

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083212.D
 Acq On : 10 Aug 2024 16:58
 Operator : JC\MD
 Sample : P3478-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TS07

Quant Time: Aug 12 01:54:11 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)

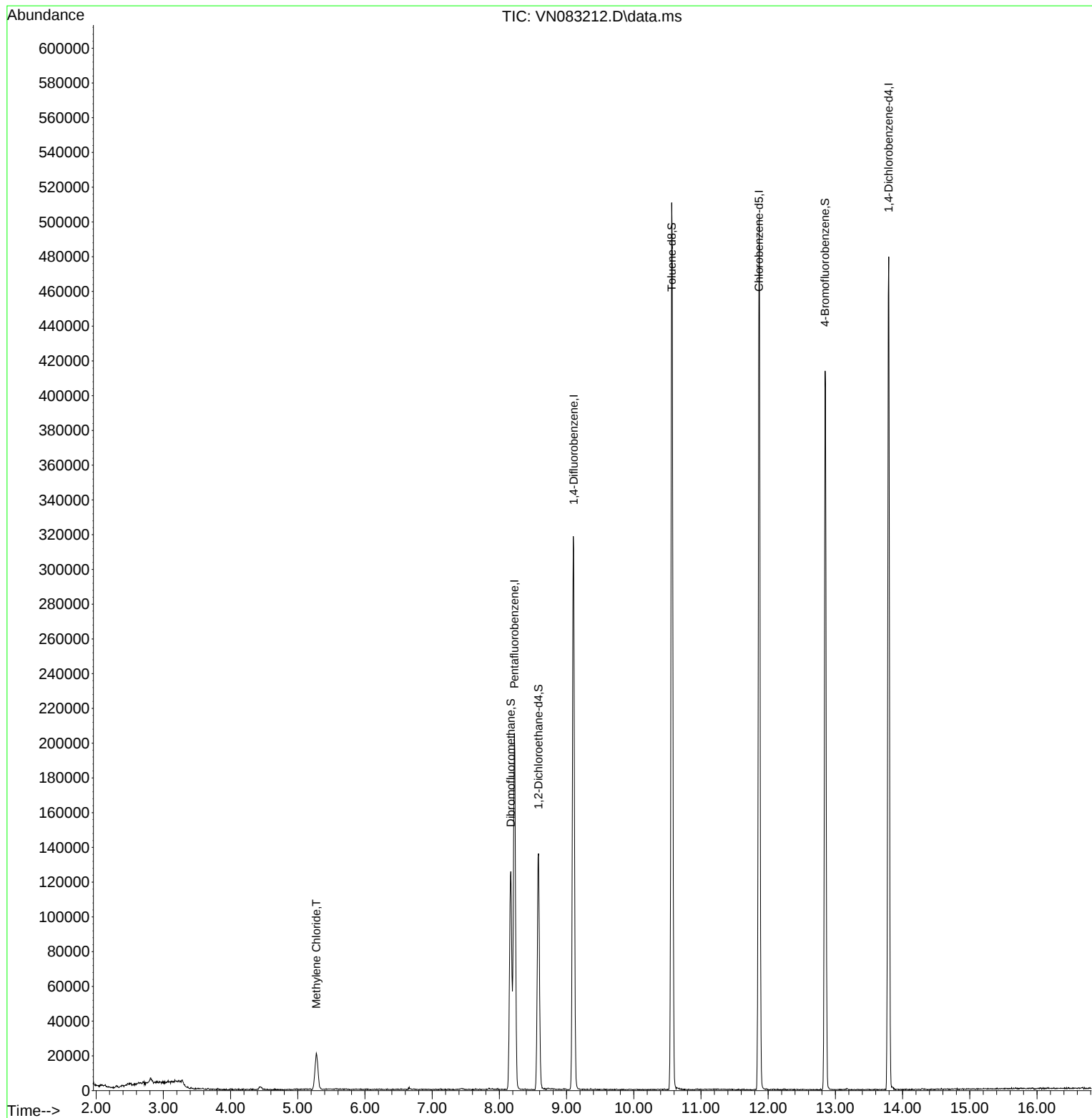
Internal Standards						
1) Pentafluorobenzene	8.224	168	137317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118624	60.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.380%	
35) Dibromofluoromethane	8.171	113	92682	54.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.860%	
50) Toluene-d8	10.565	98	351135	55.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.580%	
62) 4-Bromofluorobenzene	12.847	95	149263	60.835	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 121.660%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.277	84	15580	8.851	ug/l	87

