

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083549.D
 Acq On : 29 Aug 2024 11:21
 Operator : JC\MD
 Sample : VN0829WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBL01

Quant Time: Aug 30 01:22:37 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	153713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119613	54.669	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.340%
35) Dibromofluoromethane	8.165	113	95788	49.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	10.565	98	343423	47.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.847	95	159021	56.476	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.960%

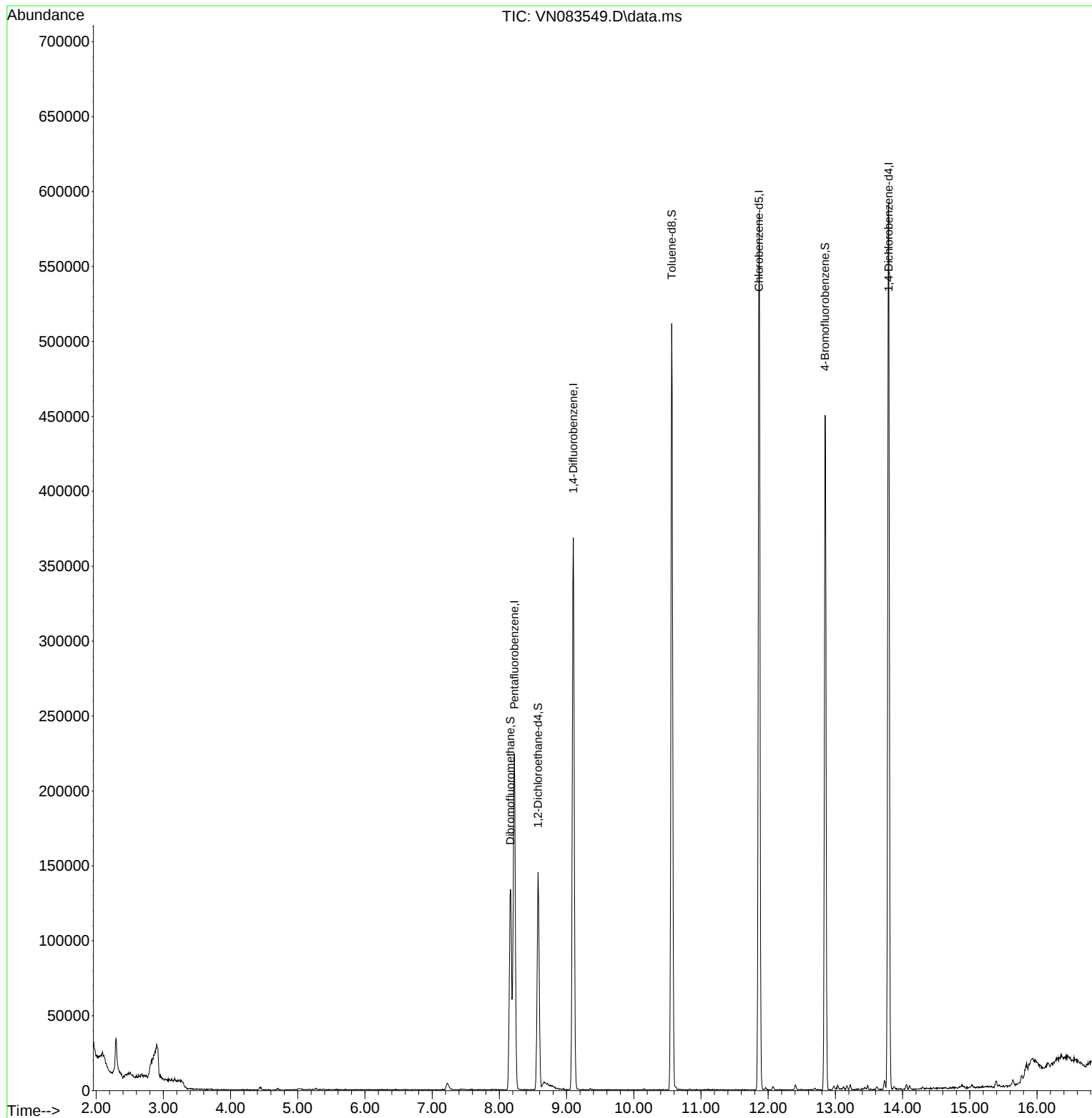
Target Compounds	Qvalue

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

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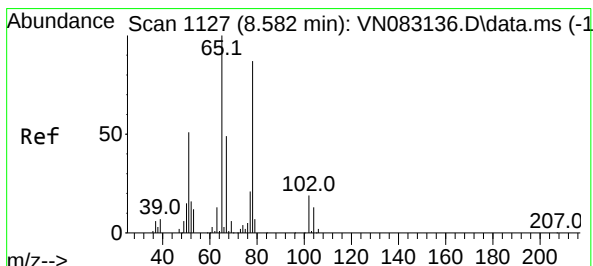
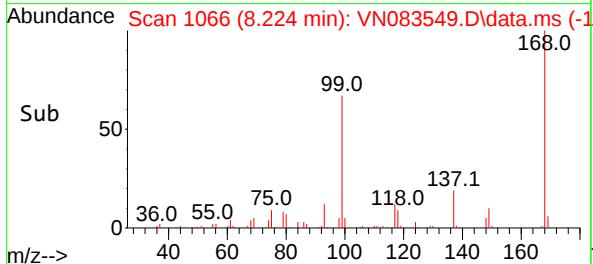
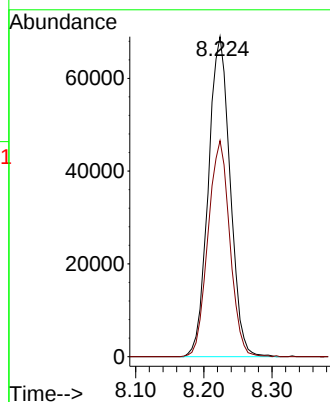
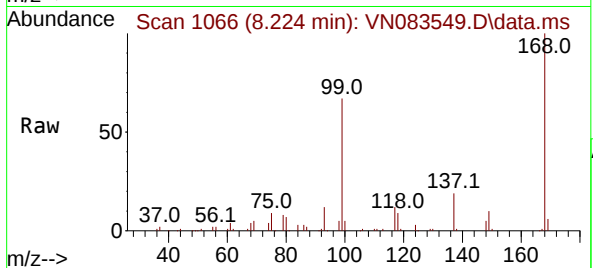




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083549.D
Acq: 29 Aug 2024 11:21

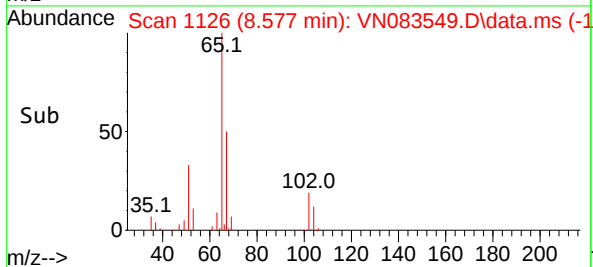
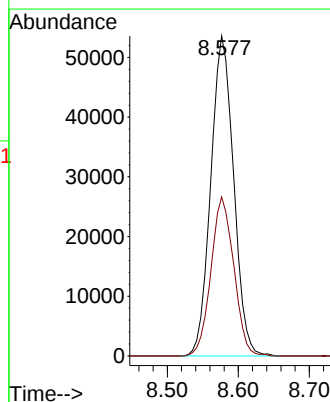
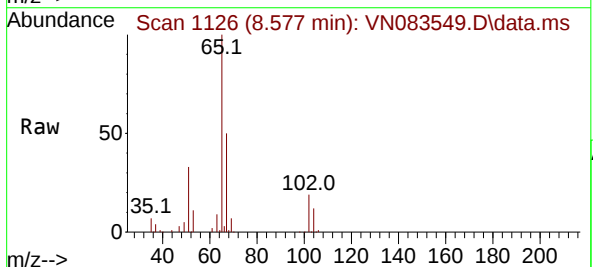
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

