

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083203.D
 Acq On : 10 Aug 2024 13:20
 Operator : JC\MD
 Sample : PB162508TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162508TB

Quant Time: Aug 12 01:50:06 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)

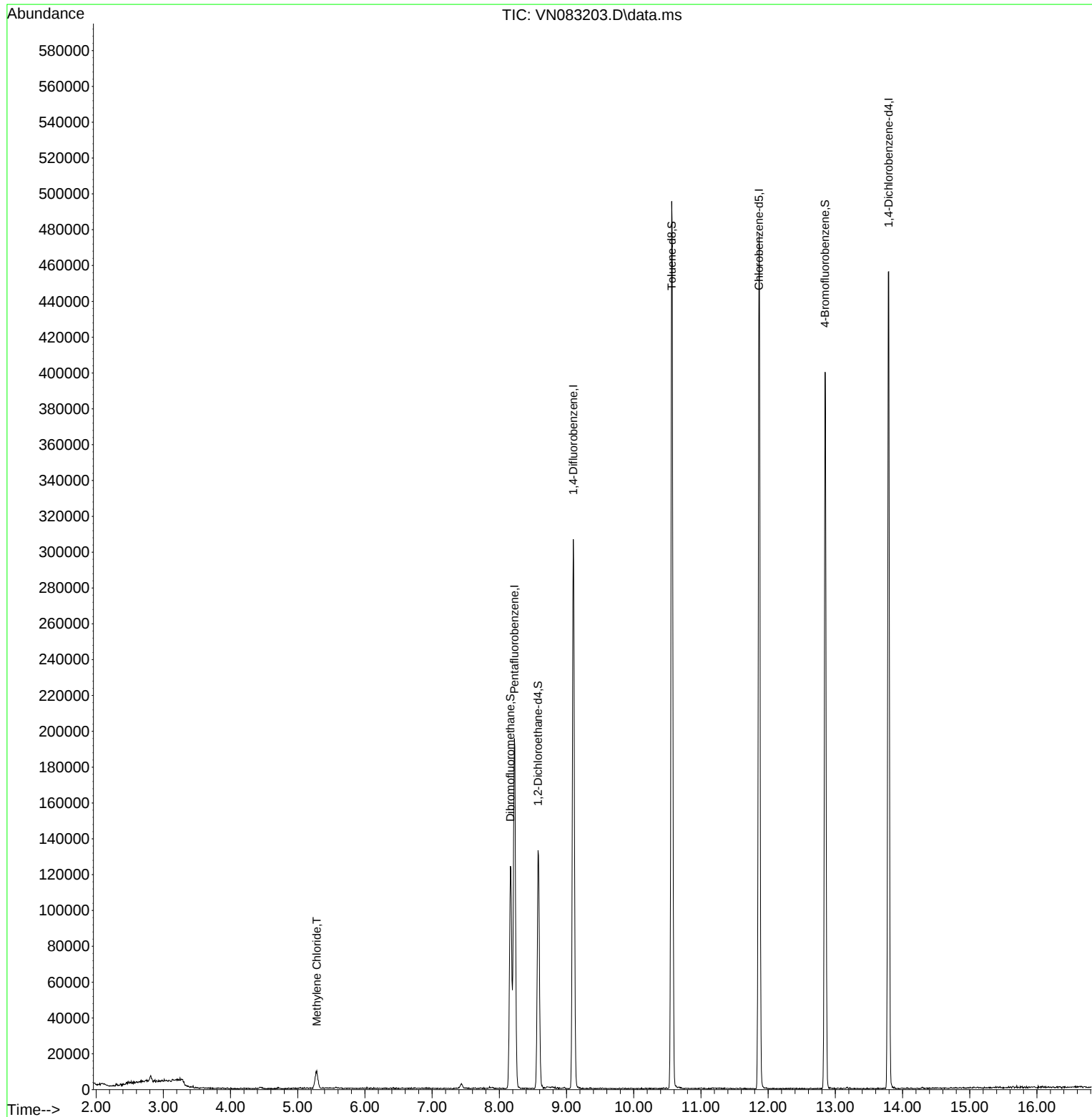
Internal Standards						
1) Pentafluorobenzene	8.224	168	136759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114927	59.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.080%
35) Dibromofluoromethane	8.165	113	89815	55.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.160%
50) Toluene-d8	10.565	98	344084	56.564	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.120%#
62) 4-Bromofluorobenzene	12.847	95	141559	59.690	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	119.380%
Target Compounds						
						Qvalue
20) Methylene Chloride	5.283	84	7464	4.258	ug/l #	74

