

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082763.D
 Acq On : 01 Jul 2024 14:15
 Operator : JC\MD
 Sample : P3110-04
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 66

Quant Time: Jul 02 00:07:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	77245	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.100	114	145987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	146424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	61809	51.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.780%
35) Dibromofluoromethane	8.159	113	49409	51.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.800%
50) Toluene-d8	10.565	98	186958	52.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.020%
62) 4-Bromofluorobenzene	12.853	95	72812	58.984	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	117.960%

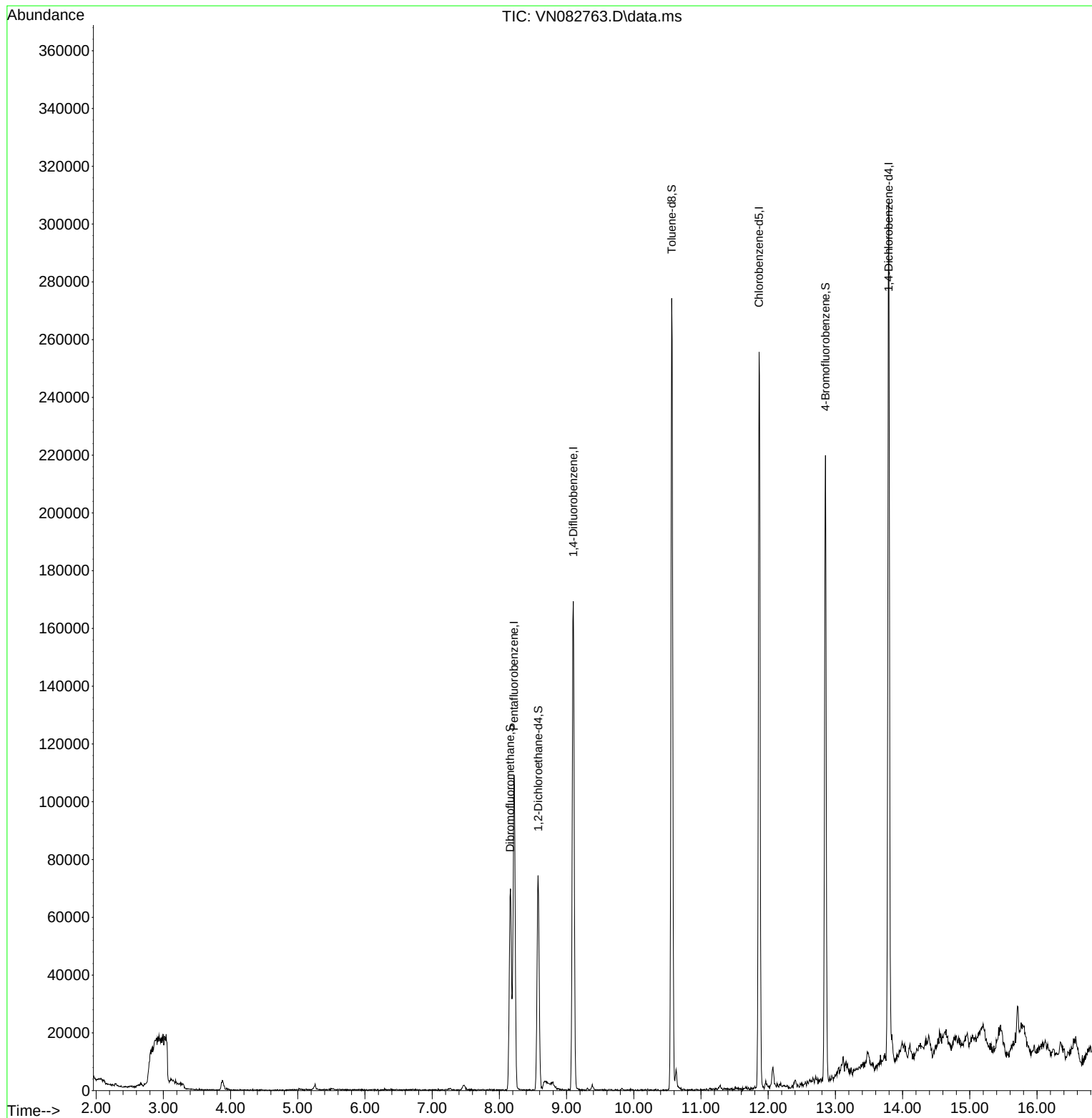
Target Compounds	Qvalue

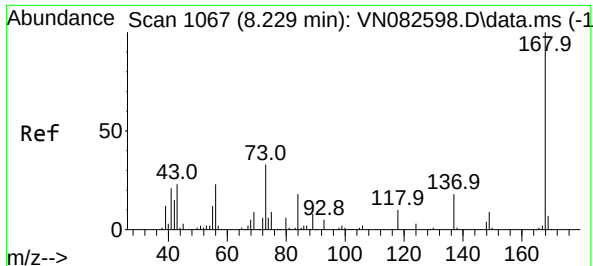
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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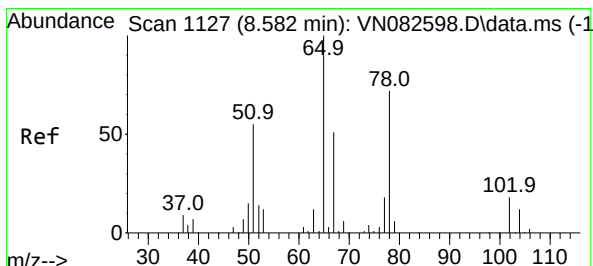
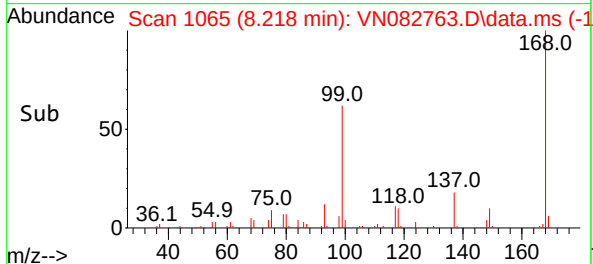
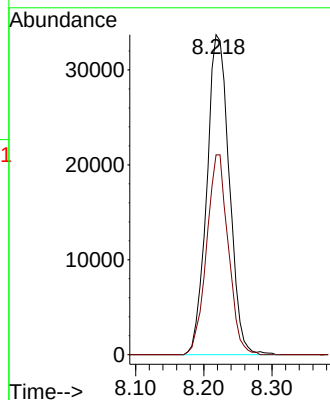
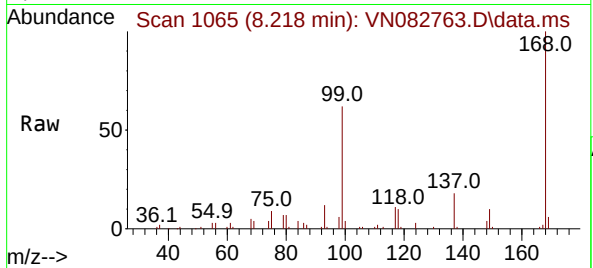




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.011 min
Lab File: VN082763.D
Acq: 01 Jul 2024 14:15

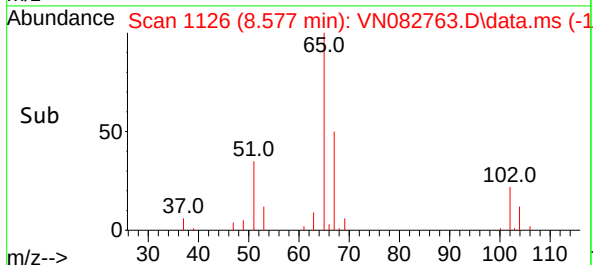
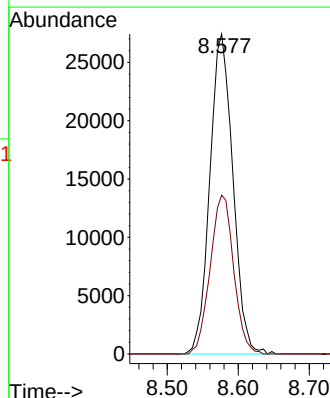
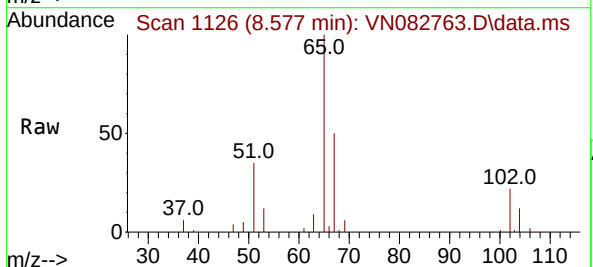
Instrument :
MSVOA_N
ClientSampleId :
66

