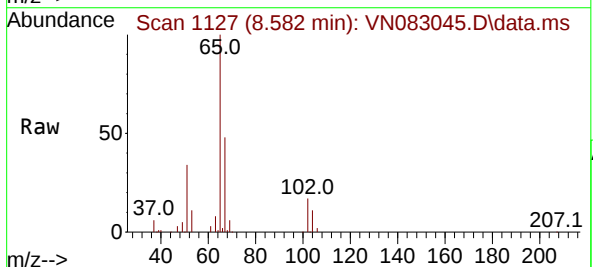
Instrument :
MSVOA_N
ClientSampleId :
TB-01-072524

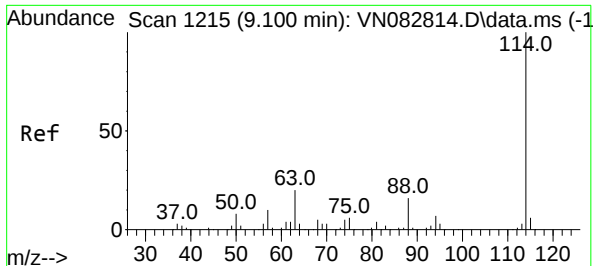
Tgt Ion:168 Resp: 149572
Ion Ratio Lower Upper
168 100
99 57.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.086 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion: 65 Resp: 121788
Ion Ratio Lower Upper
65 100
67 50.6 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: VN083045.D

Acq: 26 Jul 2024 12:33

Instrument :

MSVOA_N

ClientSampleId :

TB-01-072524

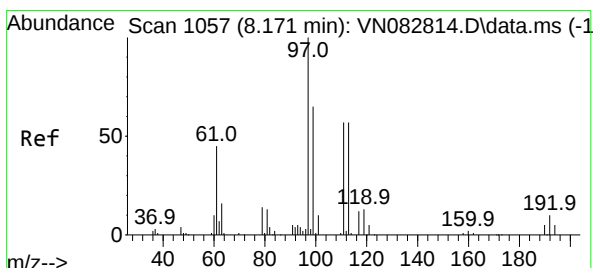
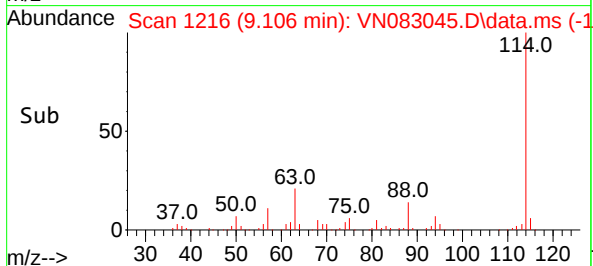
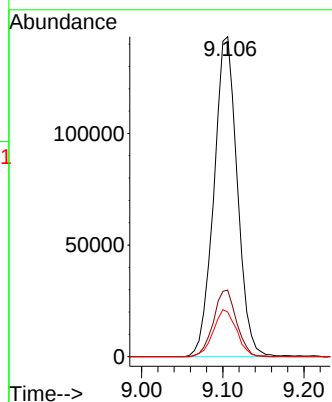
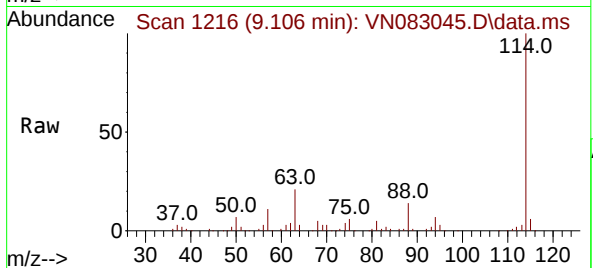
Tgt Ion:114 Resp: 286890

Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 14.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.087 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083045.D