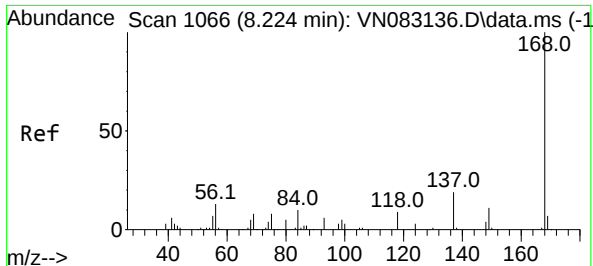
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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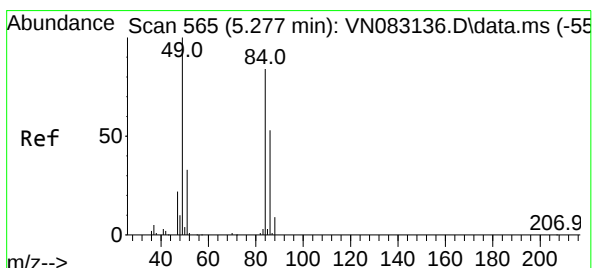
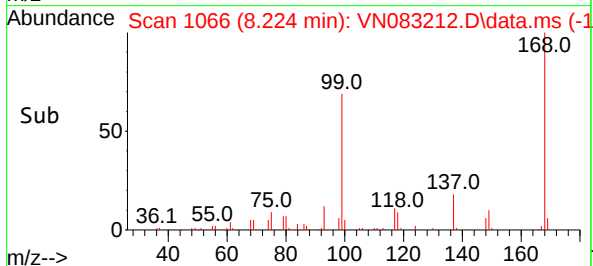
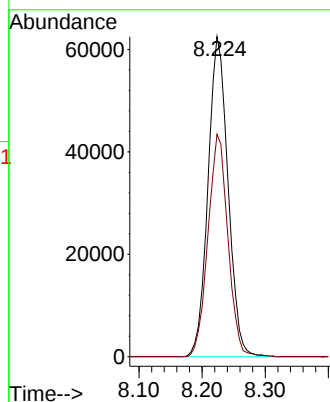
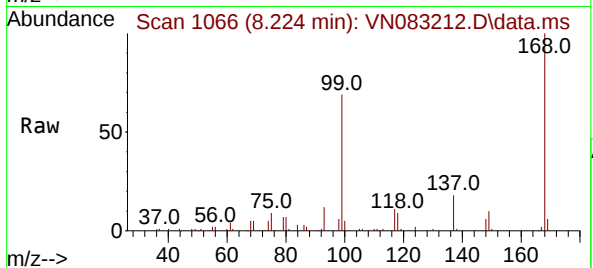




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

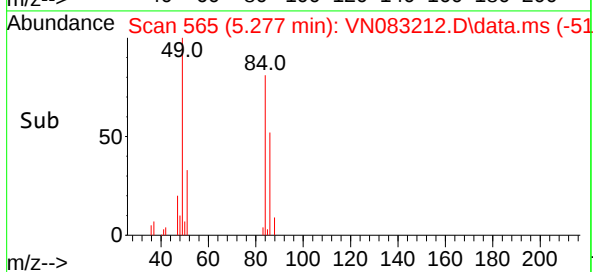
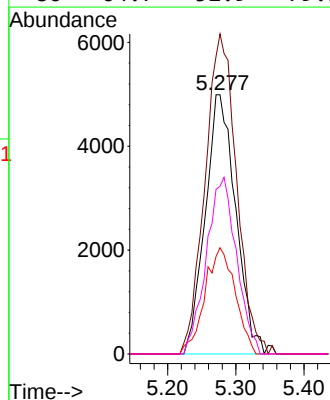
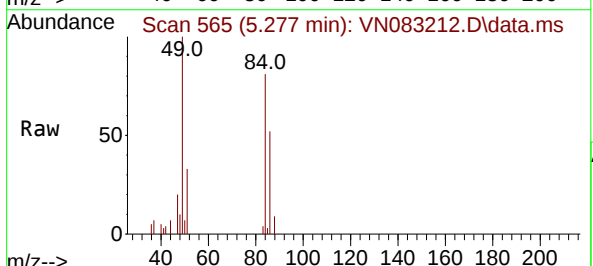
Instrument :
MSVOA_N
ClientSampleId :
TS07

