

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083474.D
 Acq On : 26 Aug 2024 11:33
 Operator : JC\MD
 Sample : VN0826WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBL01

Quant Time: Aug 27 01:51:35 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	122134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99485	57.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.460%
35) Dibromofluoromethane	8.171	113	80287	51.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.660%
50) Toluene-d8	10.565	98	283352	49.038	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.853	95	130193	57.795	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.600%

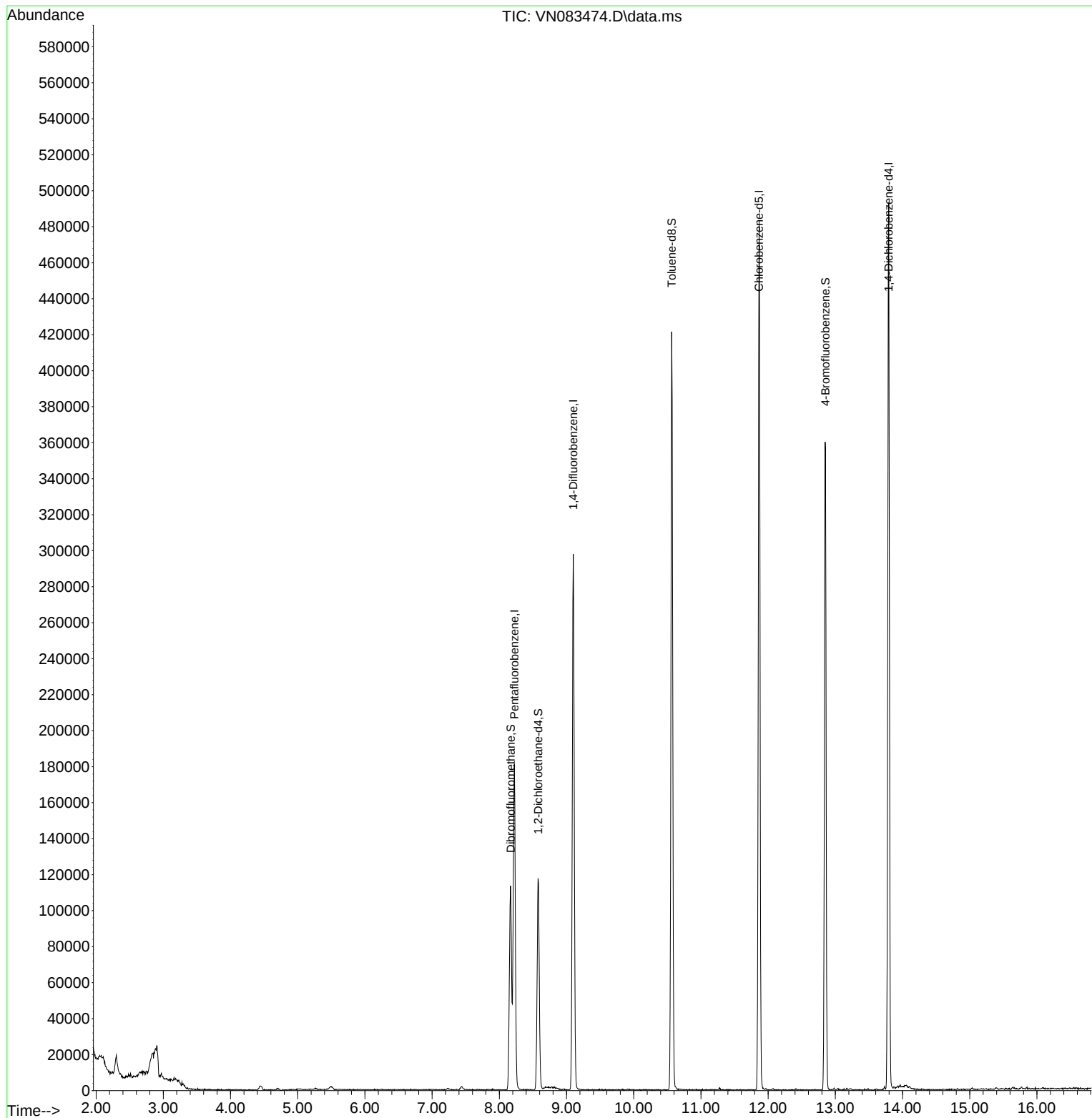
Target Compounds	Qvalue

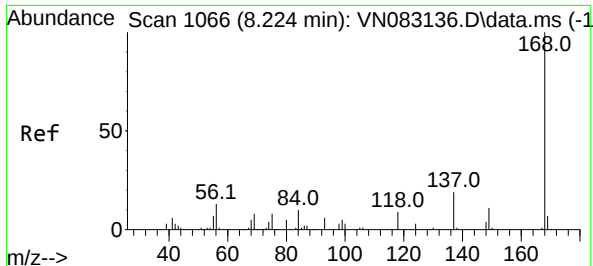
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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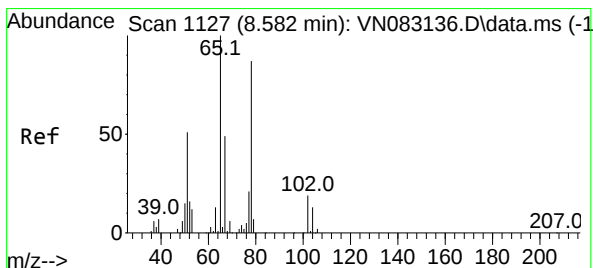
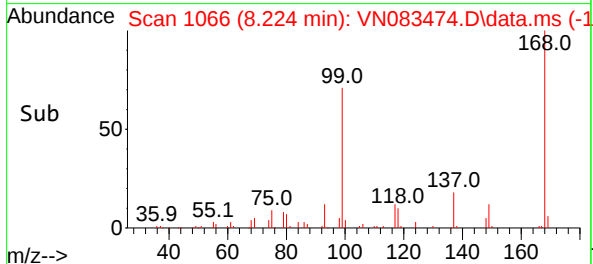
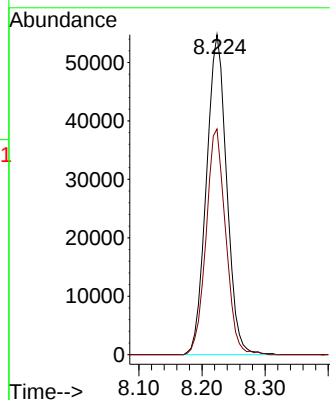
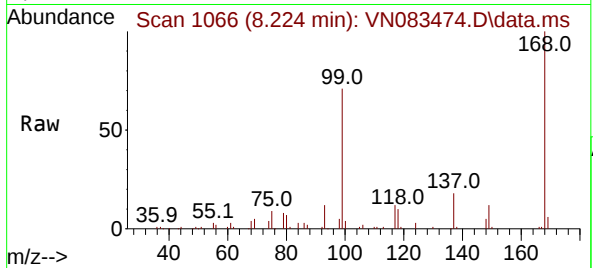




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083474.D
Acq: 26 Aug 2024 11:33

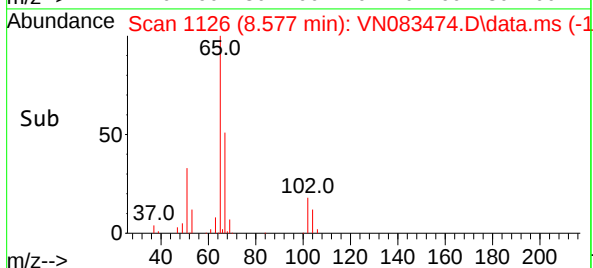
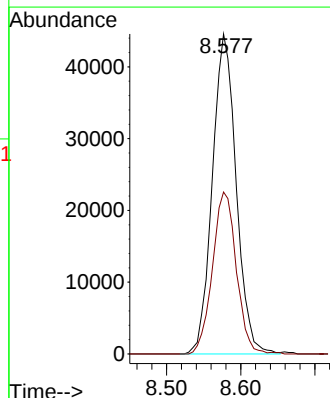
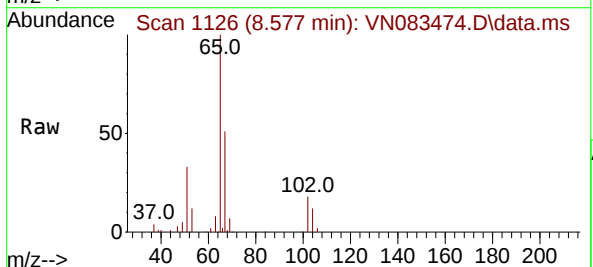
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

