

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083230.D
 Acq On : 12 Aug 2024 12:10
 Operator : JC\MD
 Sample : P3476-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MUL05

Quant Time: Aug 13 04:15:26 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)

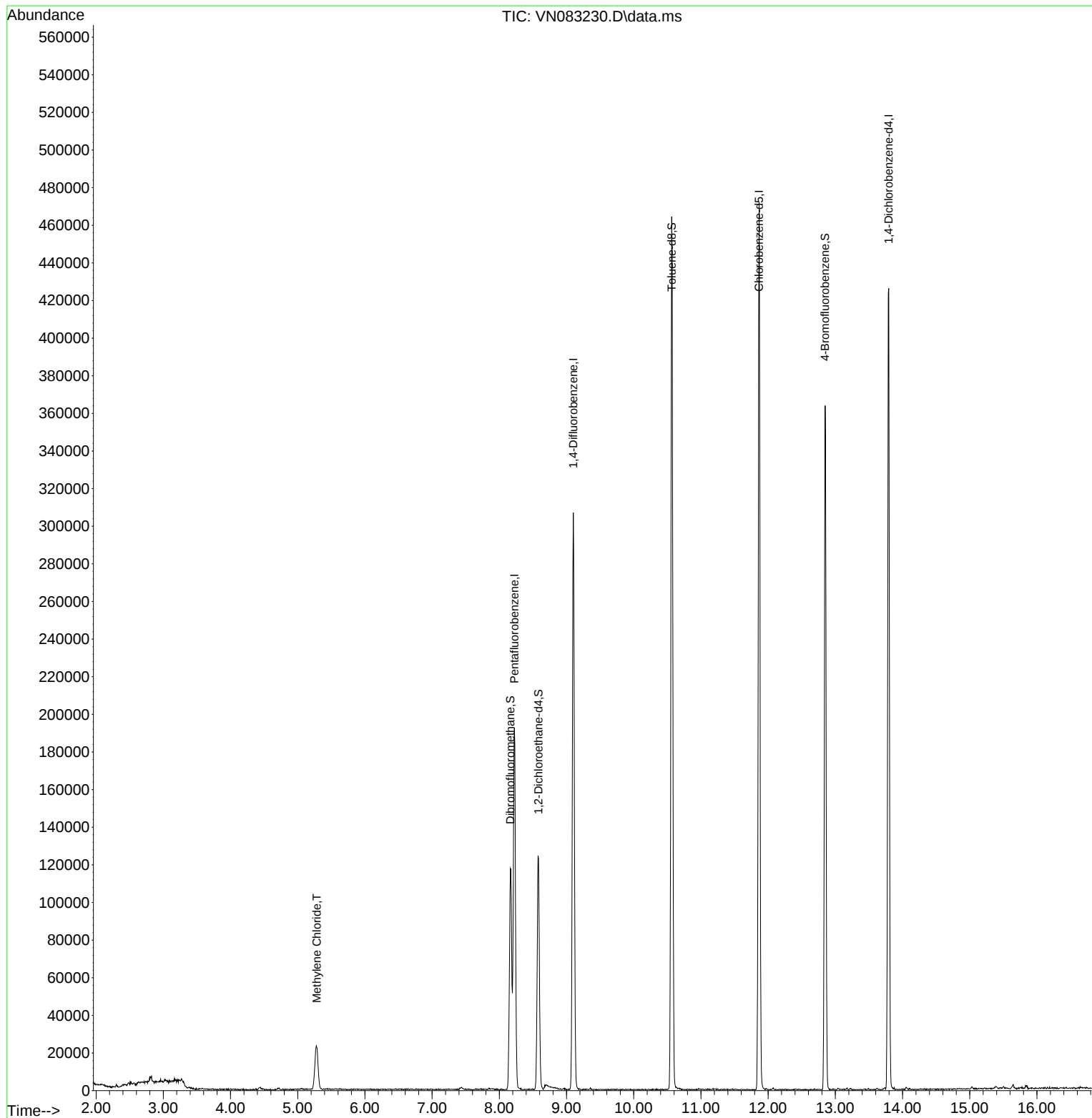
Internal Standards						
1) Pentafluorobenzene	8.224	168	135962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109312	56.484	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.960%	
35) Dibromofluoromethane	8.165	113	86143	53.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.620%	
50) Toluene-d8	10.565	98	325897	54.574	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.847	95	132995	57.126	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.260%	
Target Compounds						Qvalue
20) Methylene Chloride	5.283	84	18618	10.683	ug/l	84