Tgt Ion:168 Resp: 153713
Ion Ratio Lower Upper
168 100
99 67.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.669 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083549.D
Acq: 29 Aug 2024 11:21

Tgt Ion: 65 Resp: 119613
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083549.D

Acq: 29 Aug 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBL01

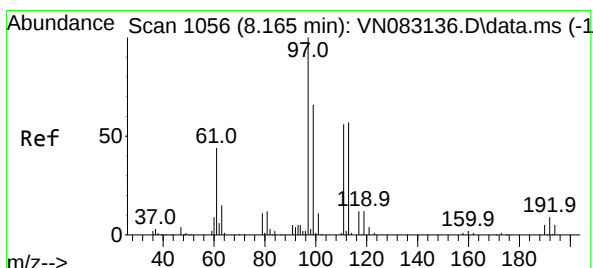
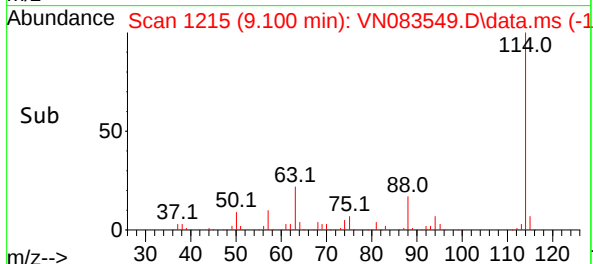
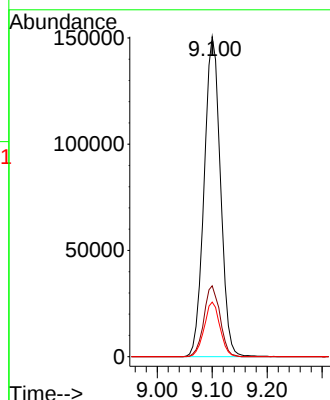
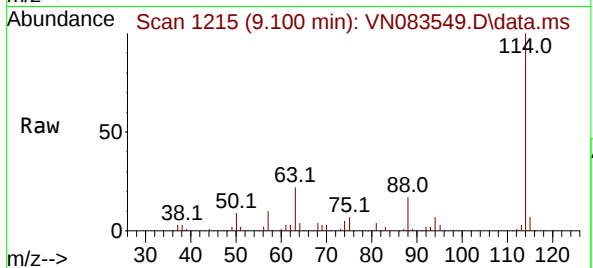
Tgt Ion:114 Resp: 310200

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 17.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.472 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083549.D

Acq: 29 Aug 2024 11:21

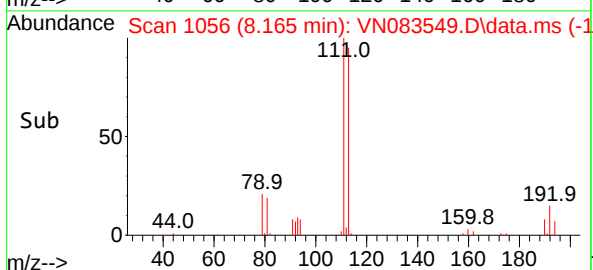
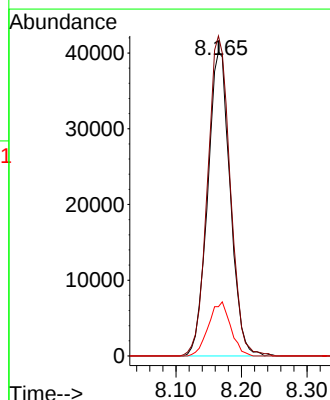
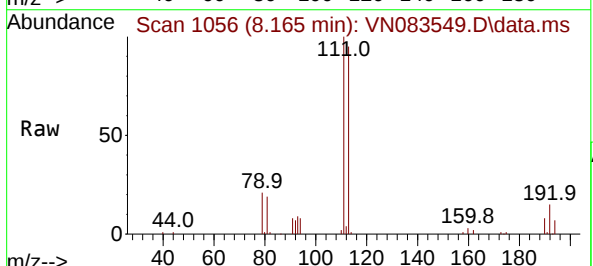
Tgt Ion:113 Resp: 95788