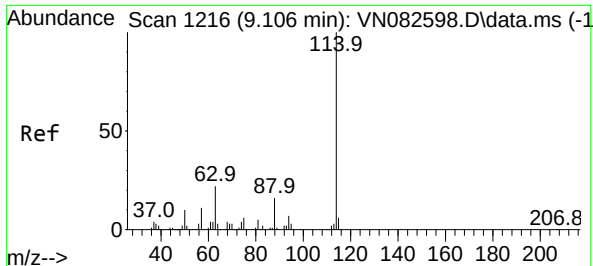
Tgt Ion:168 Resp: 77245
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.887 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082763.D
Acq: 01 Jul 2024 14:15

Tgt Ion: 65 Resp: 61809
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082763.D

Acq: 01 Jul 2024 14:15

Instrument :

MSVOA_N

ClientSampleId :

66

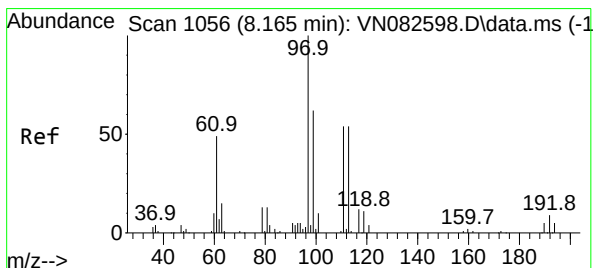
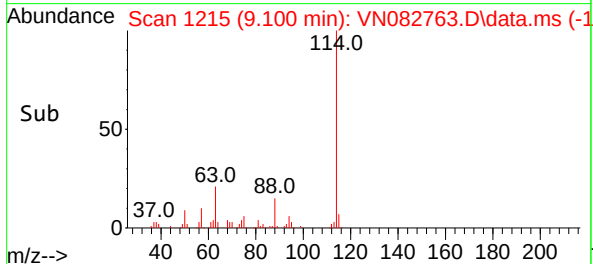
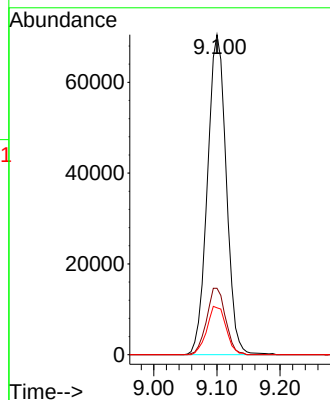
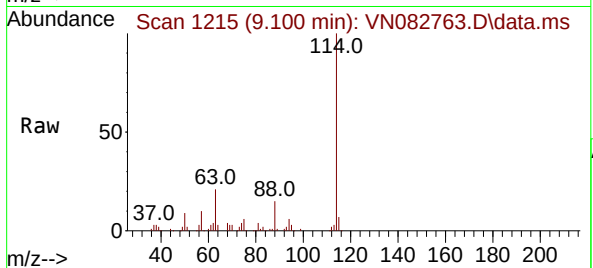
Tgt Ion:114 Resp: 145987

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.405 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN082763.D

Acq: 01 Jul 2024 14:15

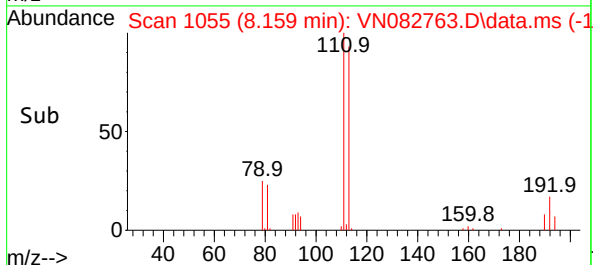
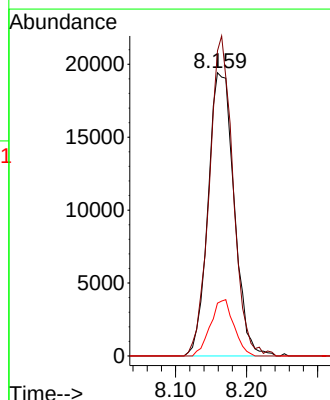
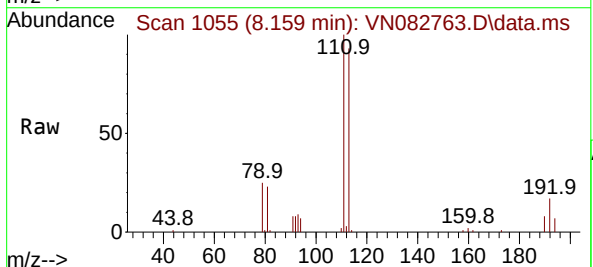
Tgt Ion:113 Resp: 49409