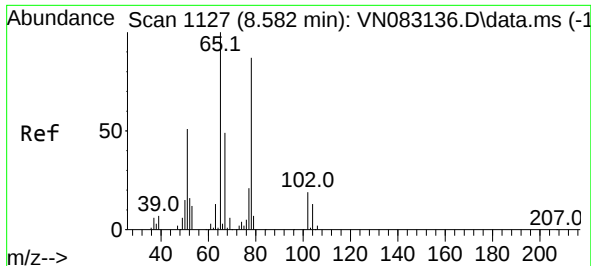
Tgt Ion:168 Resp: 137317
Ion Ratio Lower Upper
168 100
99 69.5 48.2 72.4



#20
Methylene Chloride
Concen: 8.851 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

Tgt Ion: 84 Resp: 15580
Ion Ratio Lower Upper
84 100
49 123.5 119.6 179.4
51 41.0 34.8 52.2
86 64.7 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 60.691 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083212.D

Acq: 10 Aug 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :

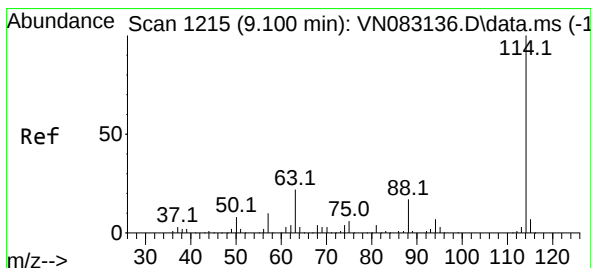
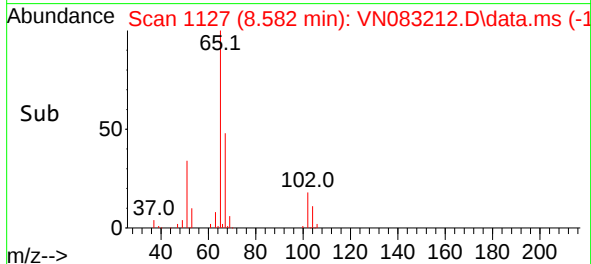
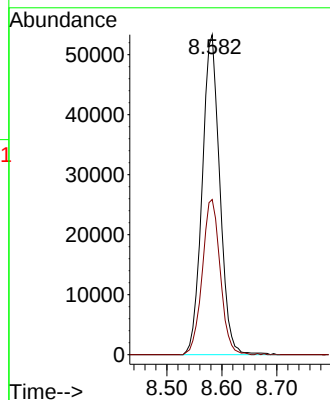
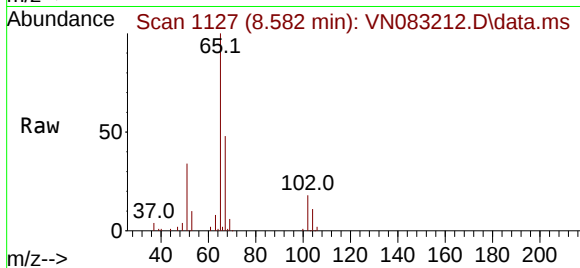
TS07