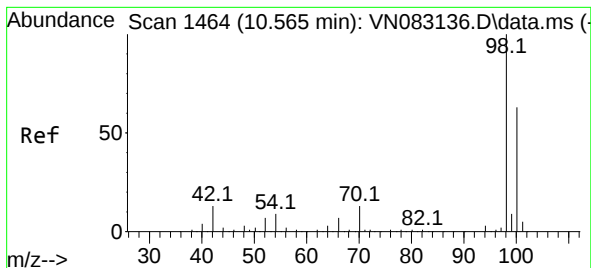
Ion Ratio Lower Upper

113 100

111 105.7 82.4 123.6

192 17.4 14.9 22.3





#50

Toluene-d8

Concen: 47.549 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083549.D

Acq: 29 Aug 2024 11:21

Instrument :

MSVOA_N

ClientSampleId :

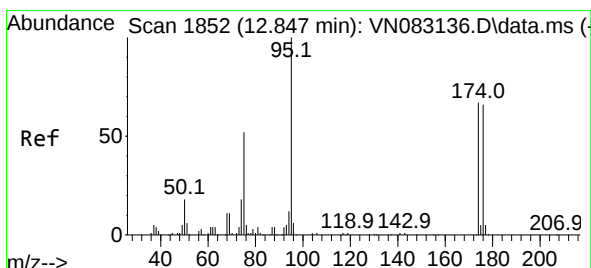
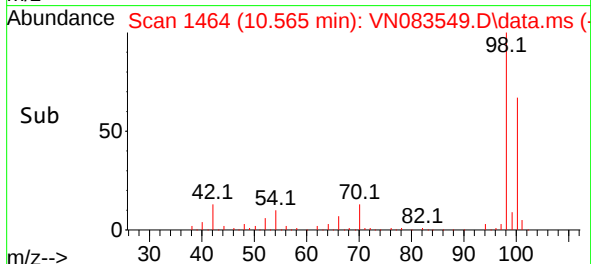
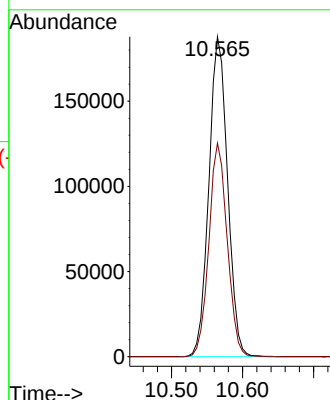
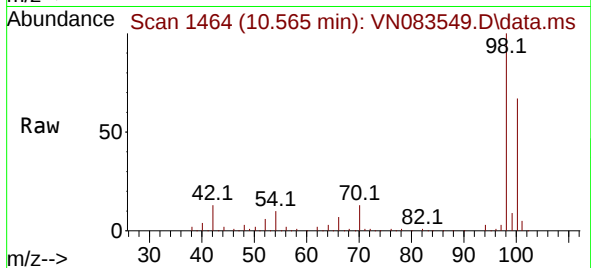
VN0829WBL01

Tgt Ion: 98 Resp: 343423

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 56.476 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083549.D

