

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083204.D
 Acq On : 10 Aug 2024 13:44
 Operator : JC\MD
 Sample : PB162558TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162558TB

Quant Time: Aug 12 01:50:32 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)

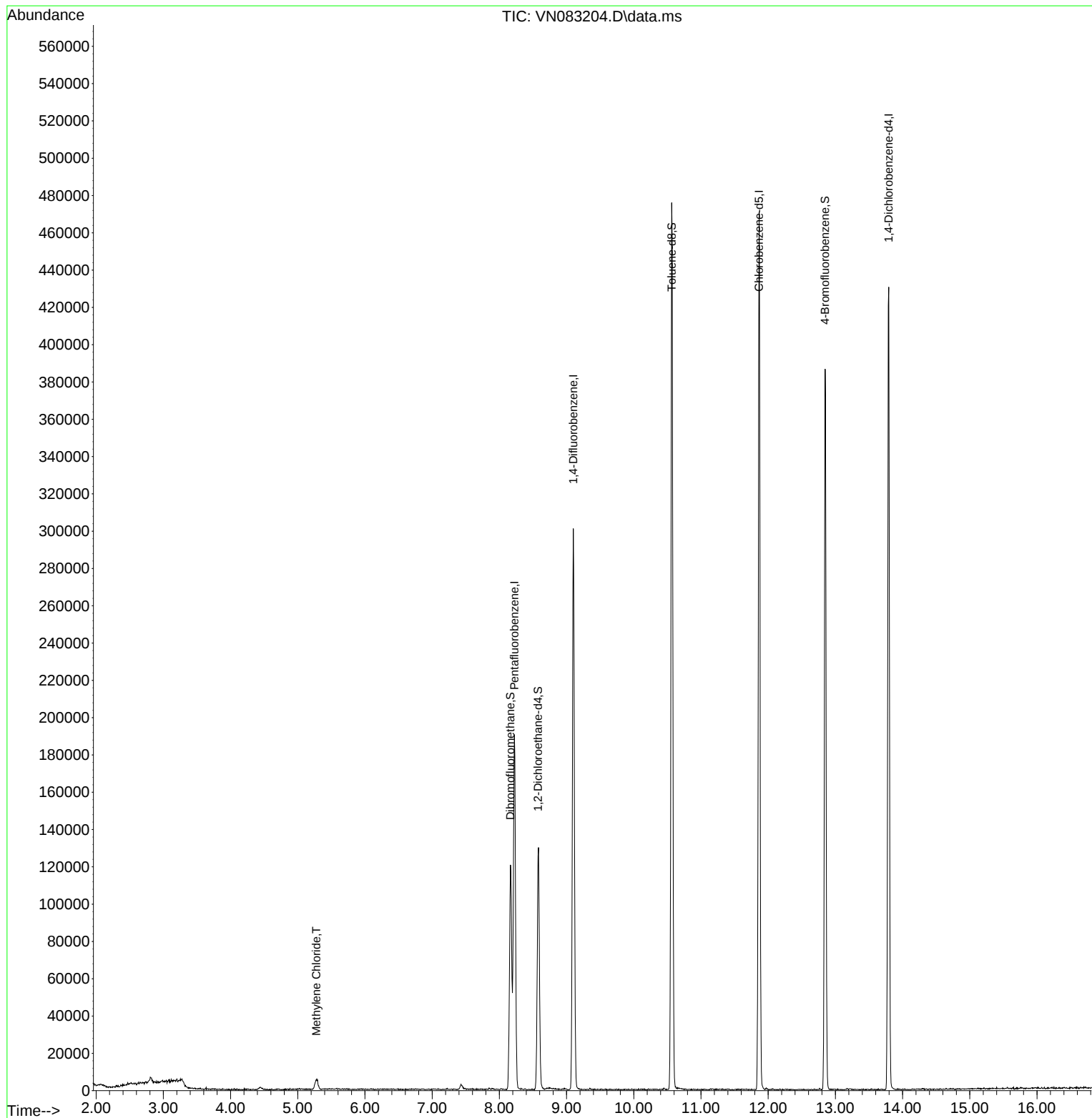
Internal Standards						
1) Pentafluorobenzene	8.224	168	131038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111055	59.541	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.080%
35) Dibromofluoromethane	8.165	113	86787	55.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.700%
50) Toluene-d8	10.565	98	324626	55.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.000%
62) 4-Bromofluorobenzene	12.847	95	136223	60.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	120.560%
Target Compounds						
						Qvalue
20) Methylene Chloride	5.277	84	4487	2.671	ug/l	# 77

