

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080724\
 Data File : VN083141.D
 Acq On : 07 Aug 2024 13:22
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 08 06:35:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116788	54.453	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.900%
35) Dibromofluoromethane	8.171	113	95400	53.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.640%
50) Toluene-d8	10.565	98	362644	54.845	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.700%
62) 4-Bromofluorobenzene	12.847	95	151561	58.795	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	117.580%

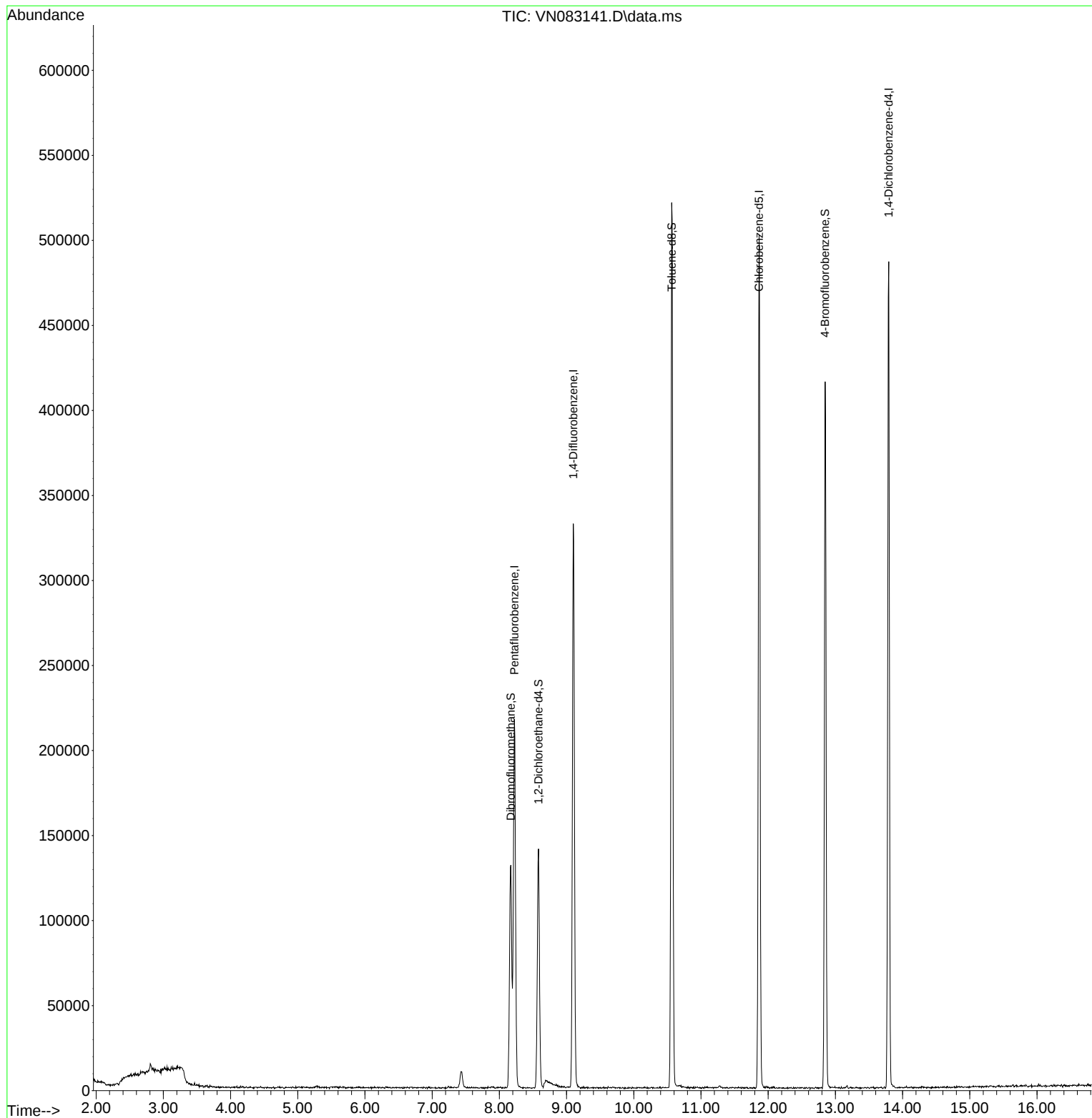
Target Compounds	Qvalue

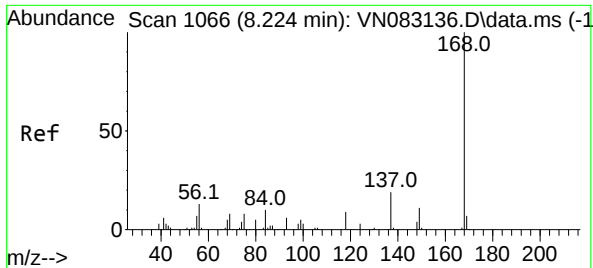