Tgt Ion: 65 Resp: 118624

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083212.D

Acq: 10 Aug 2024 16:58

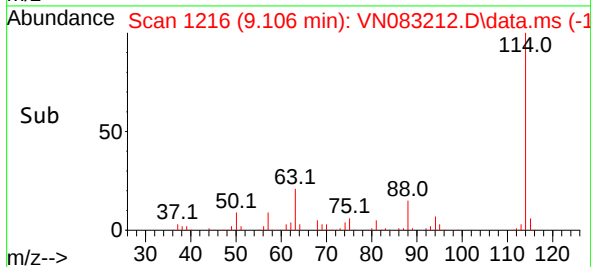
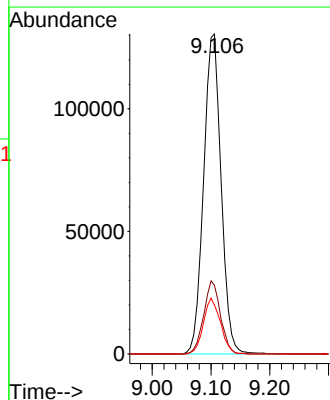
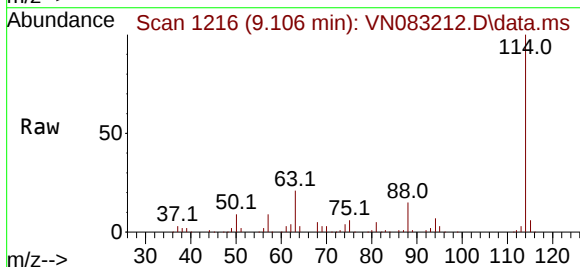
Tgt Ion: 114 Resp: 270302

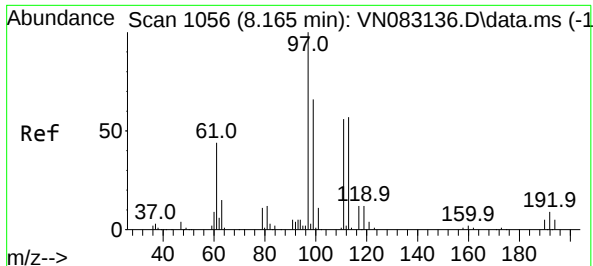
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.6

88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.934 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083212.D

Acq: 10 Aug 2024 16:58

Instrument :

MSVOA_N

ClientSampleId :

TS07

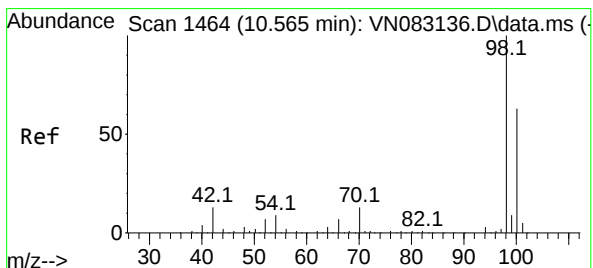
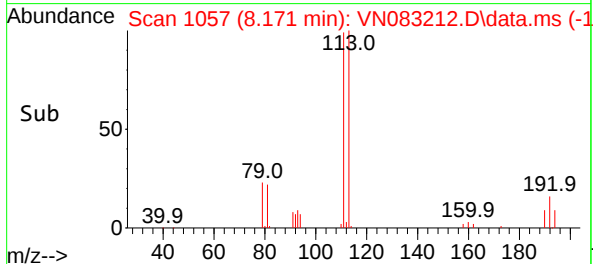
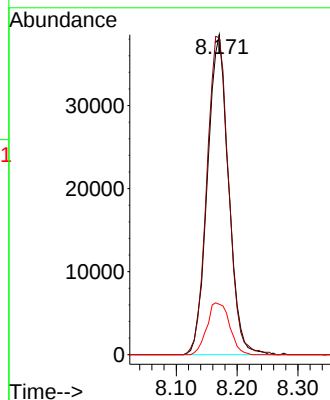
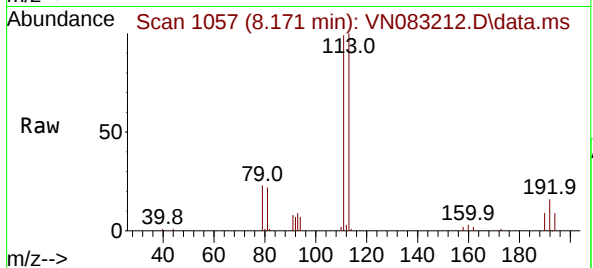
Tgt Ion:113 Resp: 92682