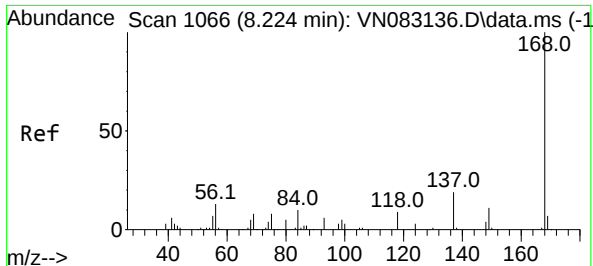
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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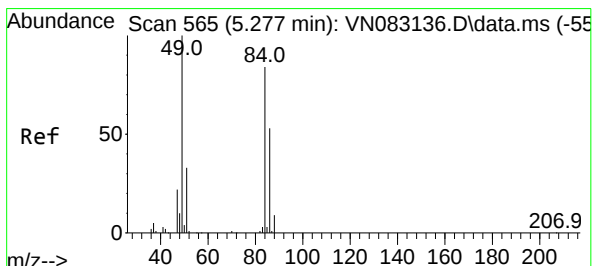
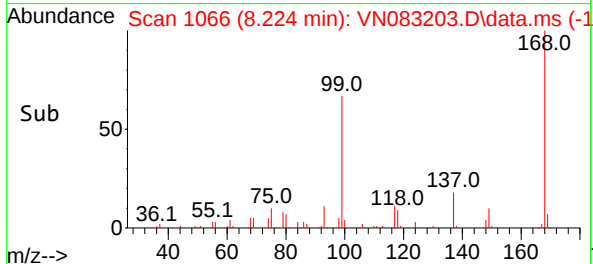
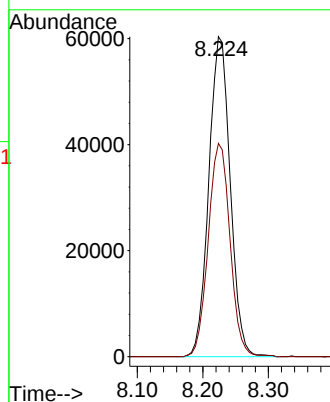
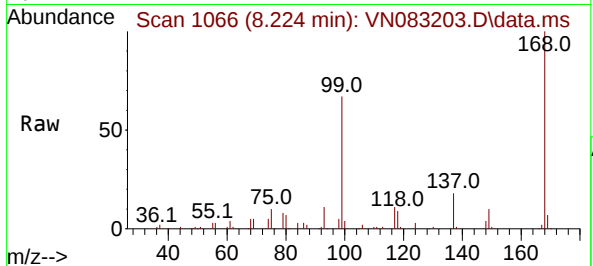




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083203.D
Acq: 10 Aug 2024 13:20