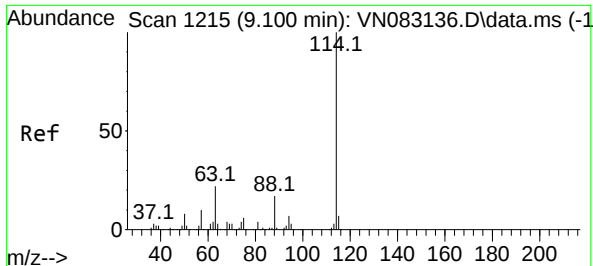
Tgt Ion:168 Resp: 122134
Ion Ratio Lower Upper
168 100
99 70.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.227 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083474.D
Acq: 26 Aug 2024 11:33

Tgt Ion: 65 Resp: 99485
Ion Ratio Lower Upper
65 100
67 50.7 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: VN083474.D

Acq: 26 Aug 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBL01

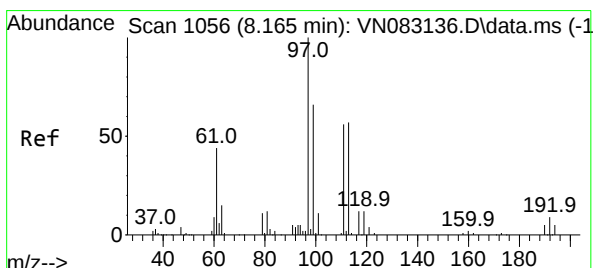
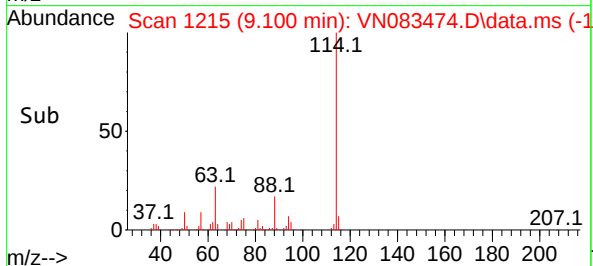
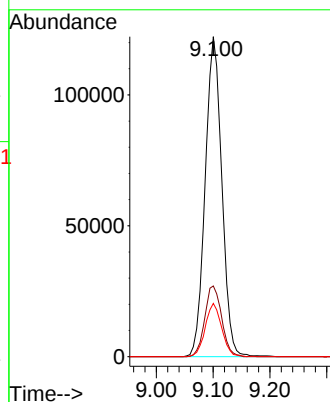
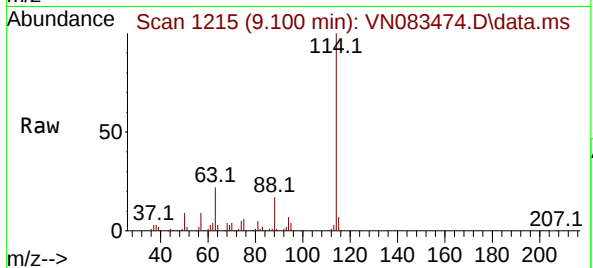
Tgt Ion:114 Resp: 248168

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.831 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083474.D

Acq: 26 Aug 2024 11:33

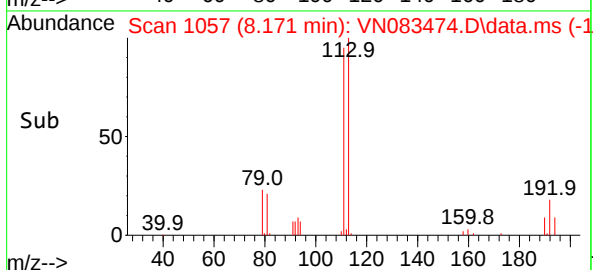
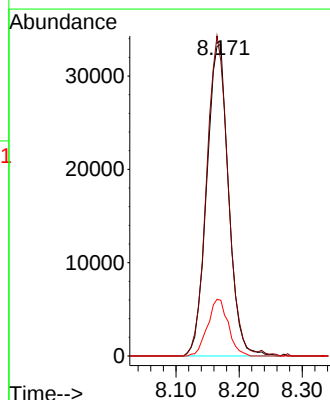
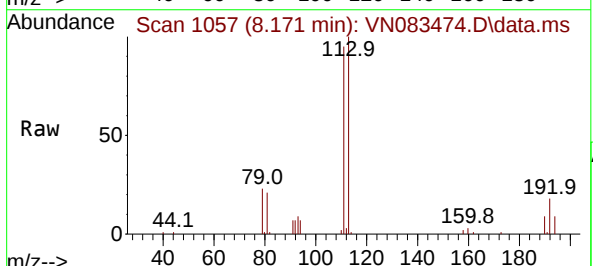
Tgt Ion:113 Resp: 80287