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 17.4 14.9 22.3



#50

Toluene-d8

Concen: 55.793 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083212.D

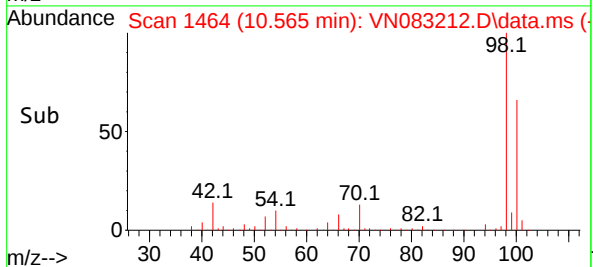
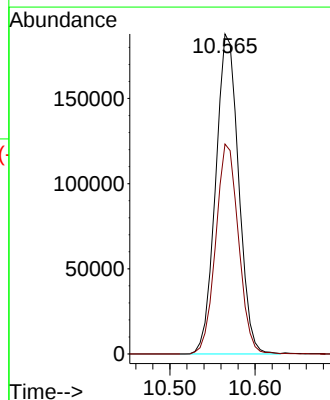
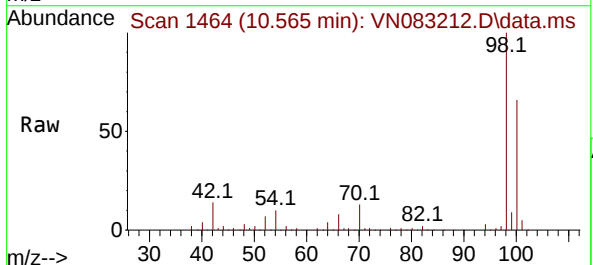
Acq: 10 Aug 2024 16:58

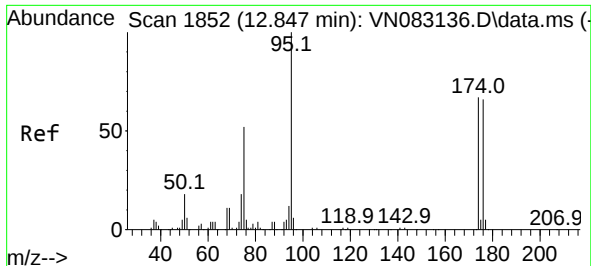
Tgt Ion: 98 Resp: 351135

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3

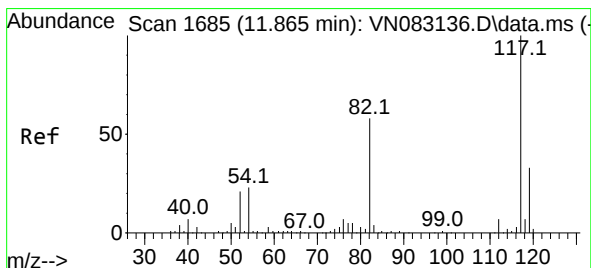
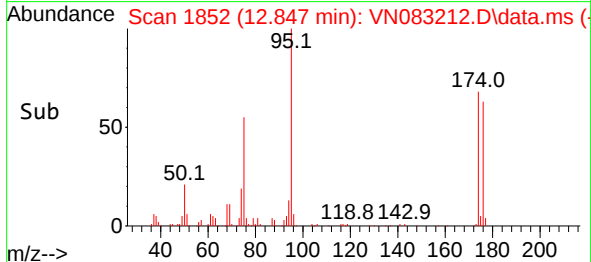
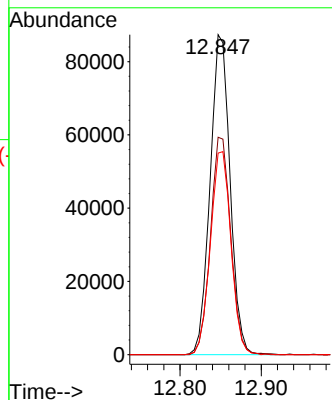
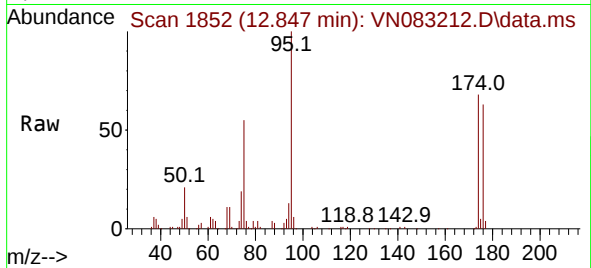