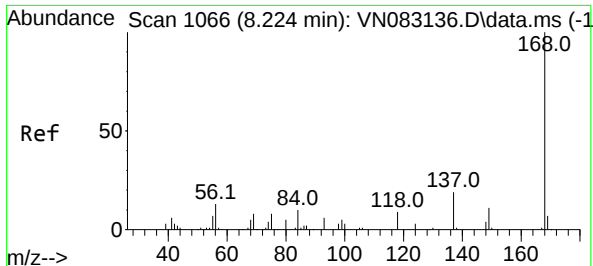
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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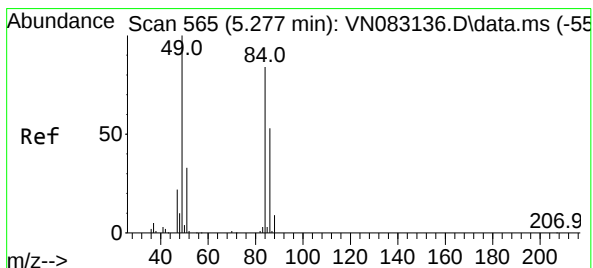
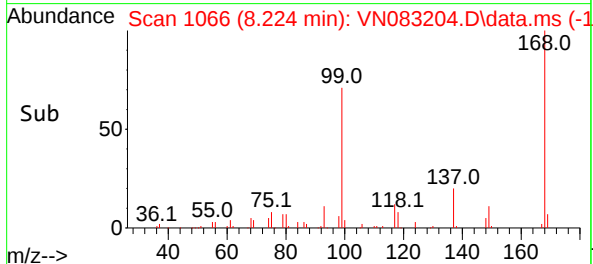
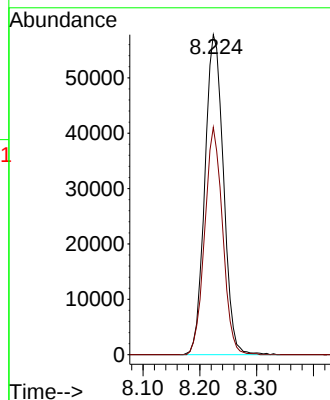
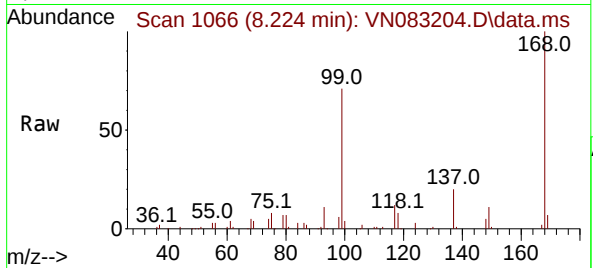




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

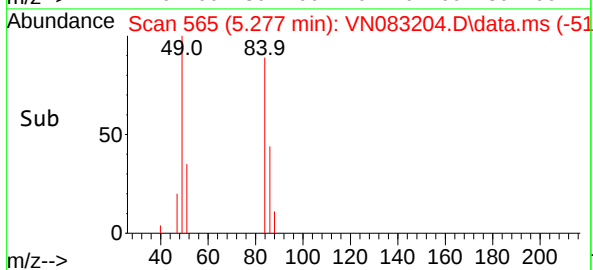
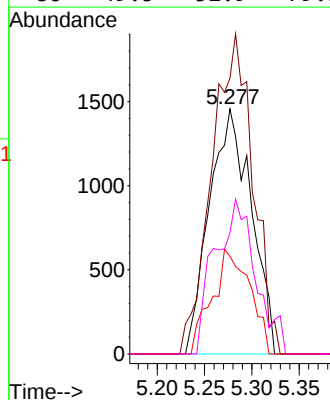
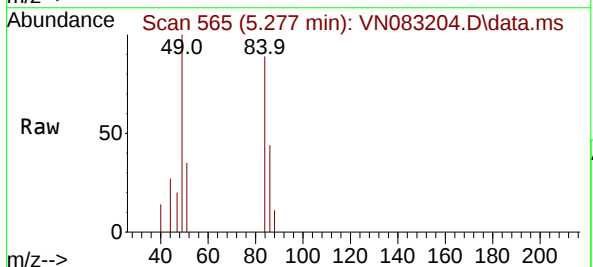
Instrument :
MSVOA_N
ClientSampleId :
PB162558TB

