

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083274.D
 Acq On : 14 Aug 2024 03:22
 Operator : JC\MD
 Sample : VN0813WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBL02

Quant Time: Aug 14 04:44:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 03:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120249	56.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.440%
35) Dibromofluoromethane	8.165	113	95831	52.468	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.940%
50) Toluene-d8	10.565	98	365836	53.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.400%
62) 4-Bromofluorobenzene	12.847	95	152632	57.463	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	114.920%

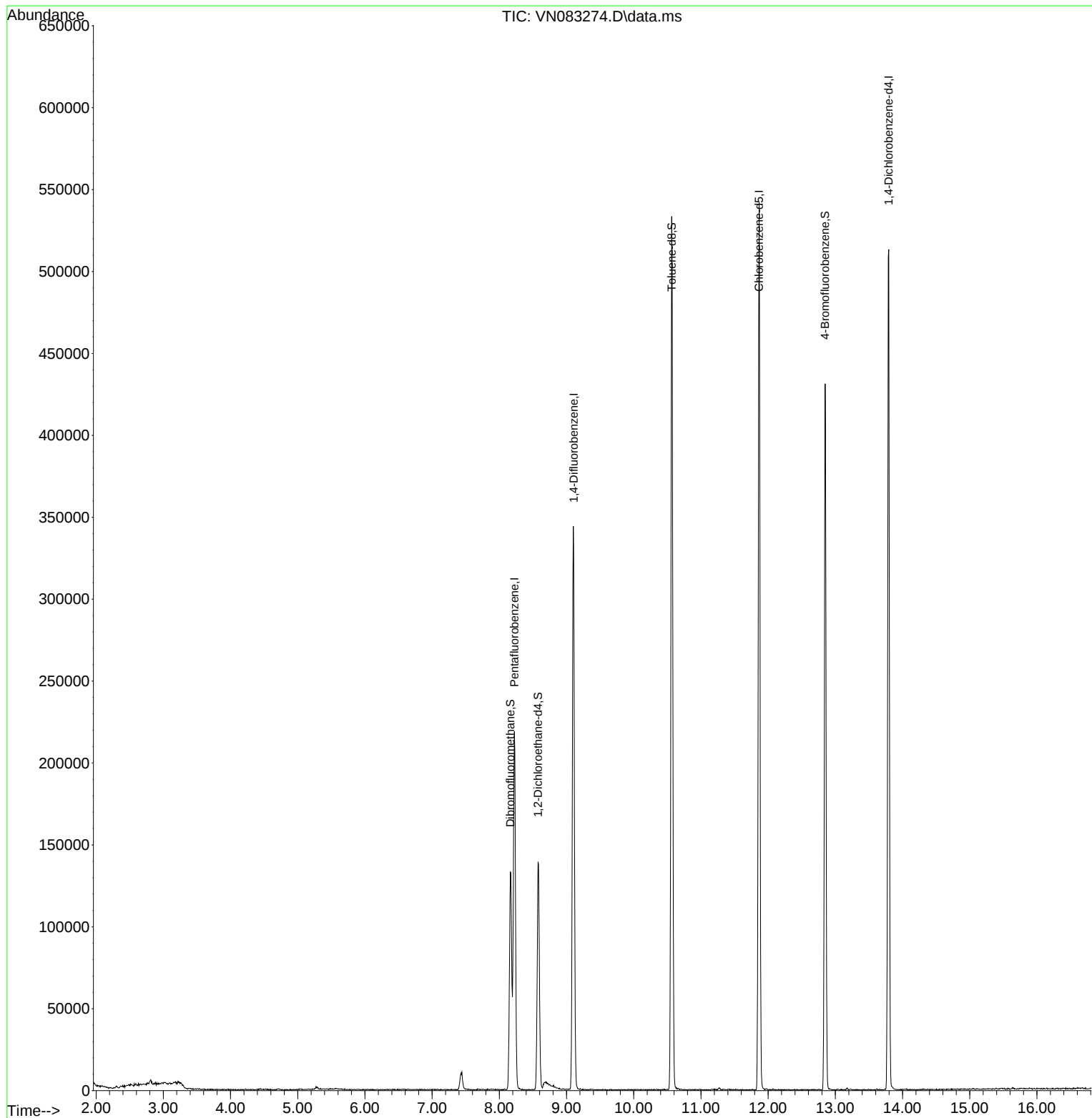
Target Compounds	Qvalue

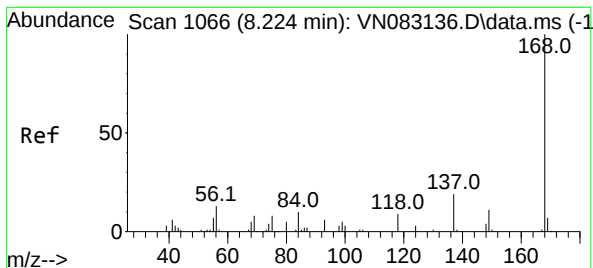
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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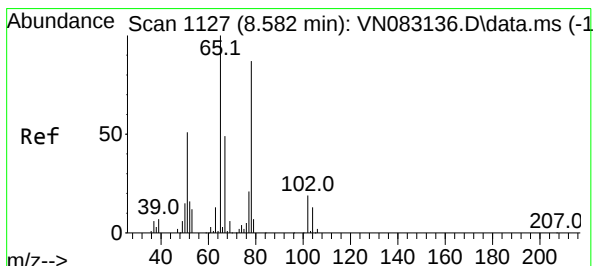
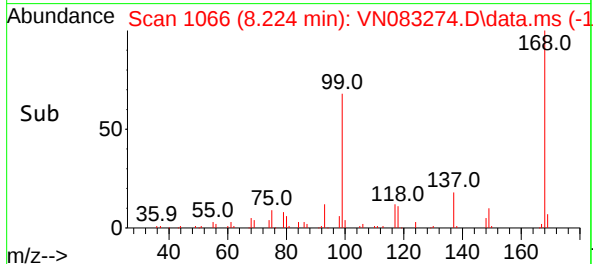
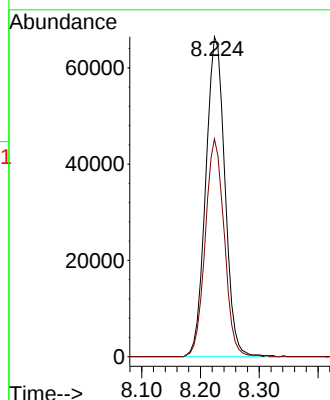
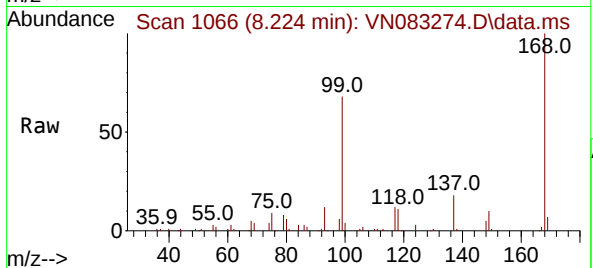




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083274.D
Acq: 14 Aug 2024 03:22

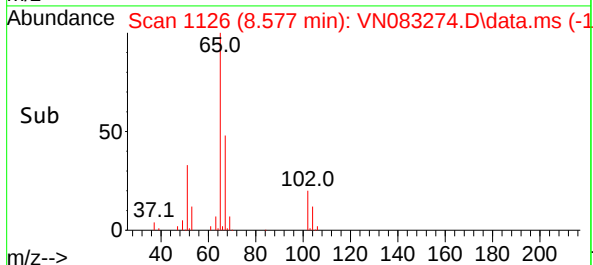
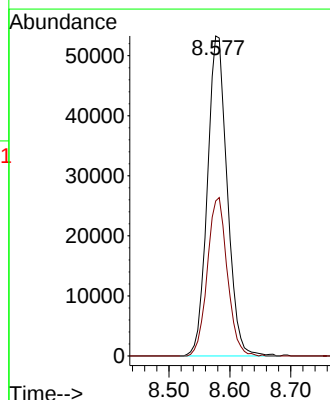
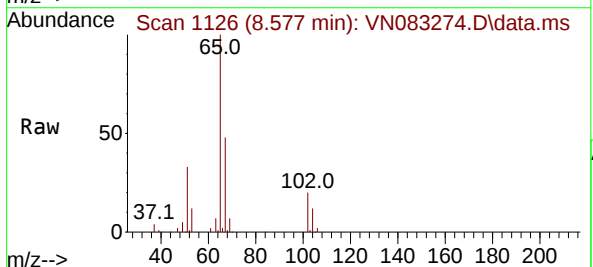
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL02