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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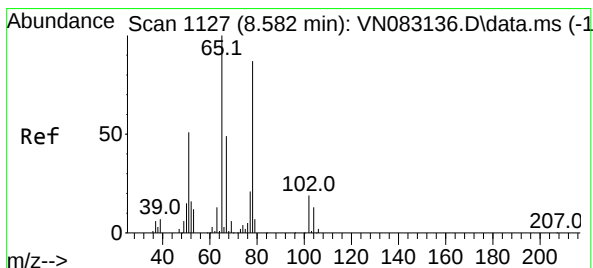
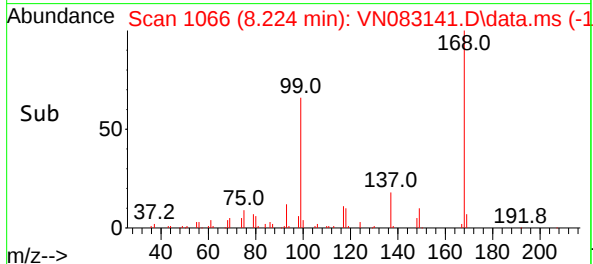
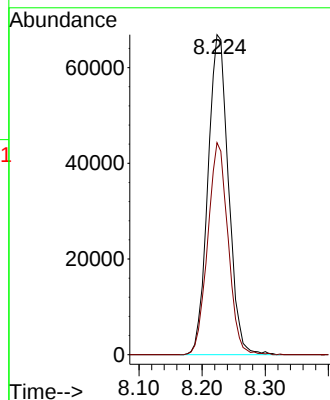
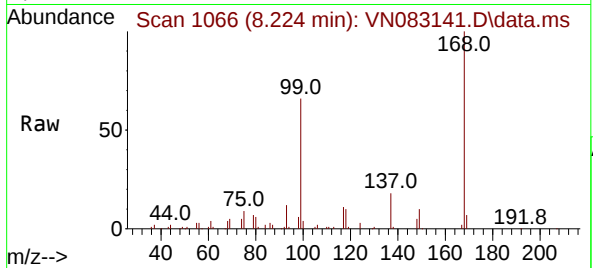




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

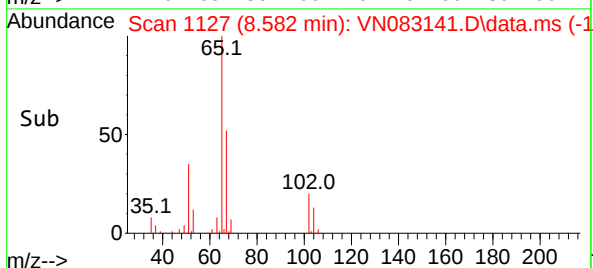
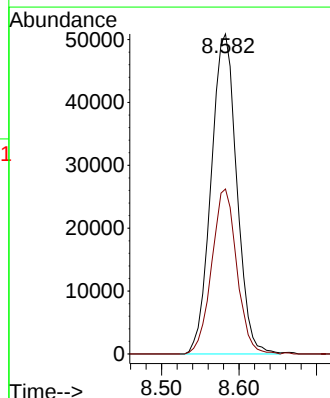
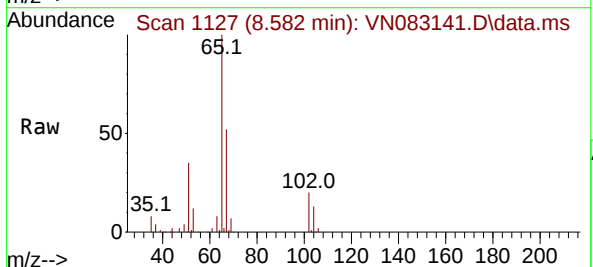
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 150680
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.453 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion: 65 Resp: 116788
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083141.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