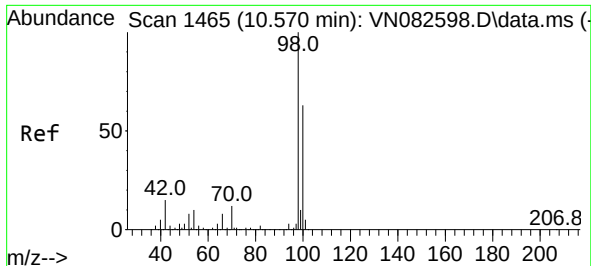
Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 17.9 14.9 22.3

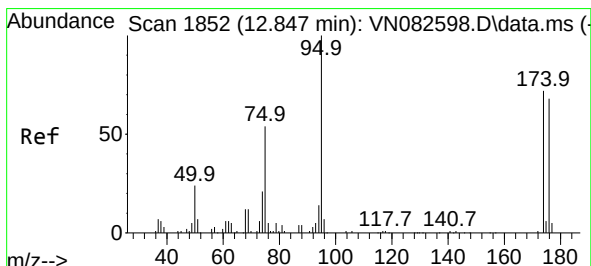
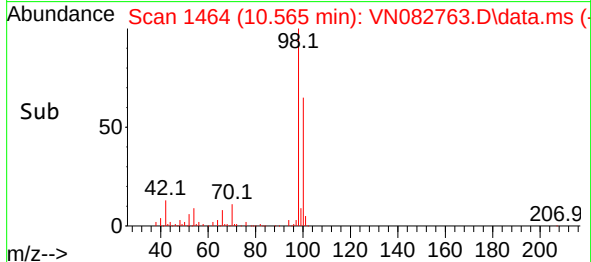
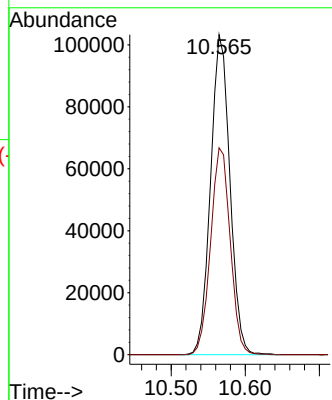
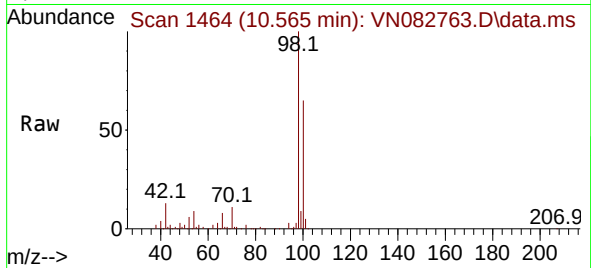




#50
Toluene-d8
Concen: 52.011 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082763.D
Acq: 01 Jul 2024 14:15