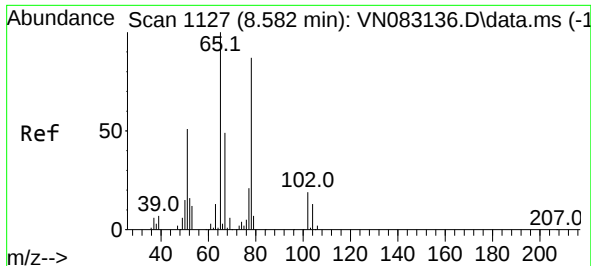
Tgt Ion:168 Resp: 131038
Ion Ratio Lower Upper
168 100
99 71.1 48.2 72.4



#20
Methylene Chloride
Concen: 2.671 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

Tgt Ion: 84 Resp: 4487
Ion Ratio Lower Upper
84 100
49 112.6 119.6 179.4#
51 39.9 34.8 52.2
86 49.5 52.9 79.3#





#33

1,2-Dichloroethane-d4

Concen: 59.541 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083204.D

Acq: 10 Aug 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

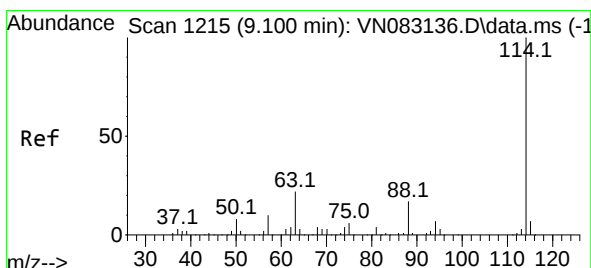
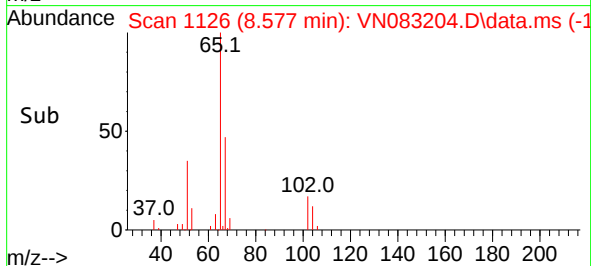
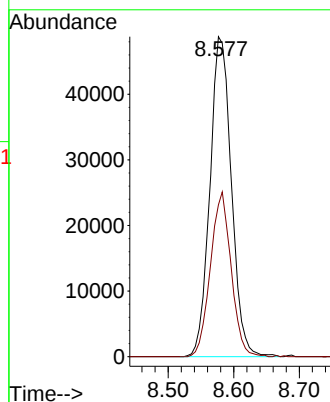
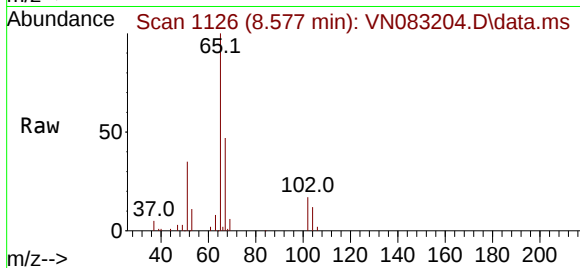
PB162558TB