IBLK

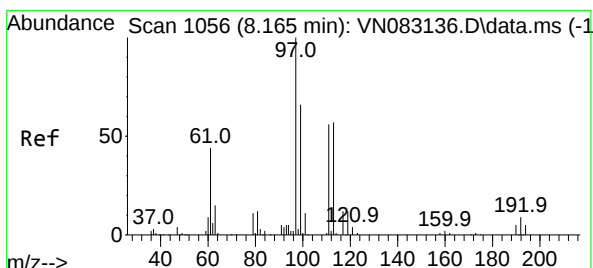
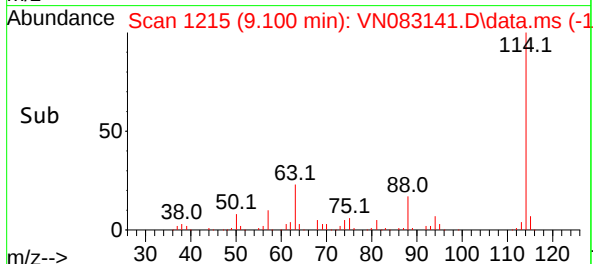
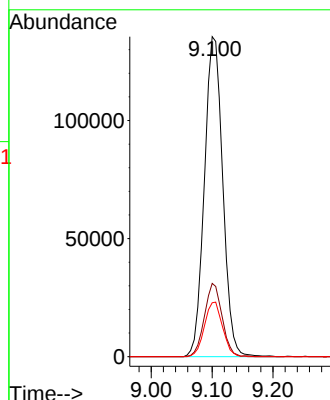
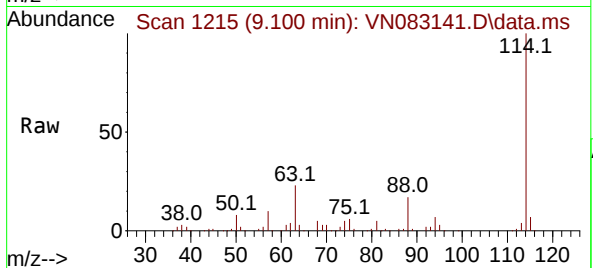
Tgt Ion:114 Resp: 283986

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.820 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083141.D

Acq: 07 Aug 2024 13:22

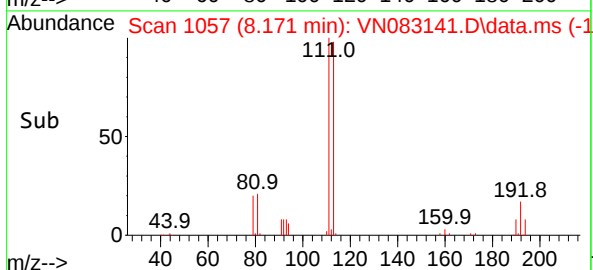
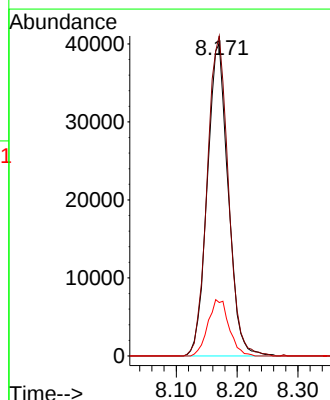
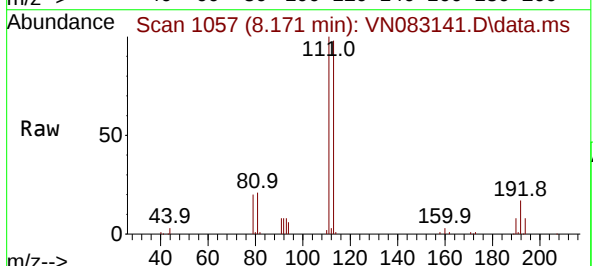
Tgt Ion:113 Resp: 95400