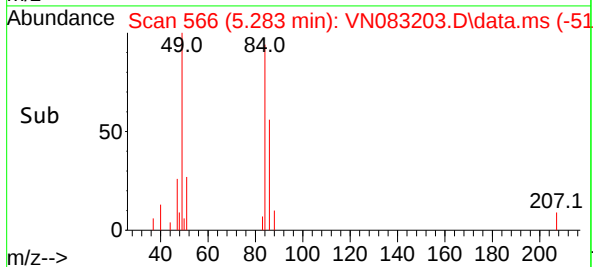
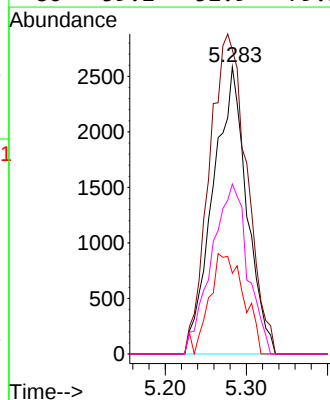
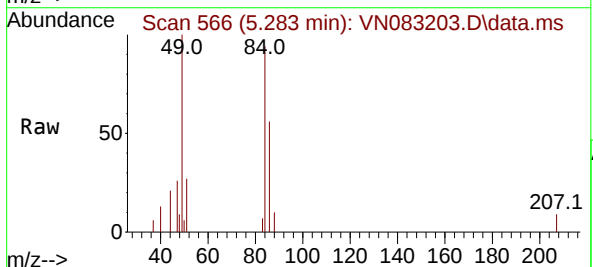
Instrument :
MSVOA_N
ClientSampleId :
PB162508TB

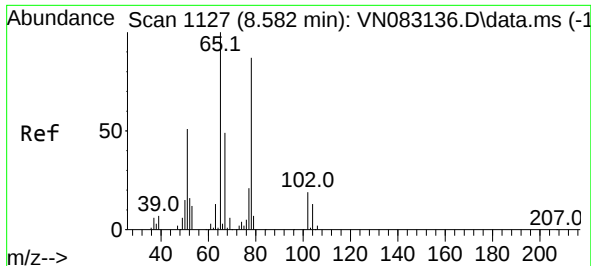
Tgt Ion:168 Resp: 136759
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#20
Methylene Chloride
Concen: 4.258 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083203.D
Acq: 10 Aug 2024 13:20

Tgt Ion: 84 Resp: 7464
Ion Ratio Lower Upper
84 100
49 105.9 119.6 179.4#
51 28.1 34.8 52.2#
86 59.2 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 59.040 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083203.D

Acq: 10 Aug 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

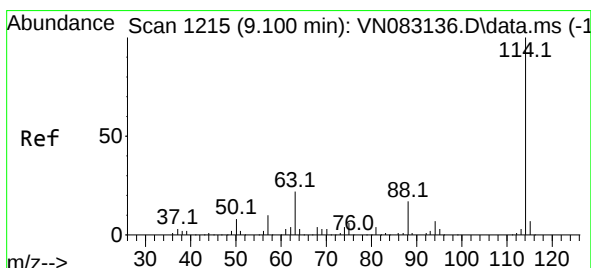
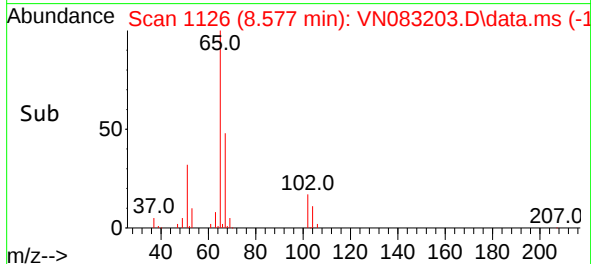
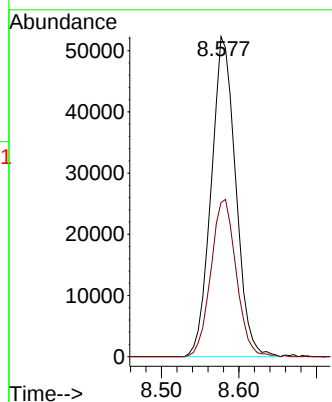
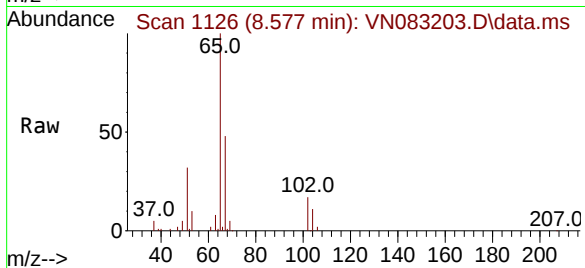
PB162508TB