Acq: 26 Jul 2024 12:33

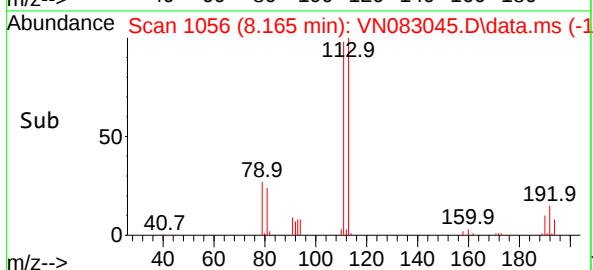
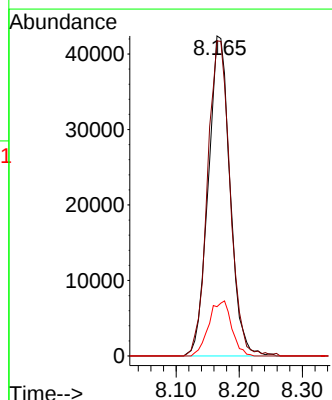
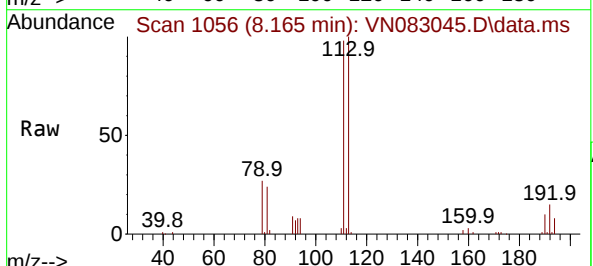
Tgt Ion:113 Resp: 101410

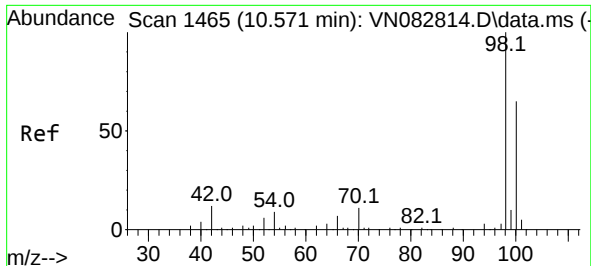
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 18.0 14.9 22.3

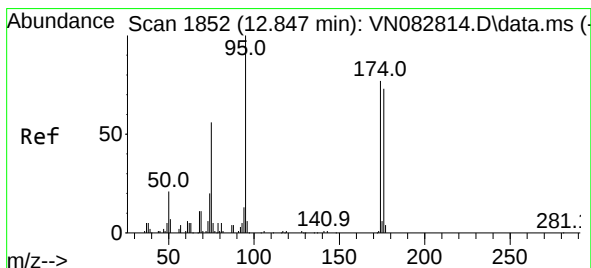
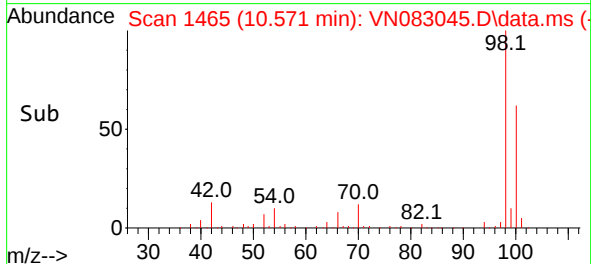
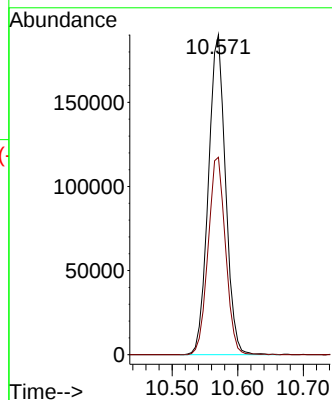
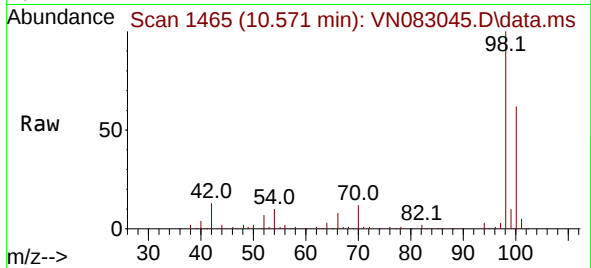




#50
Toluene-d8
Concen: 50.890 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