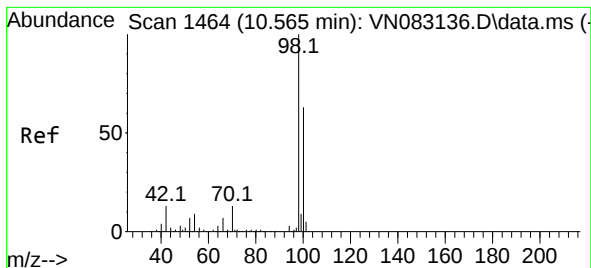
Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 18.2 14.9 22.3





#50

Toluene-d8

Concen: 54.845 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083141.D

Acq: 07 Aug 2024 13:22

Instrument :

MSVOA_N

ClientSampleId :

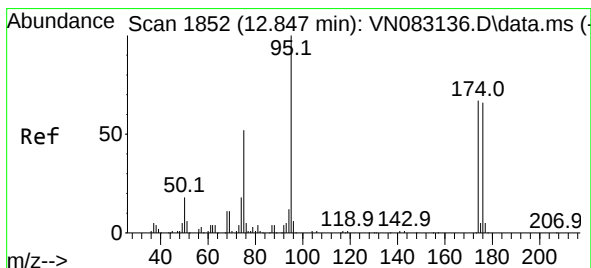
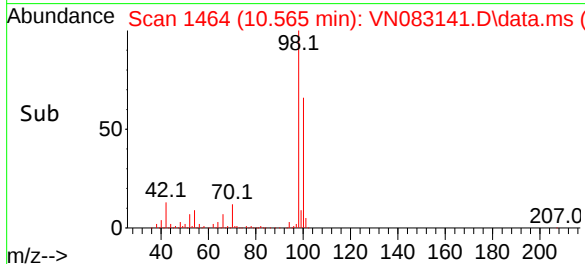
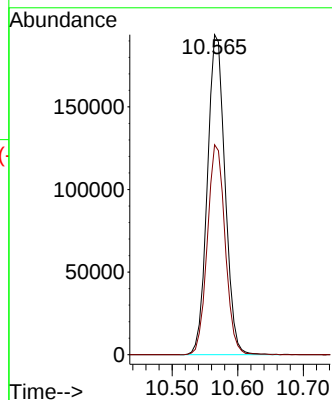
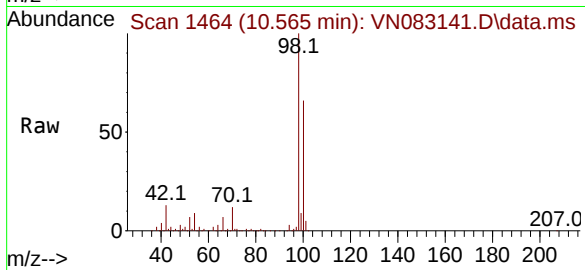
IBLK

Tgt Ion: 98 Resp: 362644

Ion Ratio Lower Upper

98 100

100 66.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 58.795 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083141.D

