

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081487.D
 Acq On : 20 Mar 2024 12:26
 Operator : JC\MD
 Sample : VN0320MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320MBL01

Quant Time: Mar 21 01:16:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	476534	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	787561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	658150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	279953	46.067	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.140%
35) Dibromofluoromethane	8.165	113	237852	47.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.565	98	895641	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.847	95	273546	43.208	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.420%

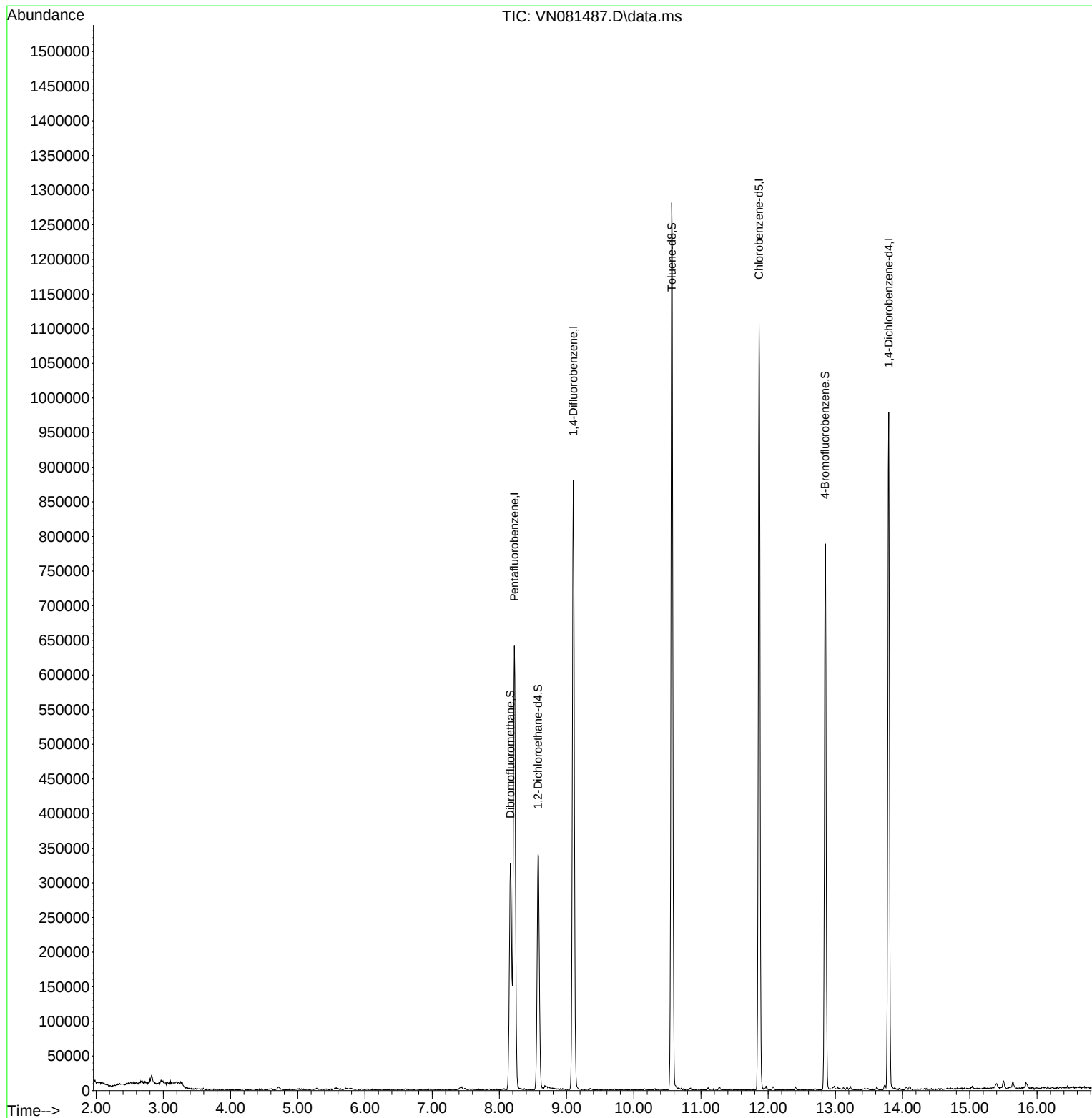
Target Compounds	Qvalue

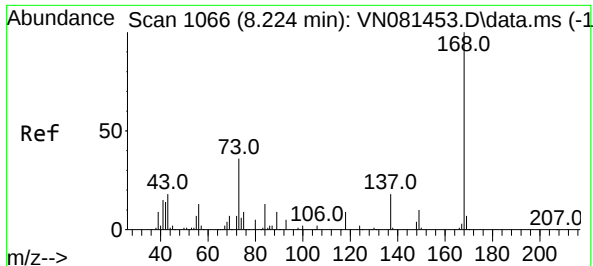
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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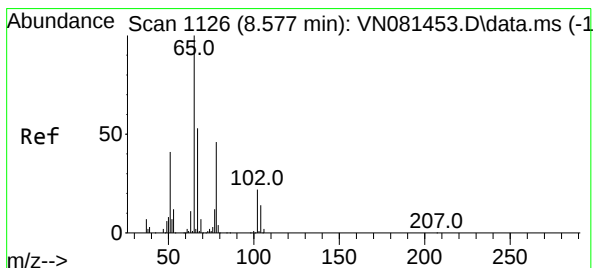
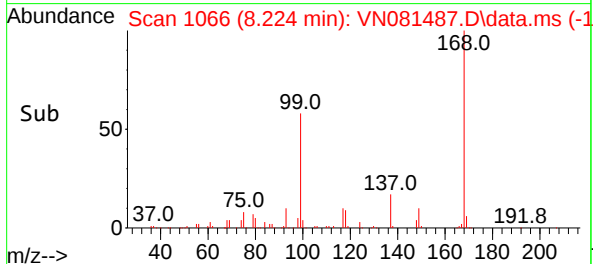
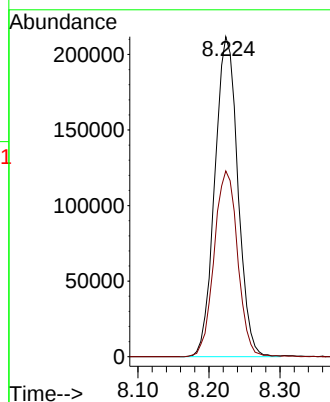
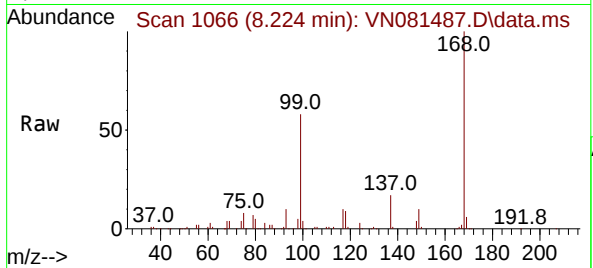




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081487.D
Acq: 20 Mar 2024 12:26

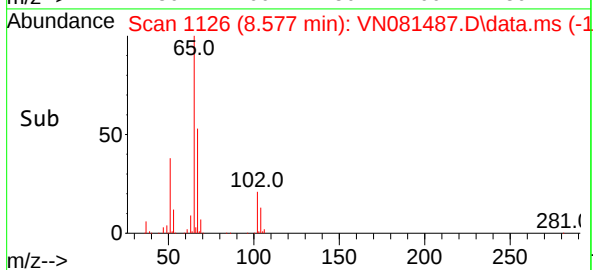
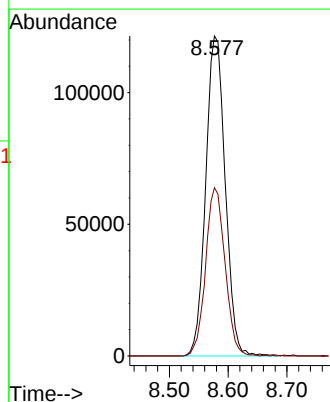
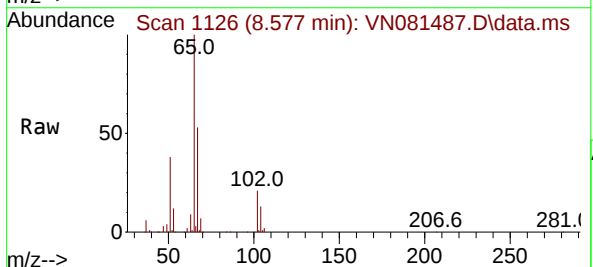
Instrument :
MSVOA_N
ClientSampleId :
VN0320MBL01