Tgt Ion:168 Resp: 150257
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.224 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083274.D
Acq: 14 Aug 2024 03:22

Tgt Ion: 65 Resp: 120249
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083274.D

Acq: 14 Aug 2024 03:22

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBL02

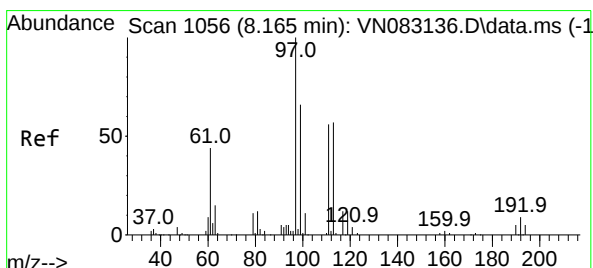
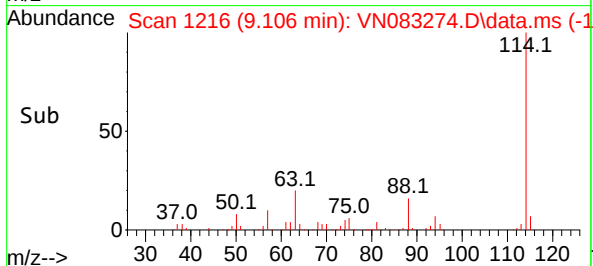
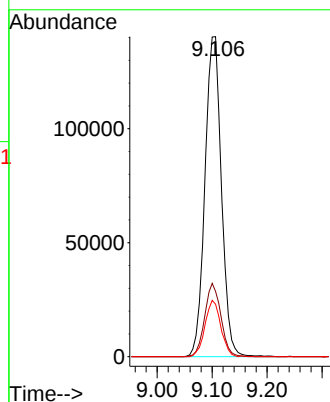
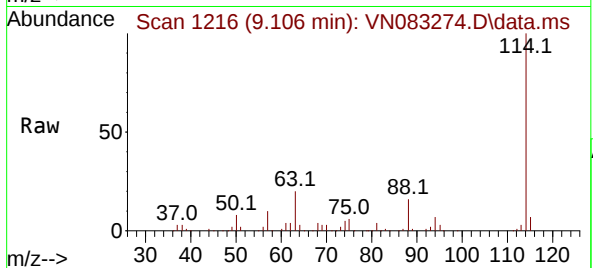
Tgt Ion:114 Resp: 292620

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.468 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083274.D

Acq: 14 Aug 2024 03:22

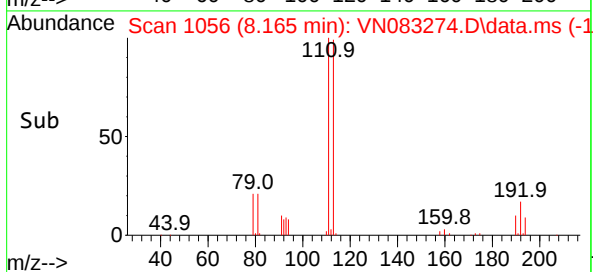
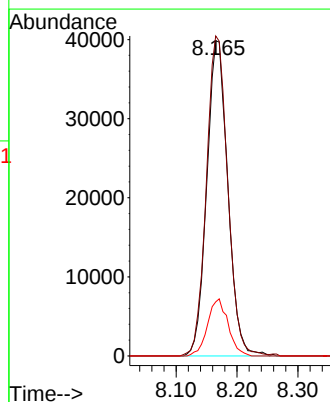
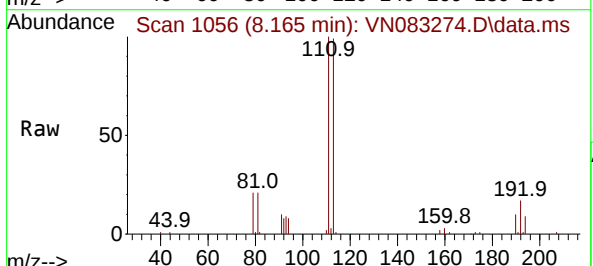
Tgt Ion:113 Resp: 95831