Acq: 29 Aug 2024 11:21

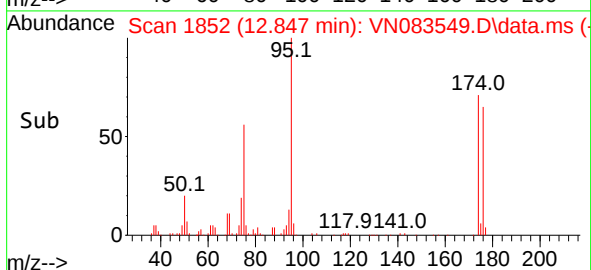
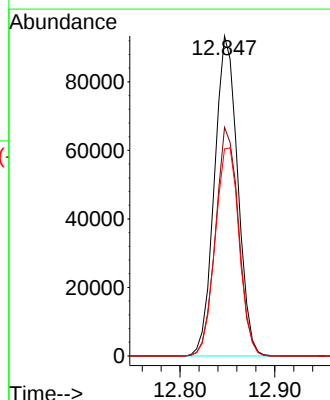
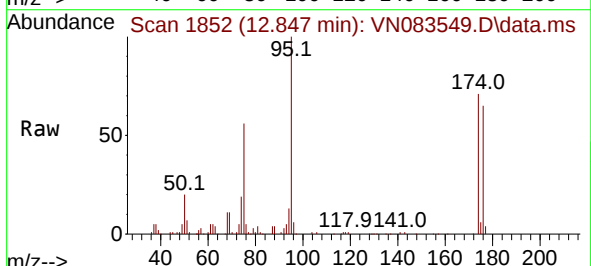
Tgt Ion: 95 Resp: 159021

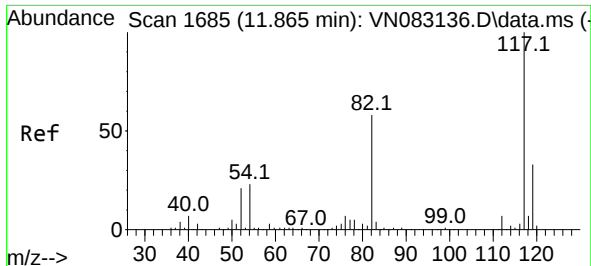
Ion Ratio Lower Upper

95 100

174 70.7 0.0 159.2

176 67.6 0.0 147.6

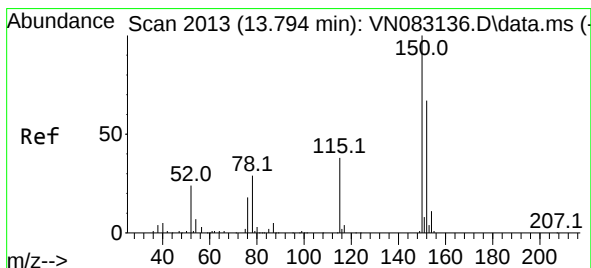
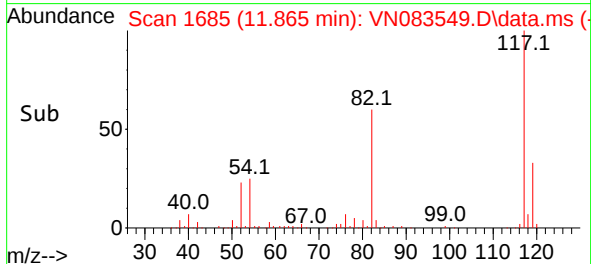
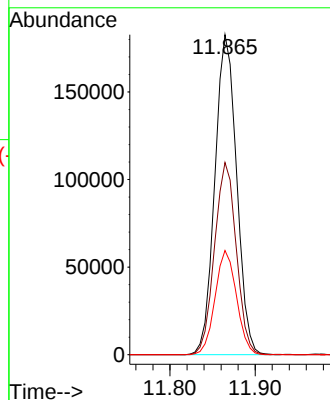
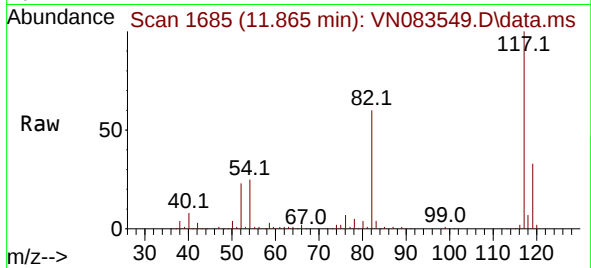




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083549.D
Acq: 29 Aug 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

Tgt Ion:117 Resp: 324072
Ion Ratio Lower Upper
117 100
82 60.1 47.5 71.3
119 32.5 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: VN083549.D
Acq: 29 Aug 2024 11:21

Tgt Ion:152 Resp: 153590
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 160.7 0.0 348.6