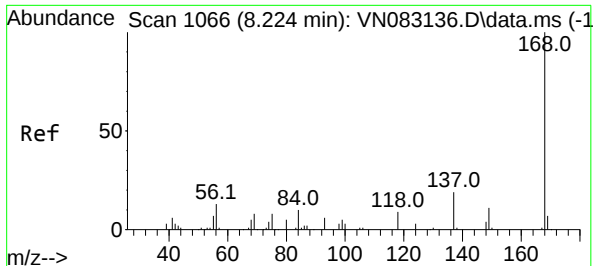
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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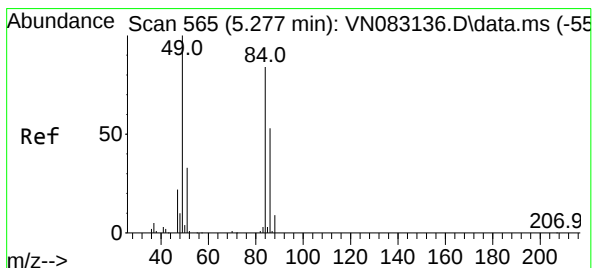
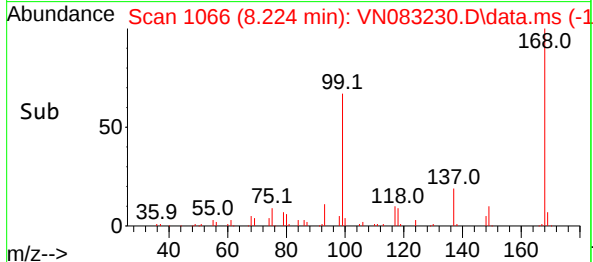
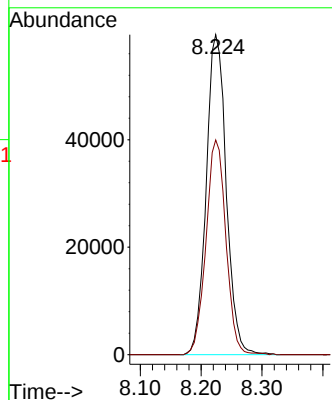
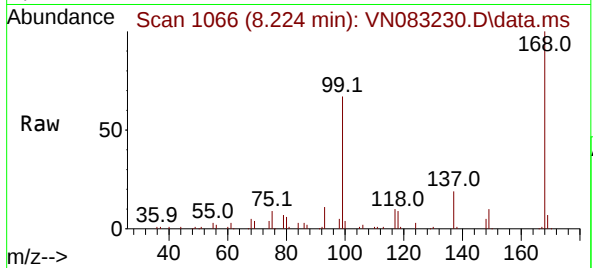




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

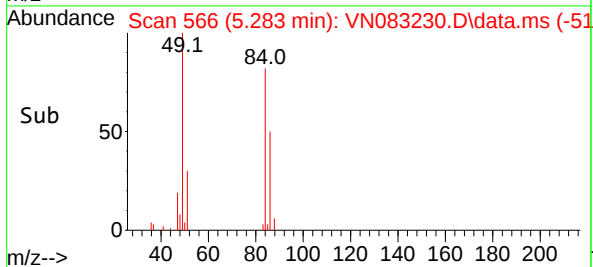
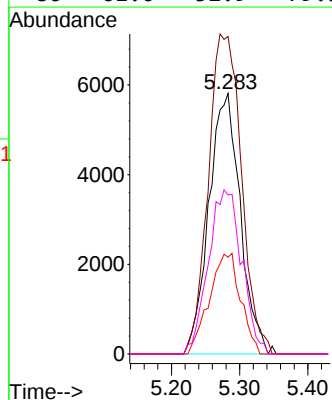
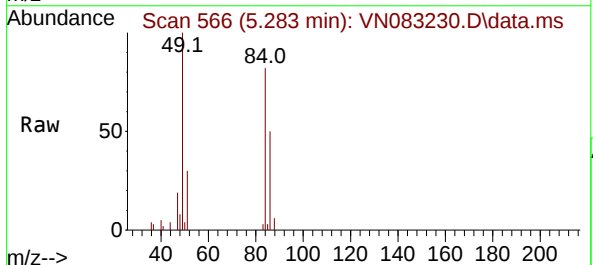
Instrument :
MSVOA_N
ClientSampleId :
MUL05