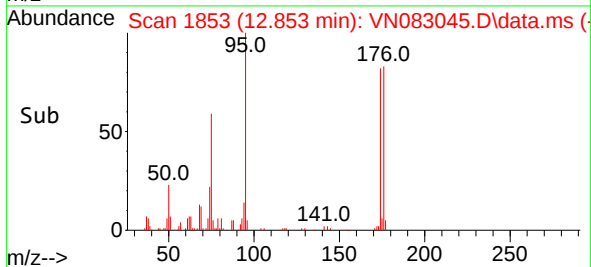
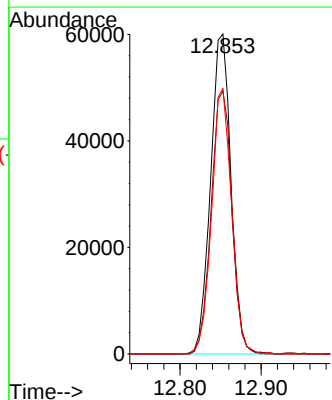
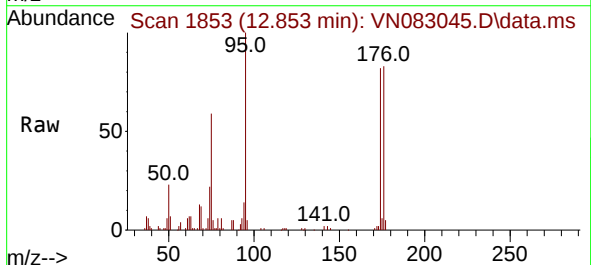
Instrument :
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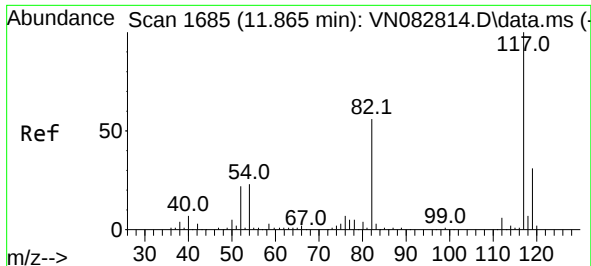
Tgt Ion: 98 Resp: 346017
Ion Ratio Lower Upper
98 100
100 62.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 42.936 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion: 95 Resp: 104865
Ion Ratio Lower Upper
95 100
174 83.5 0.0 159.2
176 81.0 0.0 147.6

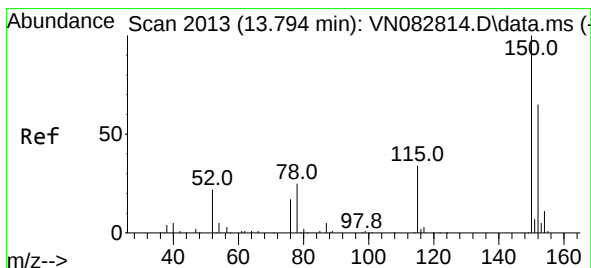
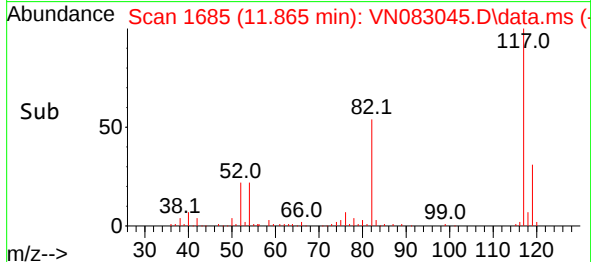
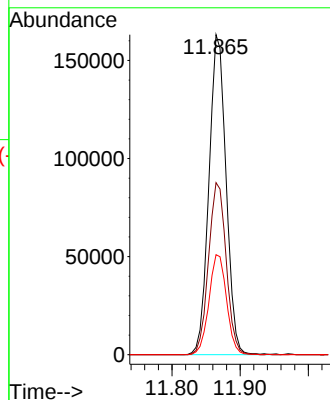
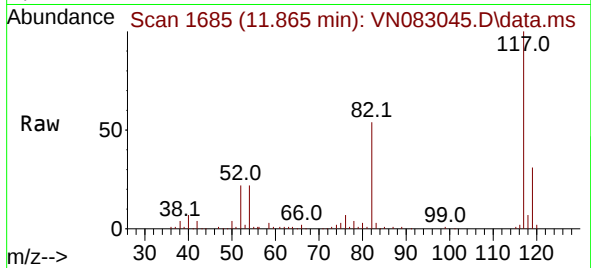




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083045.D
Acq: 26 Jul 2024 12:33

Instrument :
MSVOA_N
ClientSampleId :
TB-01-072524

Tgt Ion:117 Resp: 285433
Ion Ratio Lower Upper
117 100
82 53.8 47.5 71.3
119 31.3 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: VN083045.D
Acq: 26 Jul 2024 12:33

Tgt Ion:152 Resp: 102651
Ion Ratio Lower Upper
152 100
115 61.1 30.6 91.6
150 158.3 0.0 348.6