Tgt Ion: 65 Resp: 114927

Ion Ratio Lower Upper

65 100

67 50.8 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: VN083203.D

Acq: 10 Aug 2024 13:20

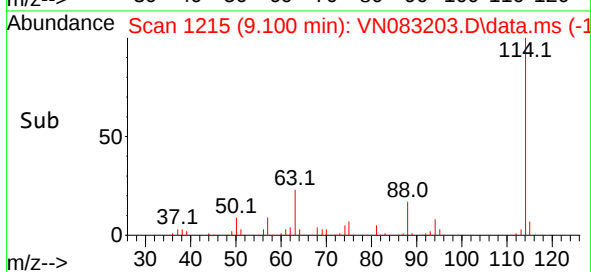
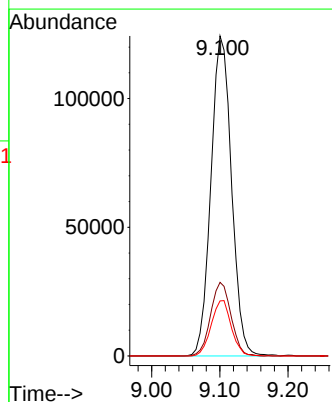
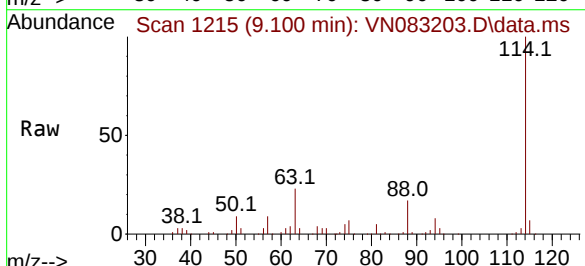
Tgt Ion: 114 Resp: 261265

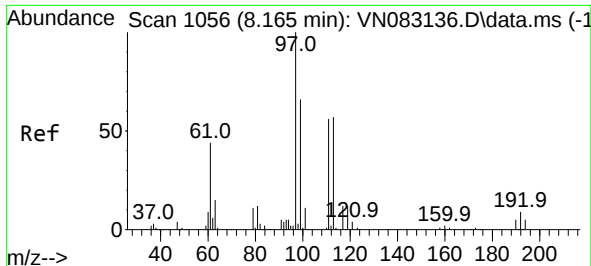
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 17.2 0.0 31.4

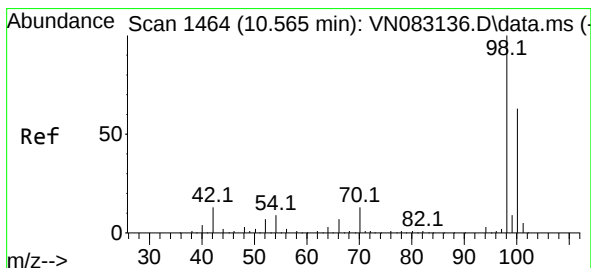
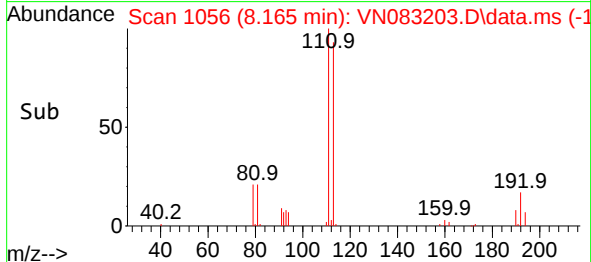
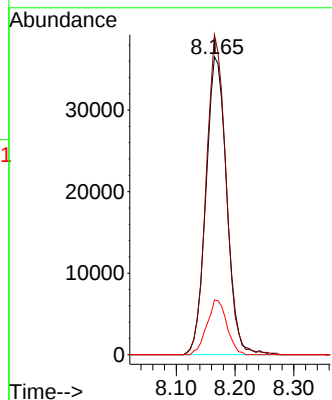
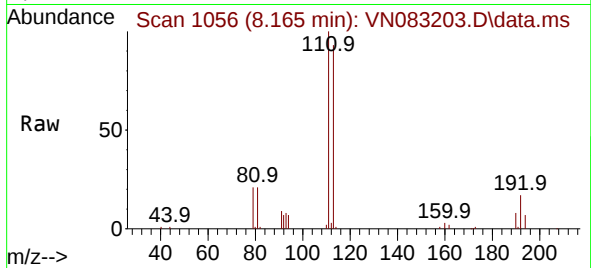