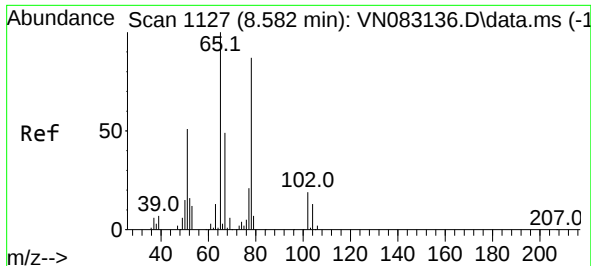
Tgt Ion:168 Resp: 135962
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#20
Methylene Chloride
Concen: 10.683 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

Tgt Ion: 84 Resp: 18618
Ion Ratio Lower Upper
84 100
49 121.9 119.6 179.4
51 37.2 34.8 52.2
86 61.0 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 56.484 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083230.D

Acq: 12 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

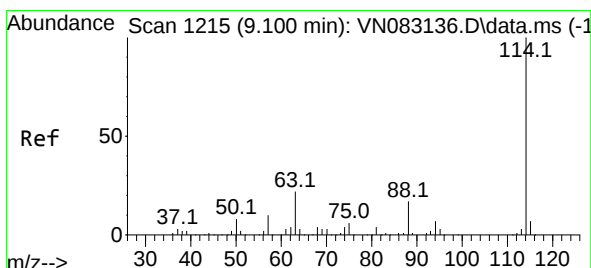
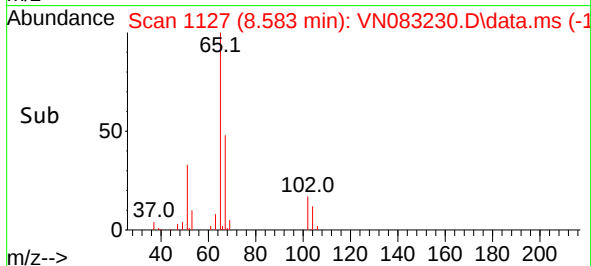
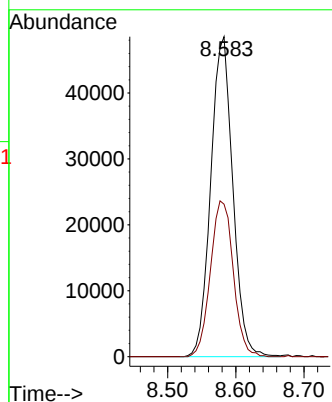
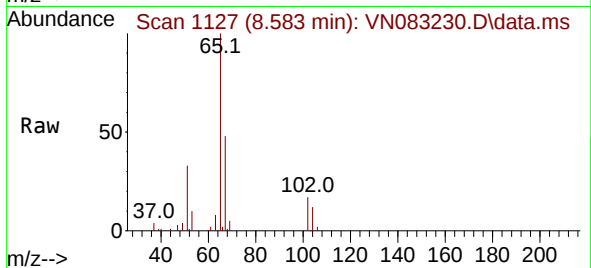
MUL05