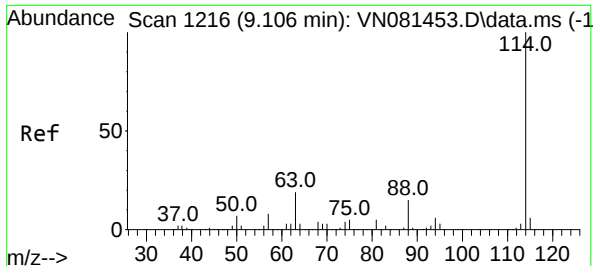
Tgt Ion:168 Resp: 476534
Ion Ratio Lower Upper
168 100
99 58.0 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 46.067 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081487.D
Acq: 20 Mar 2024 12:26

Tgt Ion: 65 Resp: 279953
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081487.D

Acq: 20 Mar 2024 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0320MBL01

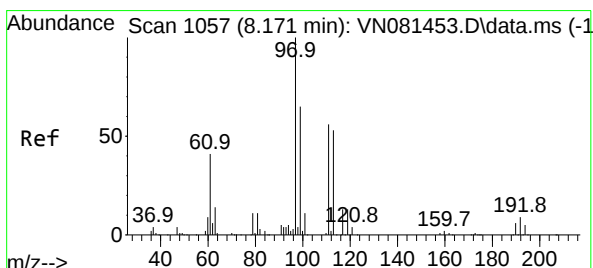
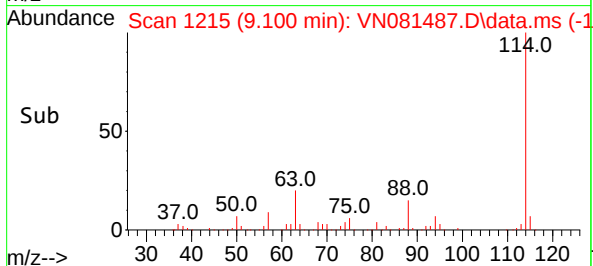
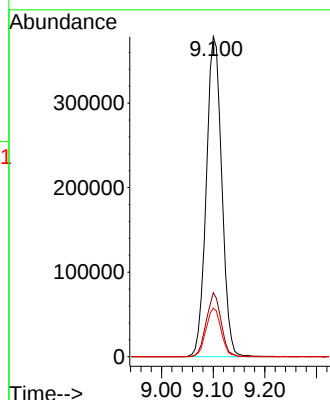
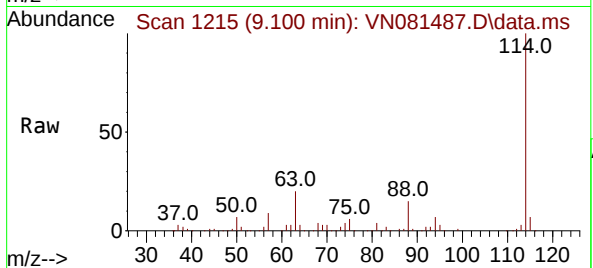
Tgt Ion:114 Resp: 787561

Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.855 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081487.D

Acq: 20 Mar 2024 12:26

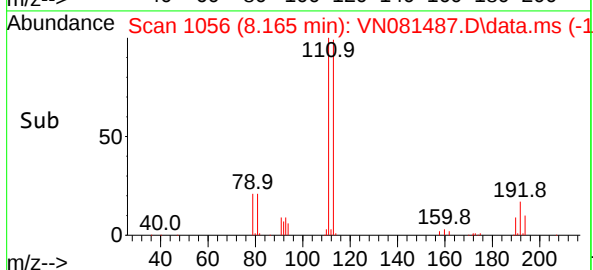
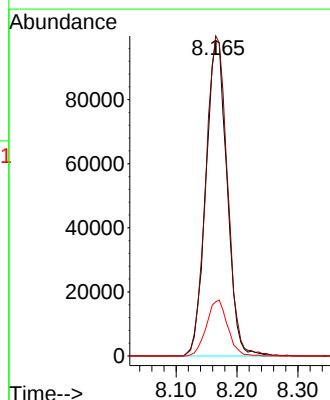
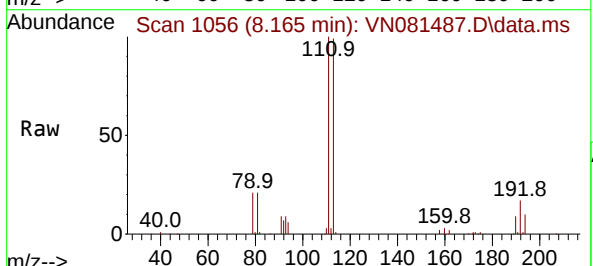
Tgt Ion:113 Resp: 237852