#35
Dibromofluoromethane
Concen: 55.076 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083203.D
Acq: 10 Aug 2024 13:20

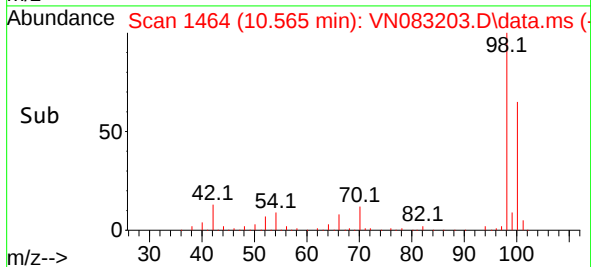
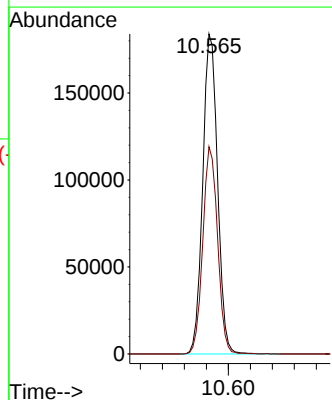
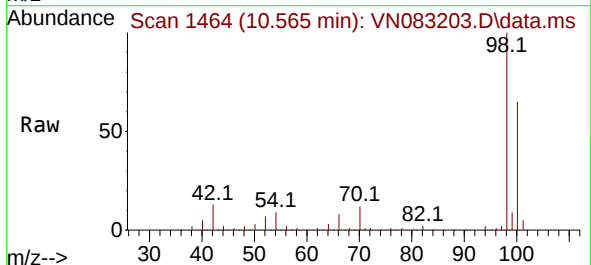
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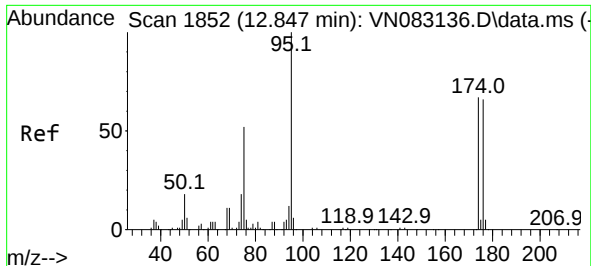
Tgt Ion:113 Resp: 89815
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.6 14.9 22.3



#50
Toluene-d8
Concen: 56.564 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083203.D
Acq: 10 Aug 2024 13:20

Tgt Ion: 98 Resp: 344084
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

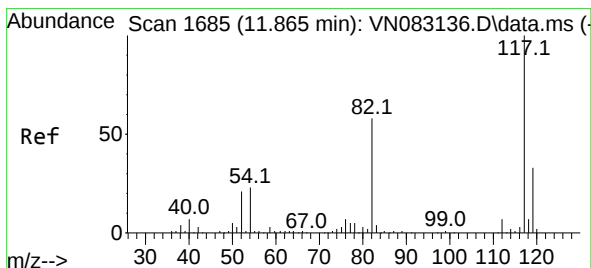
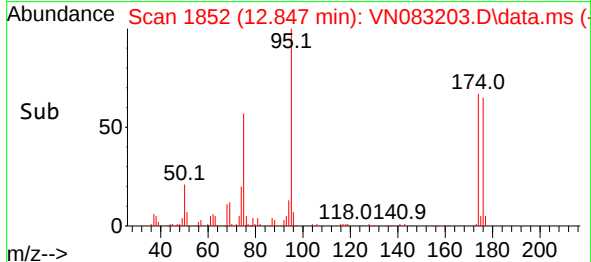
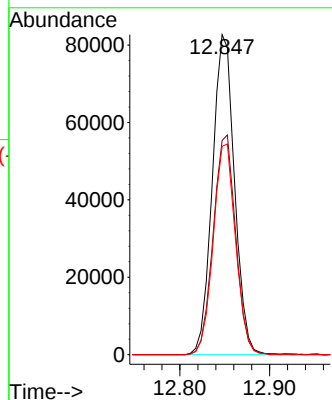
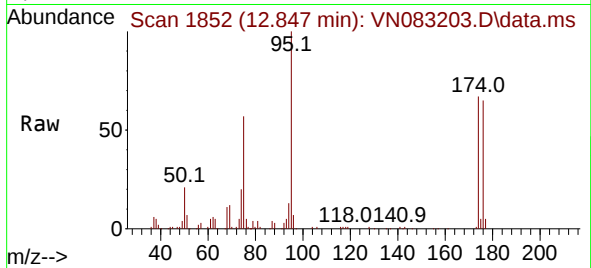