Tgt Ion: 65 Resp: 109312

Ion Ratio Lower Upper

65 100

67 50.4 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: VN083230.D

Acq: 12 Aug 2024 12:10

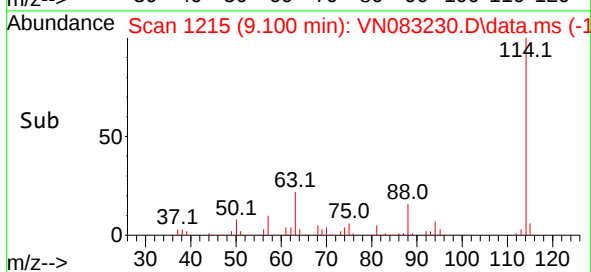
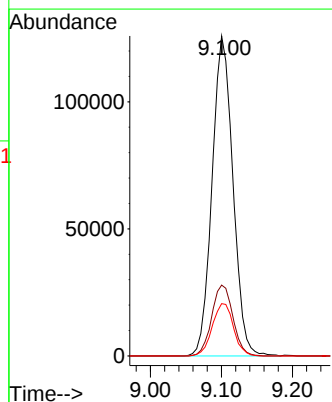
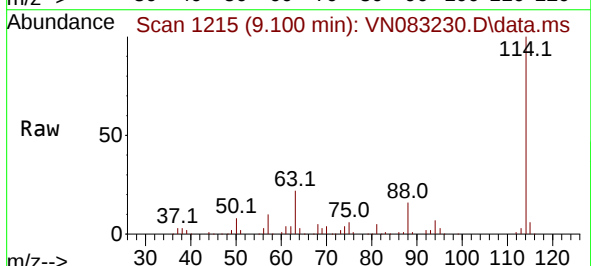
Tgt Ion: 114 Resp: 256478

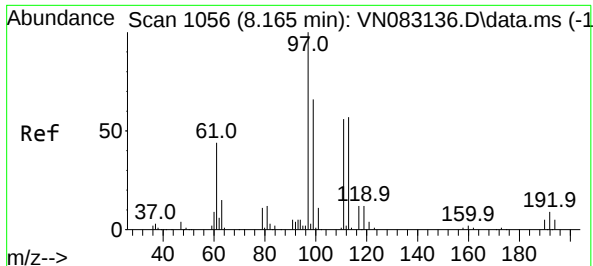
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.810 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083230.D

Acq: 12 Aug 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

MUL05

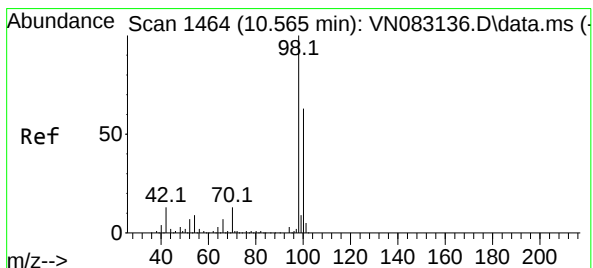
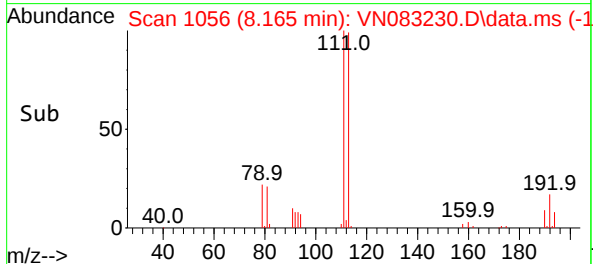
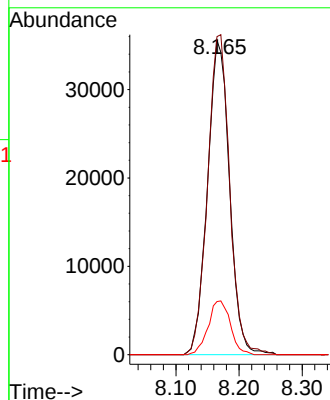
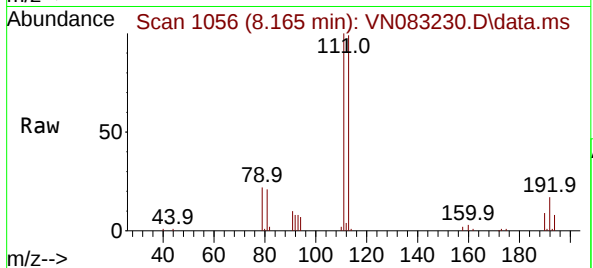
Tgt Ion:113 Resp: 86143