Tgt Ion: 65 Resp: 111055

Ion Ratio Lower Upper

65 100

67 49.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083204.D

Acq: 10 Aug 2024 13:44

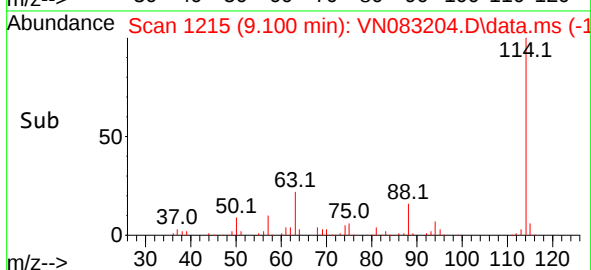
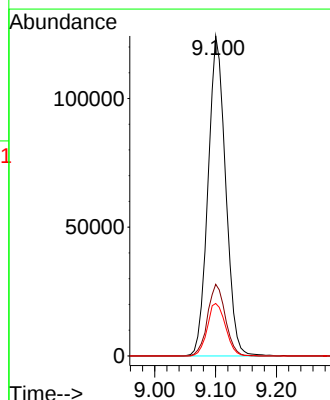
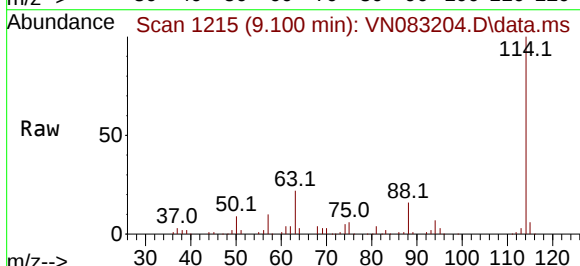
Tgt Ion: 114 Resp: 248976

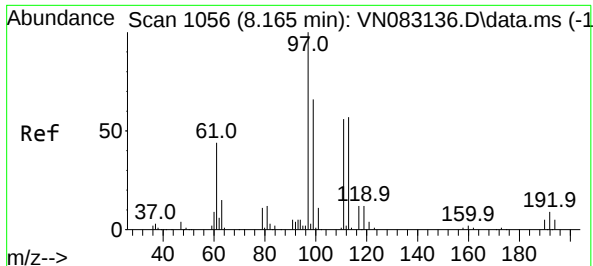
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.846 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083204.D

Acq: 10 Aug 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

PB162558TB

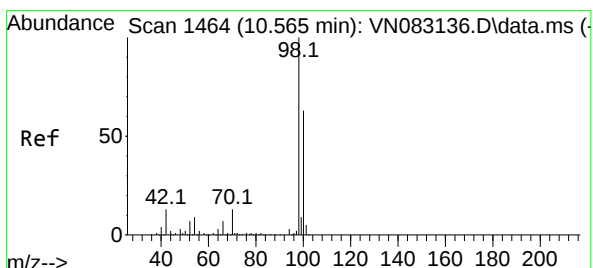
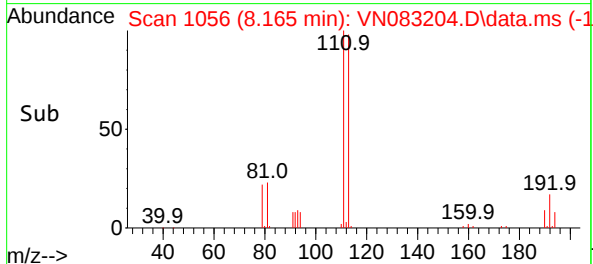
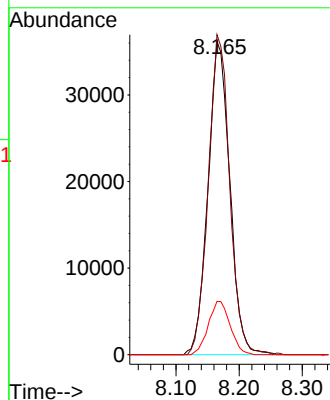
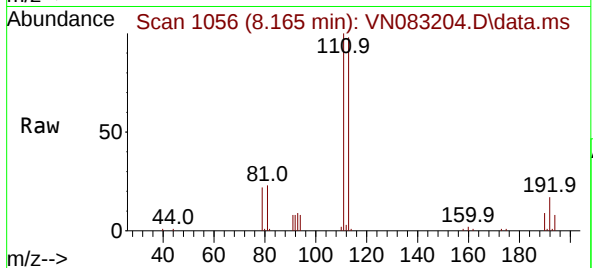
Tgt Ion:113 Resp: 86787