Acq: 07 Aug 2024 13:22

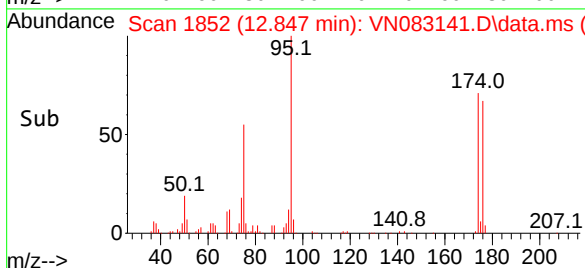
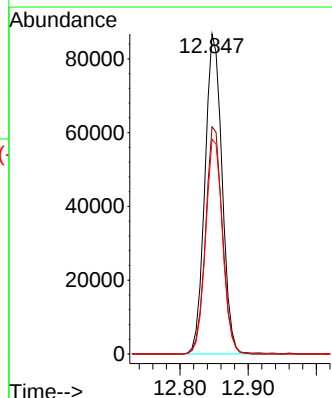
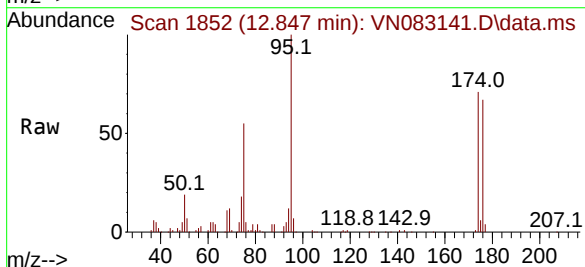
Tgt Ion: 95 Resp: 151561

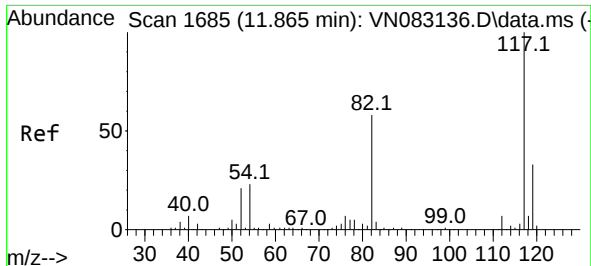
Ion Ratio Lower Upper

95 100

174 69.9 0.0 159.2

176 66.5 0.0 147.6

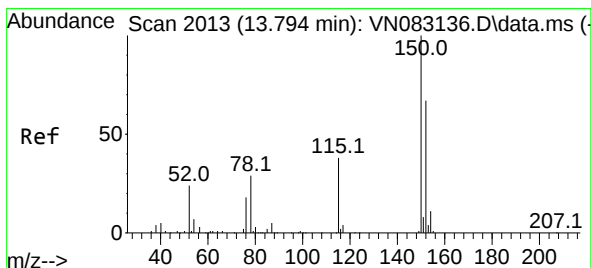
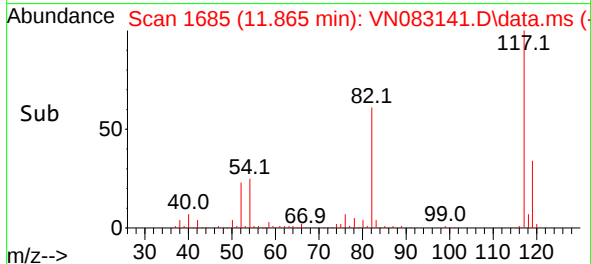
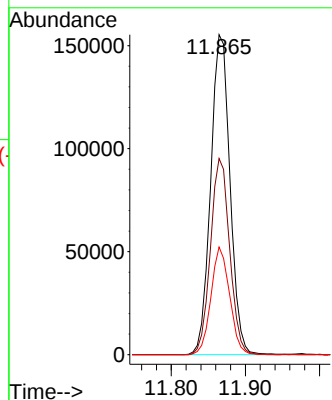
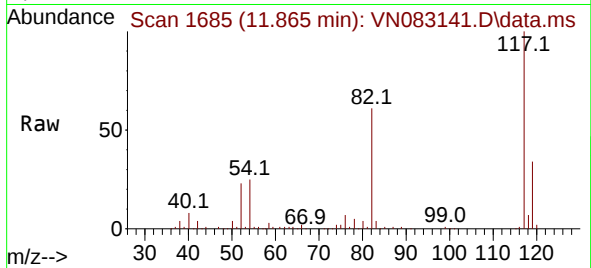




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083141.D
Acq: 07 Aug 2024 13:22

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 281399
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 33.6 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: VN083141.D
Acq: 07 Aug 2024 13:22

Tgt Ion:152 Resp: 129369
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 155.0 0.0 348.6