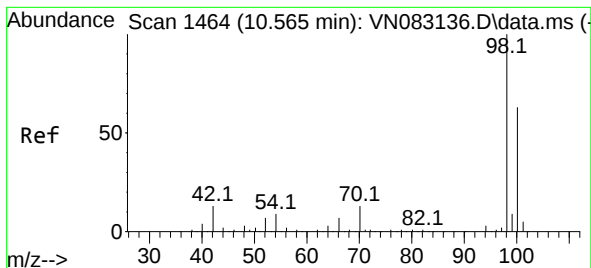
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 17.7 14.9 22.3





#50

Toluene-d8

Concen: 53.695 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083274.D

Acq: 14 Aug 2024 03:22

Instrument :

MSVOA_N

ClientSampleId :

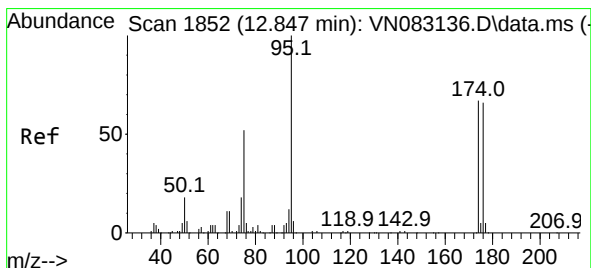
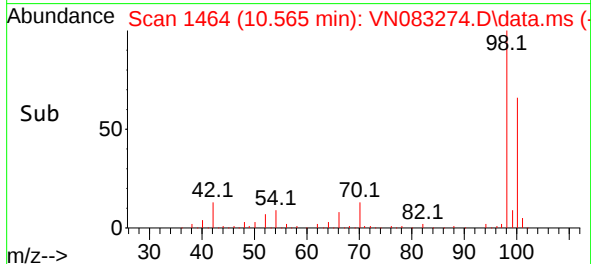
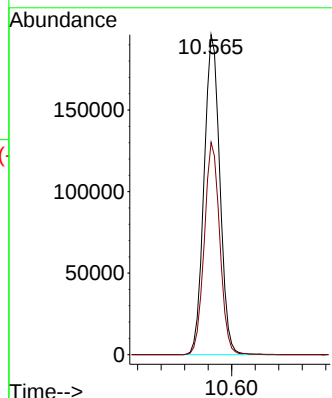
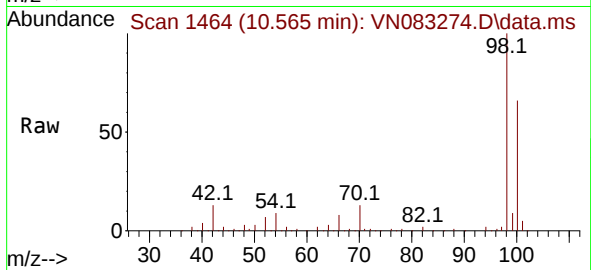
VN0813WBL02

Tgt Ion: 98 Resp: 365836

Ion Ratio Lower Upper

98 100

100 65.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 57.463 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083274.D