#62
4-Bromofluorobenzene
Concen: 60.835 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

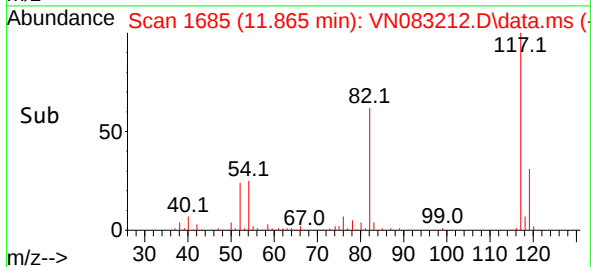
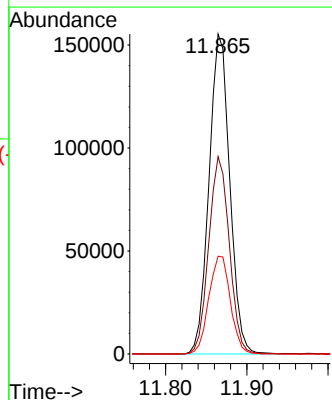
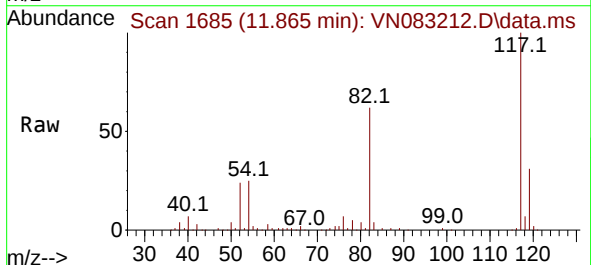
Instrument :
MSVOA_N
ClientSampleId :
TS07

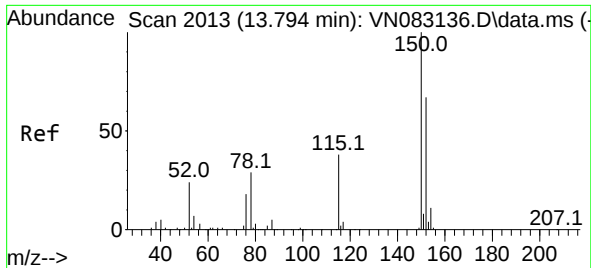
Tgt Ion: 95 Resp: 149263
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 65.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083212.D
Acq: 10 Aug 2024 16:58

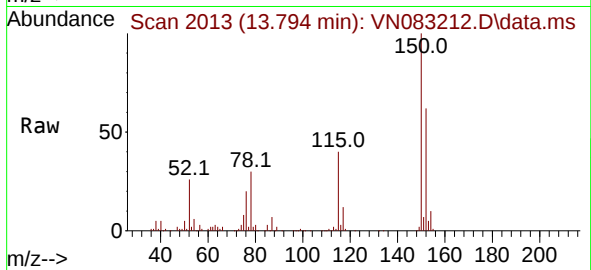
Tgt Ion: 117 Resp: 275193
Ion Ratio Lower Upper
117 100
82 61.6 47.5 71.3
119 30.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083212.D
 Acq: 10 Aug 2024 16:58

Instrument :
 MSVOA_N
 ClientSampleId :
 TS07



Tgt Ion:152 Resp: 125750
 Ion Ratio Lower Upper
 152 100
 115 64.8 30.6 91.6
 150 157.6 0.0 348.6