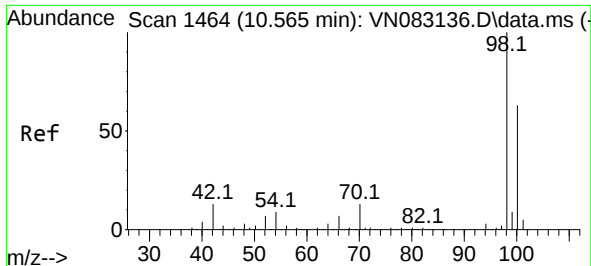
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 17.2 14.9 22.3

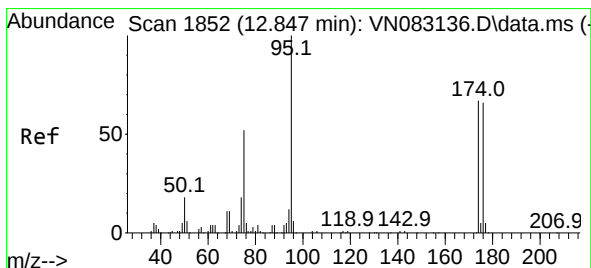
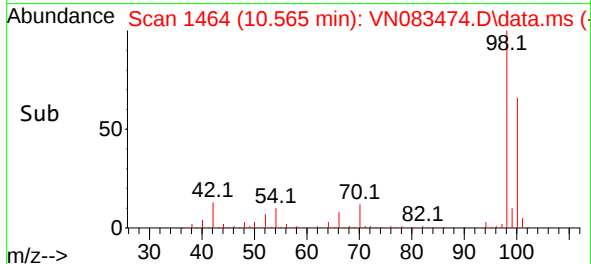
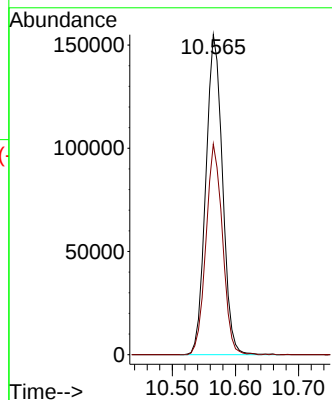
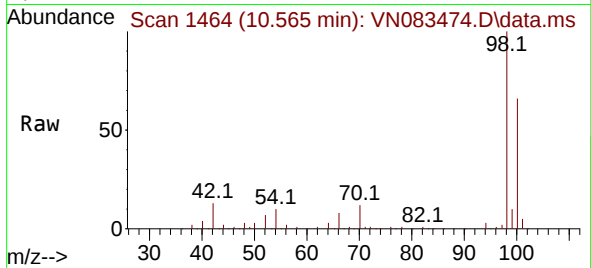




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083474.D
Acq: 26 Aug 2024 11:33