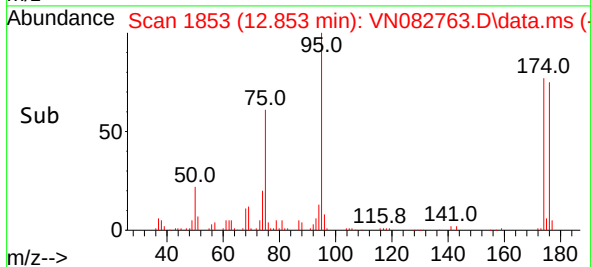
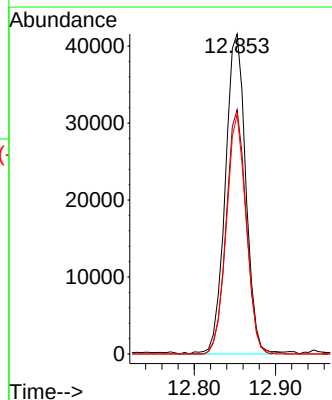
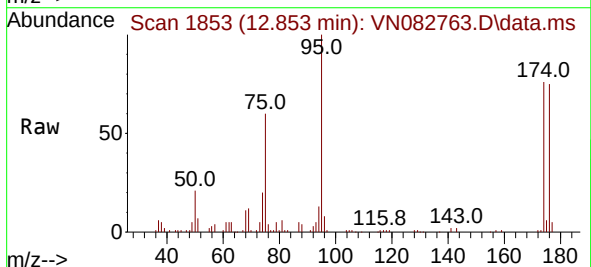
Instrument :
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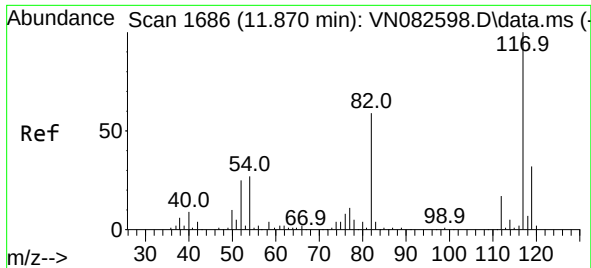
Tgt Ion: 98 Resp: 186958
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.984 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082763.D
Acq: 01 Jul 2024 14:15

Tgt Ion: 95 Resp: 72812
Ion Ratio Lower Upper
95 100
174 74.5 0.0 159.2
176 72.1 0.0 147.6

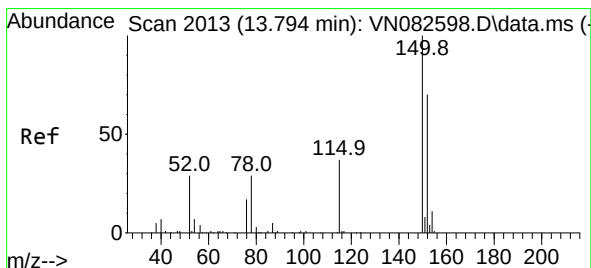
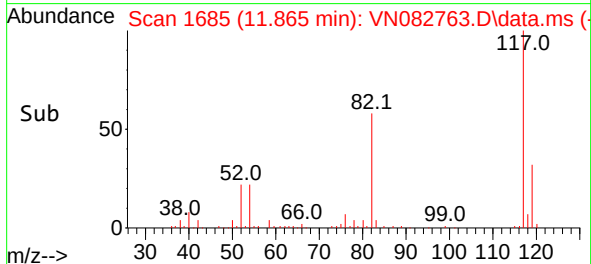
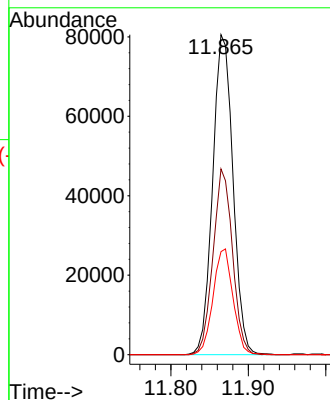
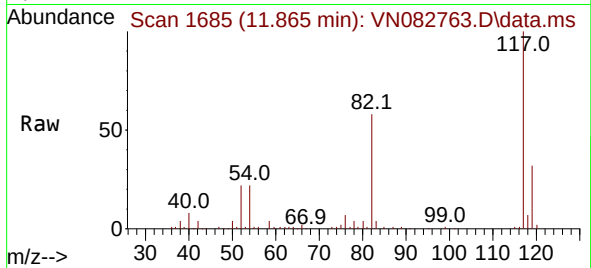




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082763.D
Acq: 01 Jul 2024 14:15

Instrument :
MSVOA_N
ClientSampleId :
66

Tgt Ion:117 Resp: 146424
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 32.2 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: VN082763.D
Acq: 01 Jul 2024 14:15

Tgt Ion:152 Resp: 74594
Ion Ratio Lower Upper
152 100
115 62.8 30.6 91.6
150 156.4 0.0 348.6