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 17.3 14.9 22.3



#50

Toluene-d8

Concen: 54.574 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083230.D

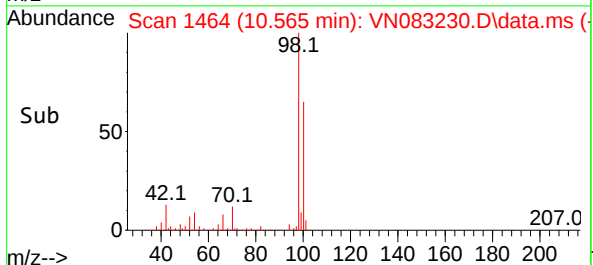
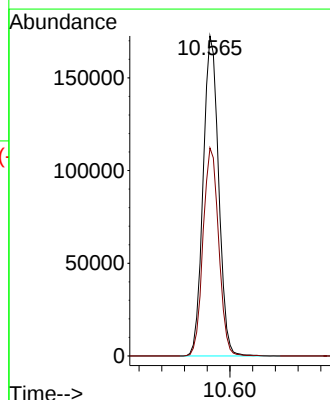
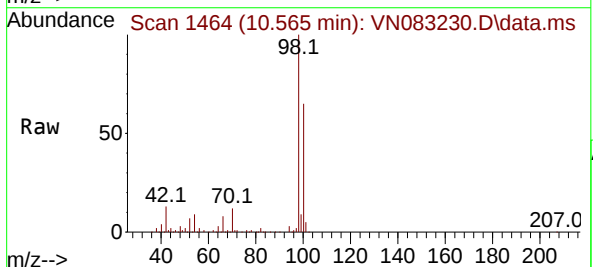
Acq: 12 Aug 2024 12:10

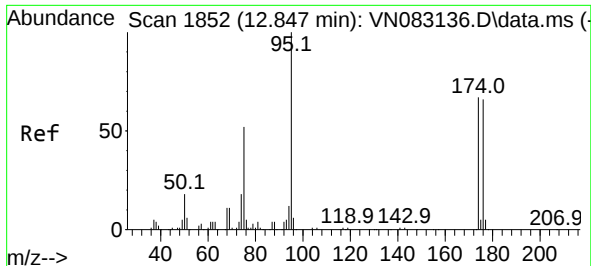
Tgt Ion: 98 Resp: 325897

Ion Ratio Lower Upper

98 100

100 65.6 51.5 77.3

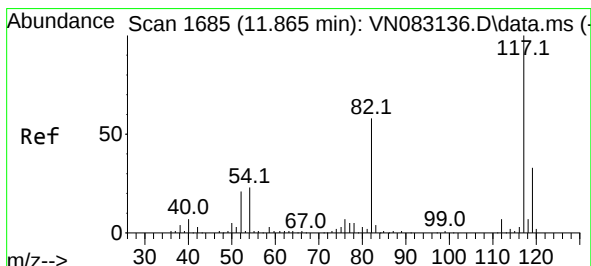
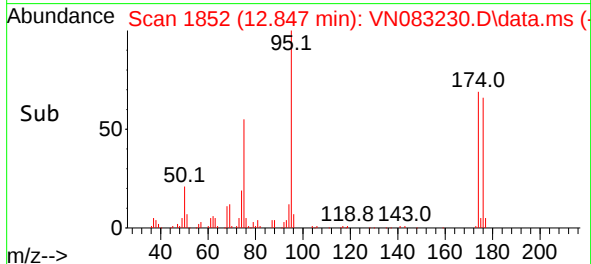
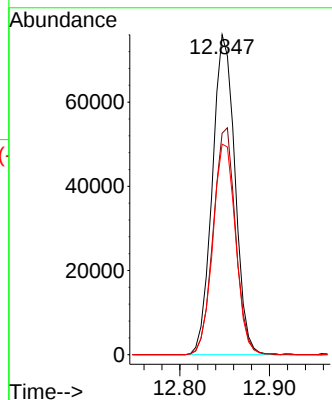
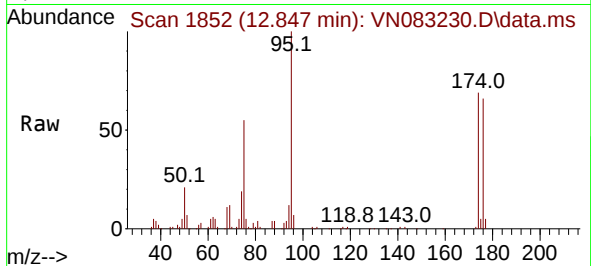