Ion Ratio Lower Upper

113 100

111 100.2 82.4 123.6

192 17.0 14.9 22.3



#50

Toluene-d8

Concen: 55.999 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083204.D

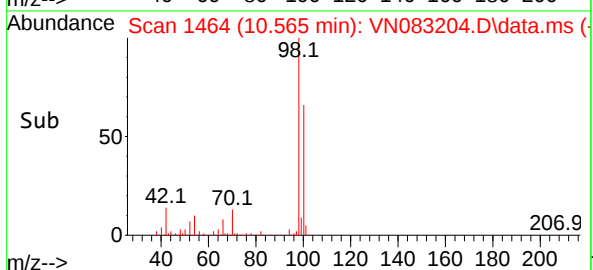
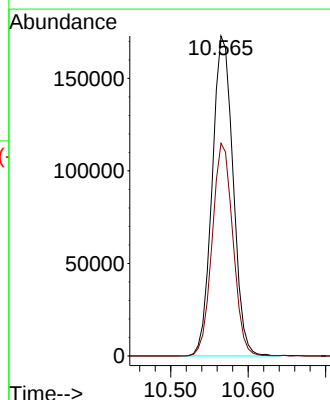
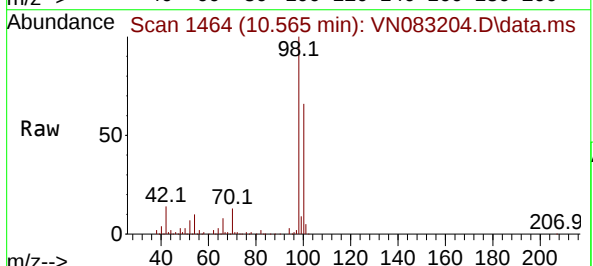
Acq: 10 Aug 2024 13:44

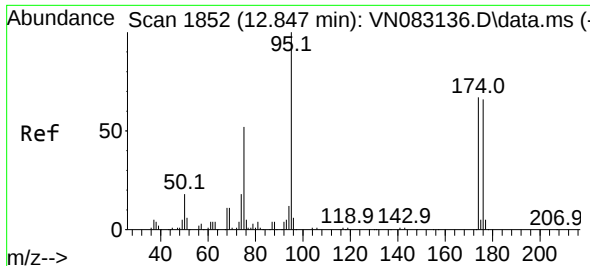
Tgt Ion: 98 Resp: 324626

Ion Ratio Lower Upper

98 100

100 65.9 51.5 77.3

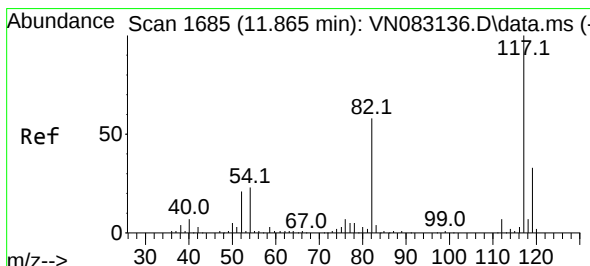
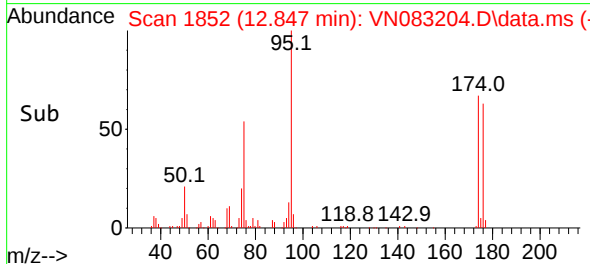
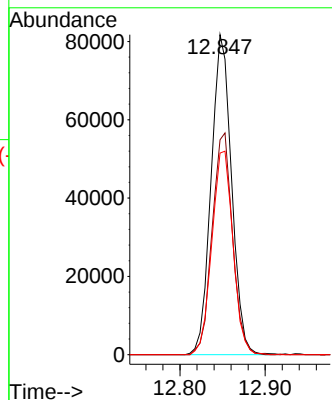
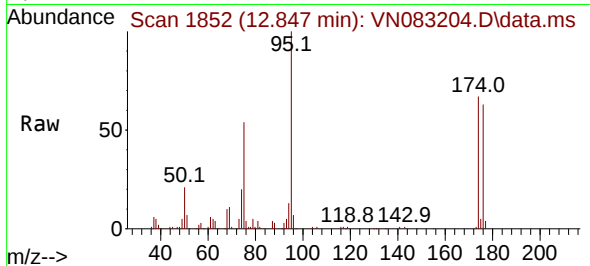