Acq: 14 Aug 2024 03:22

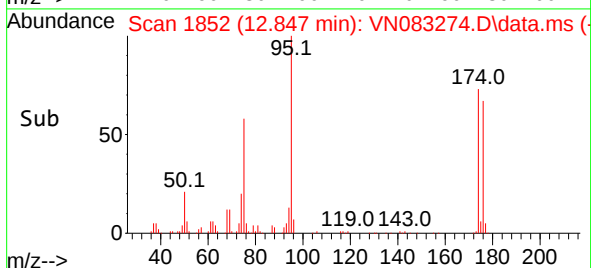
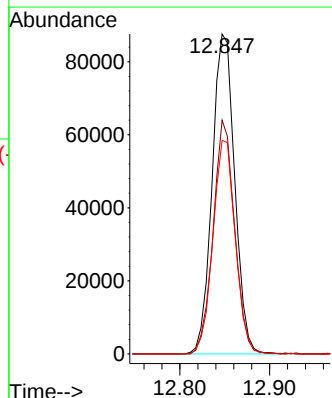
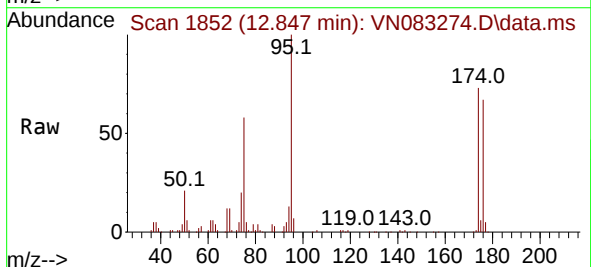
Tgt Ion: 95 Resp: 152632

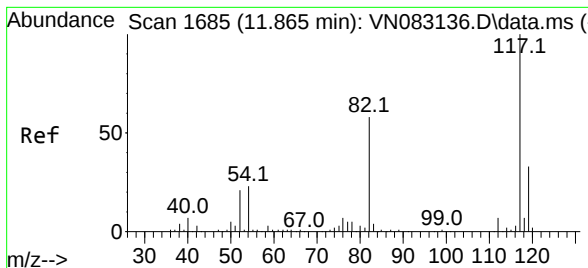
Ion Ratio Lower Upper

95 100

174 69.6 0.0 159.2

176 66.3 0.0 147.6

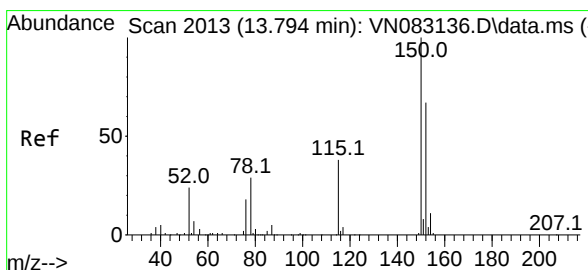
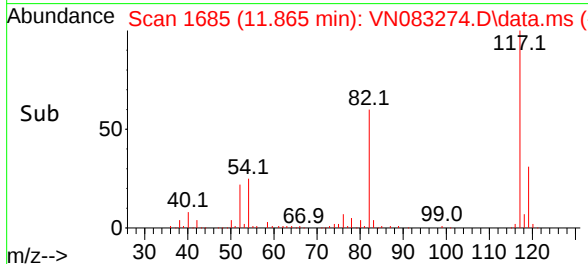
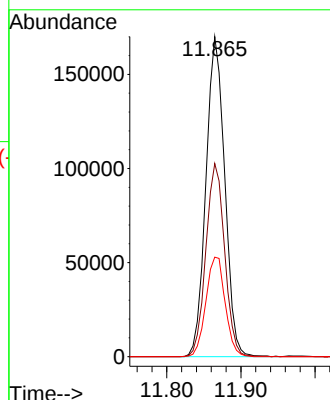
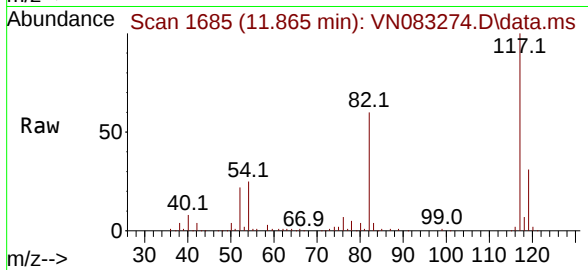




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083274.D
Acq: 14 Aug 2024 03:22

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL02

Tgt Ion:117 Resp: 300089
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 31.1 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: VN083274.D
Acq: 14 Aug 2024 03:22

Tgt Ion:152 Resp: 135334
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 158.5 0.0 348.6