#62
4-Bromofluorobenzene
Concen: 57.126 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

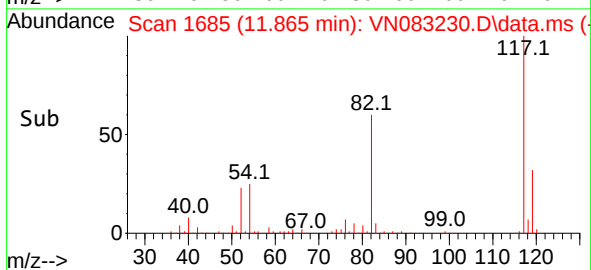
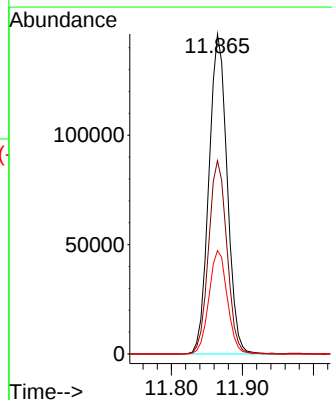
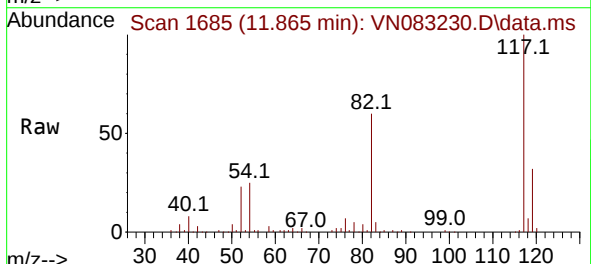
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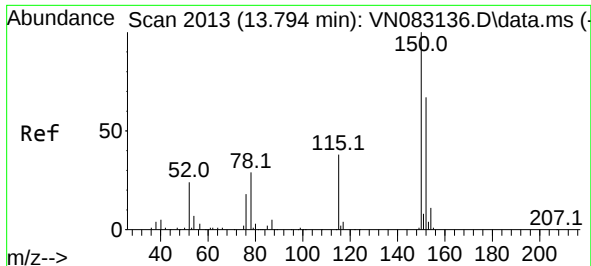
Tgt Ion: 95 Resp: 132995
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083230.D
Acq: 12 Aug 2024 12:10

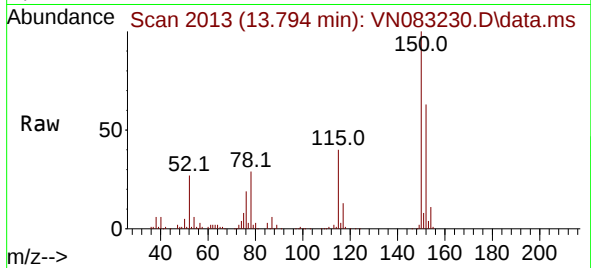
Tgt Ion: 117 Resp: 261080
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083230.D
 Acq: 12 Aug 2024 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 MUL05



Tgt Ion:152 Resp: 112990

Ion	Ratio	Lower	Upper
152	100		
115	64.6	30.6	91.6
150	160.2	0.0	348.6