#62
4-Bromofluorobenzene
Concen: 59.690 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083203.D
Acq: 10 Aug 2024 13:20

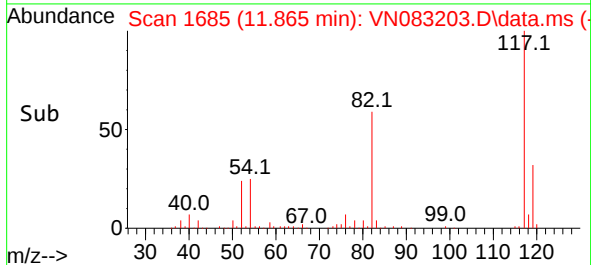
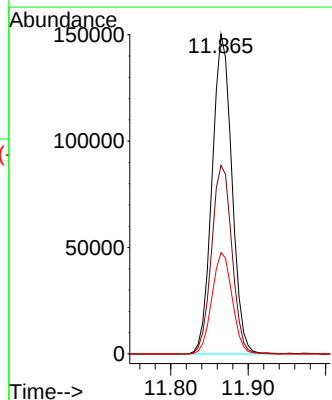
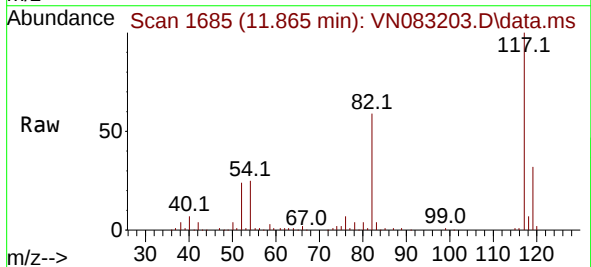
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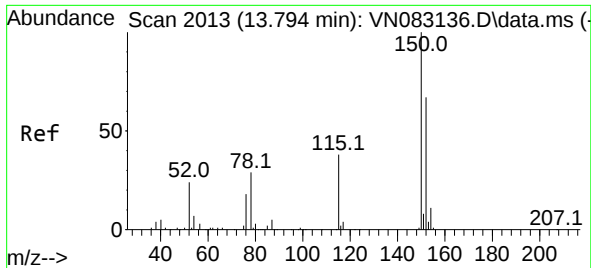
Tgt Ion: 95 Resp: 141559
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083203.D
Acq: 10 Aug 2024 13:20

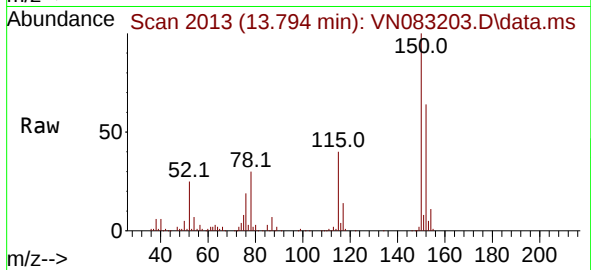
Tgt Ion: 117 Resp: 267824
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083203.D
 Acq: 10 Aug 2024 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162508TB



Tgt Ion:152 Resp: 118845
 Ion Ratio Lower Upper
 152 100
 115 63.6 30.6 91.6
 150 158.7 0.0 348.6