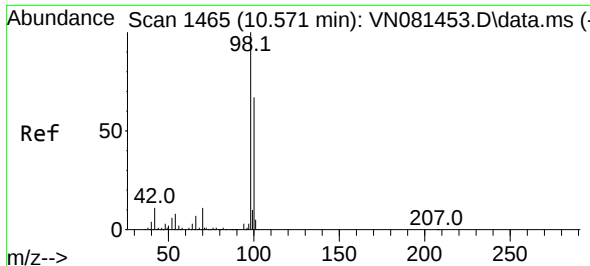
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 17.7 12.5 18.7

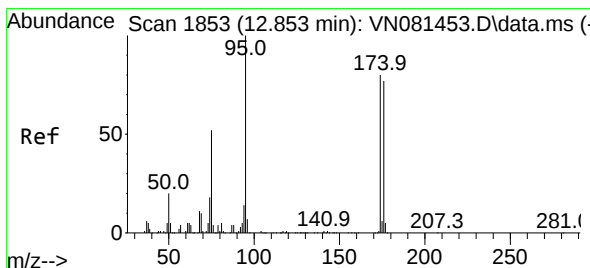
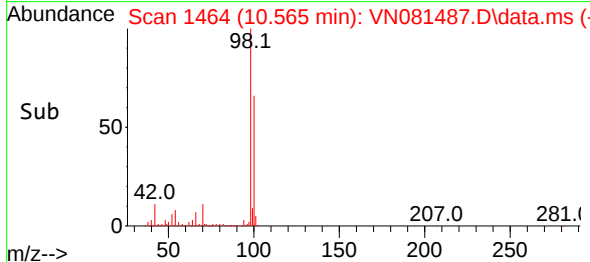
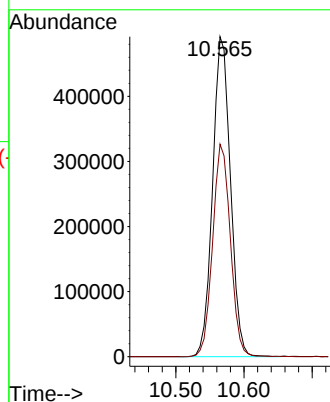
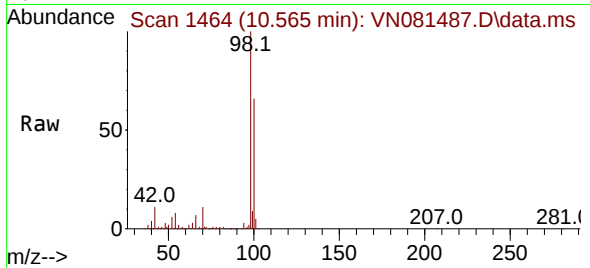




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081487.D
Acq: 20 Mar 2024 12:26