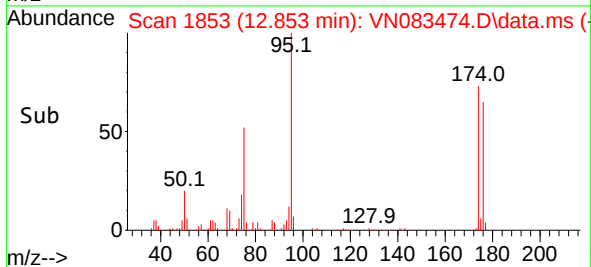
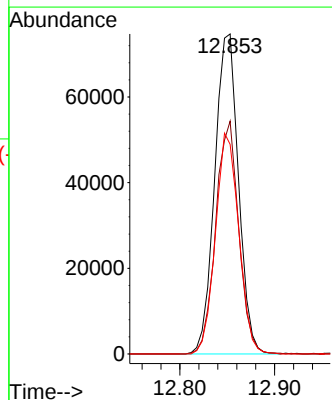
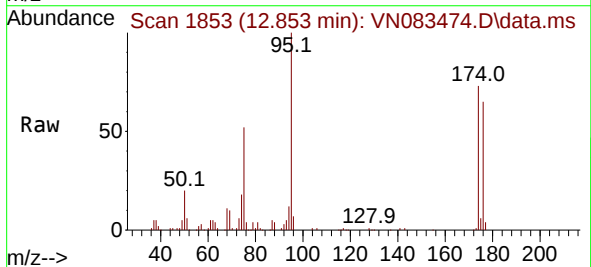
Instrument :
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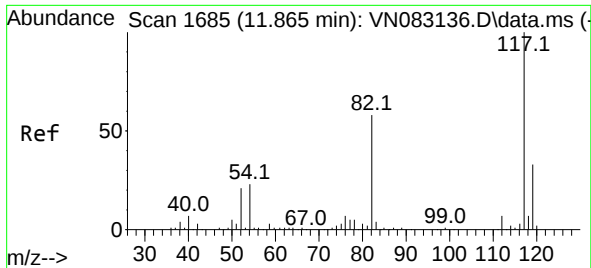
Tgt Ion: 98 Resp: 283352
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 57.795 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083474.D
Acq: 26 Aug 2024 11:33

Tgt Ion: 95 Resp: 130193
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 67.8 0.0 147.6

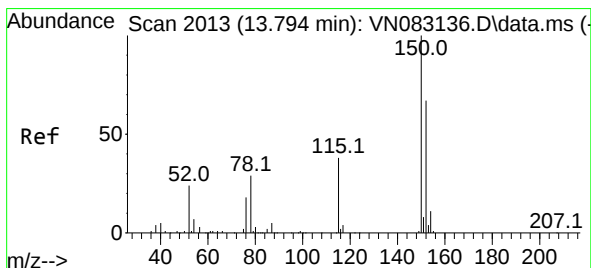
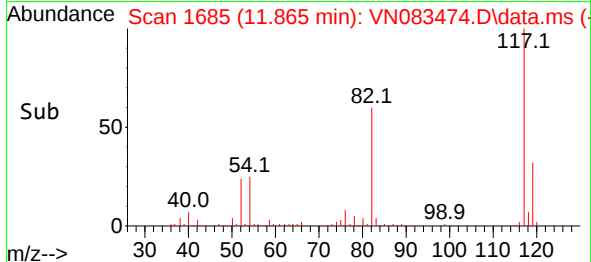
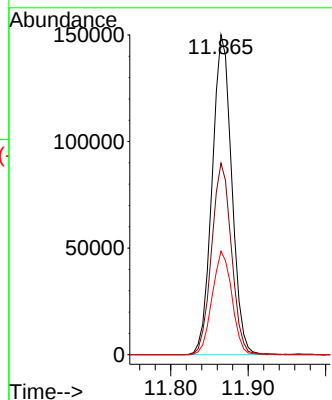
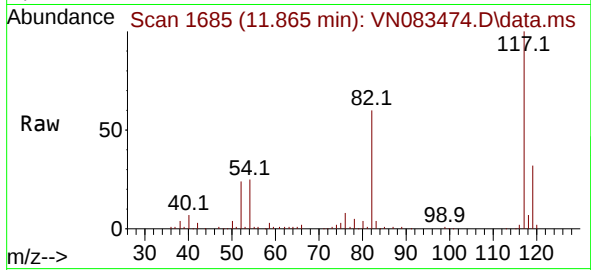




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083474.D
Acq: 26 Aug 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBL01

Tgt Ion:117 Resp: 263866
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 32.4 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: VN083474.D
Acq: 26 Aug 2024 11:33

Tgt Ion:152 Resp: 126736
Ion Ratio Lower Upper
152 100
115 63.3 30.6 91.6
150 156.5 0.0 348.6