#62
4-Bromofluorobenzene
Concen: 60.276 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

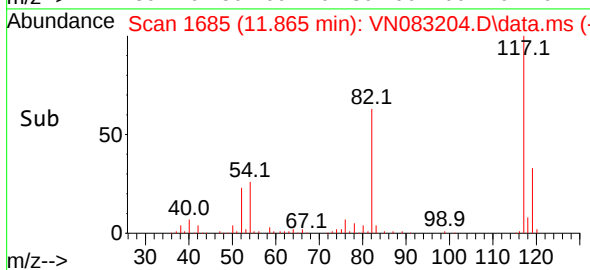
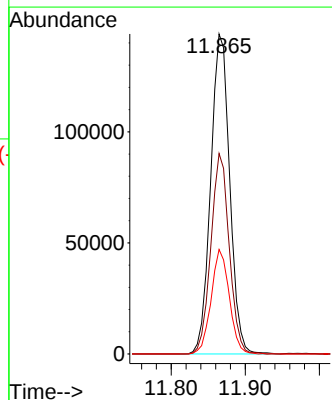
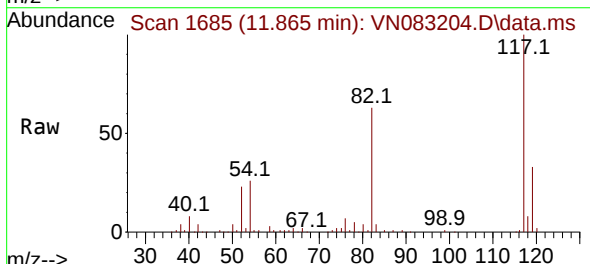
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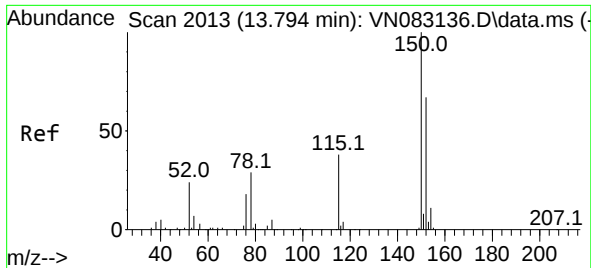
Tgt Ion: 95 Resp: 136223
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 65.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083204.D
Acq: 10 Aug 2024 13:44

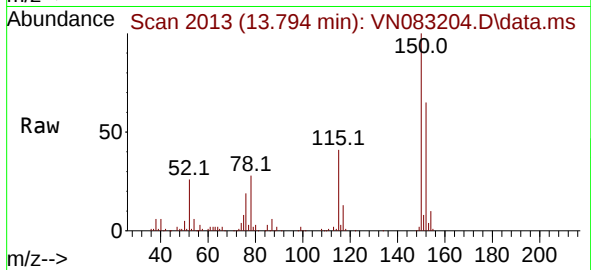
Tgt Ion: 117 Resp: 256264
Ion Ratio Lower Upper
117 100
82 62.6 47.5 71.3
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083204.D
 Acq: 10 Aug 2024 13:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162558TB



Tgt Ion:152 Resp: 116740
 Ion Ratio Lower Upper
 152 100
 115 62.9 30.6 91.6
 150 155.7 0.0 348.6