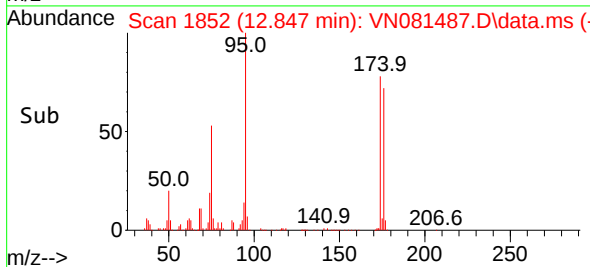
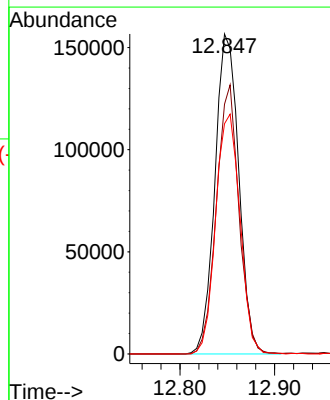
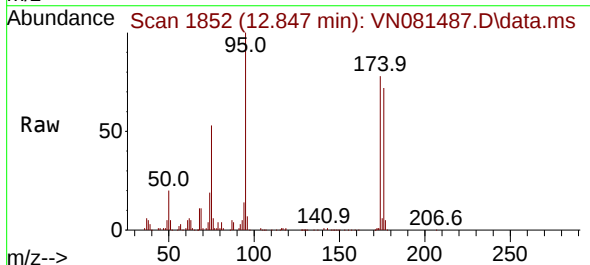
Instrument :
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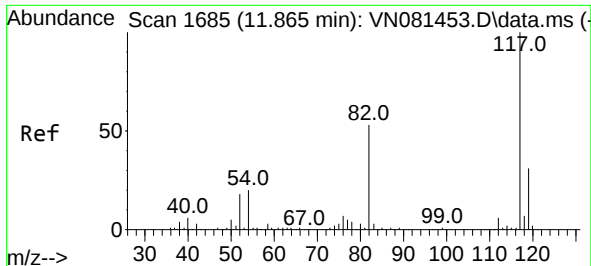
Tgt Ion: 98 Resp: 895641
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.208 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081487.D
Acq: 20 Mar 2024 12:26

Tgt Ion: 95 Resp: 273546
Ion Ratio Lower Upper
95 100
174 80.1 0.0 120.4
176 76.6 0.0 121.0

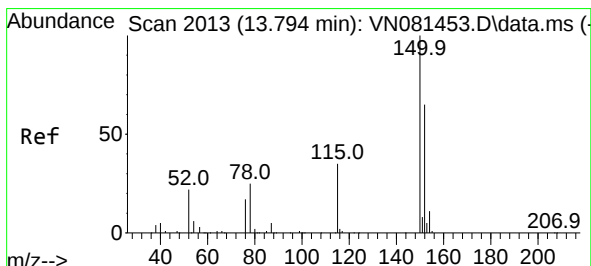
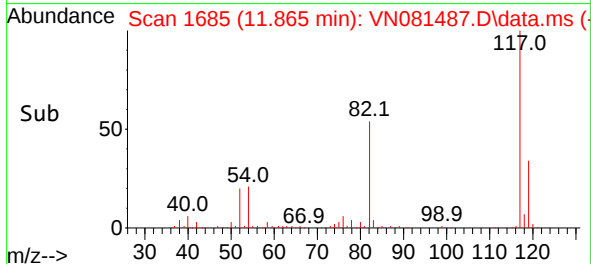
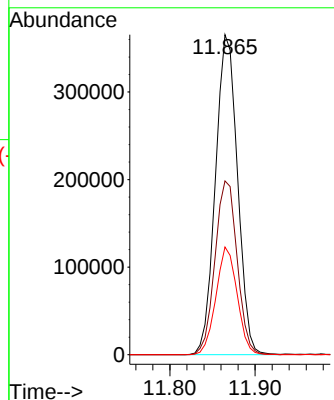
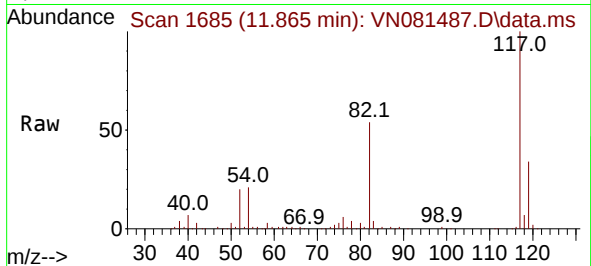




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081487.D
Acq: 20 Mar 2024 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0320MBL01

Tgt Ion:117 Resp: 658150
Ion Ratio Lower Upper
117 100
82 54.3 52.7 79.1
119 33.6 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081487.D
Acq: 20 Mar 2024 12:26

Tgt Ion:152 Resp: 259697
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 162.4 0.0 339.8

