

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083214.D
 Acq On : 10 Aug 2024 17:46
 Operator : JC\MD
 Sample : P3479-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TS09

Quant Time: Aug 12 01:55:05 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)

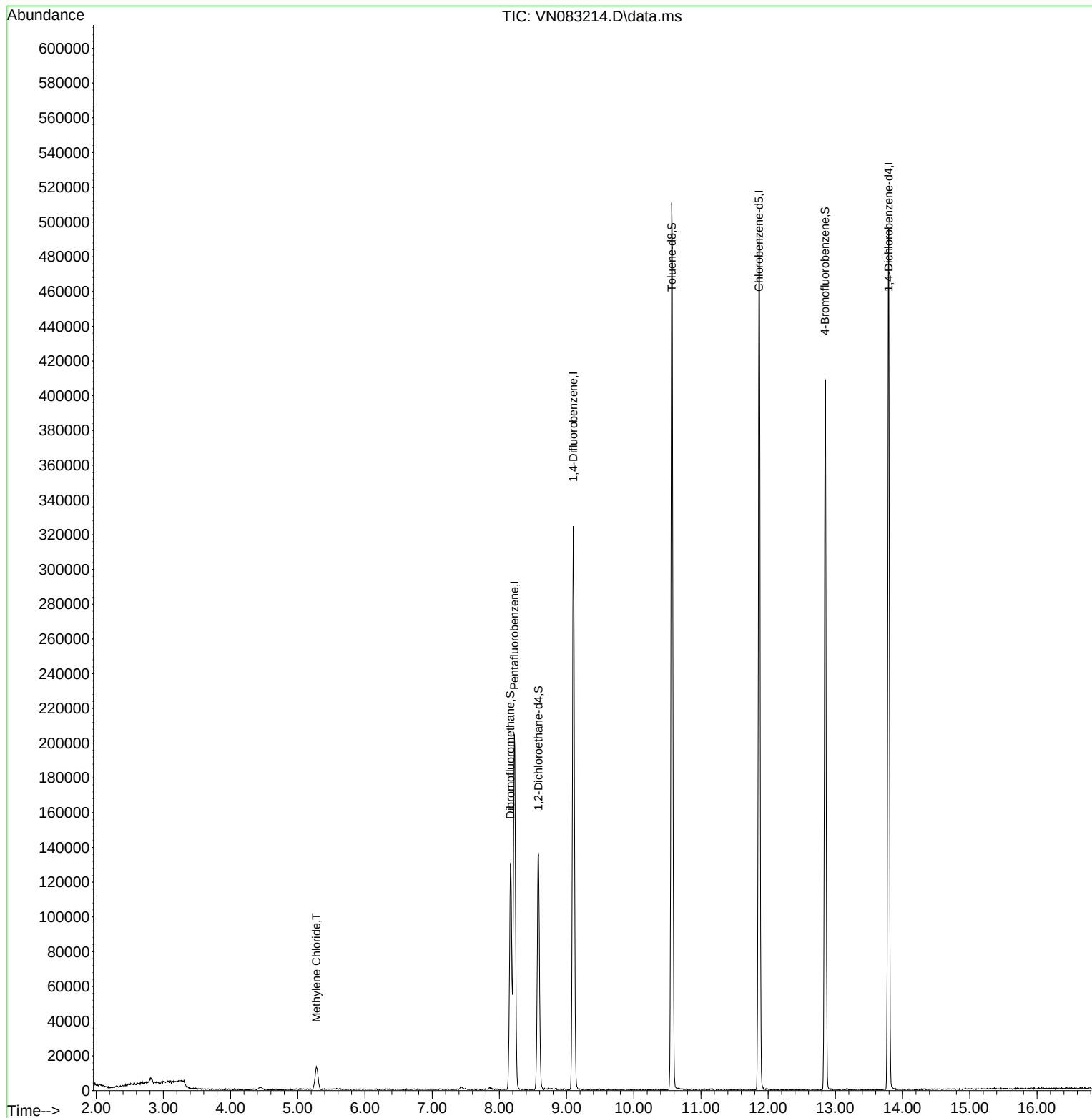
Internal Standards						
1) Pentafluorobenzene	8.224	168	142235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120882	59.708	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.420%
35) Dibromofluoromethane	8.165	113	94334	55.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.880%
50) Toluene-d8	10.565	98	354418	56.343	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.680%
62) 4-Bromofluorobenzene	12.847	95	150323	61.297	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	122.600%
Target Compounds						
						Qvalue
20) Methylene Chloride	5.277	84	10234	5.613	ug/l	86

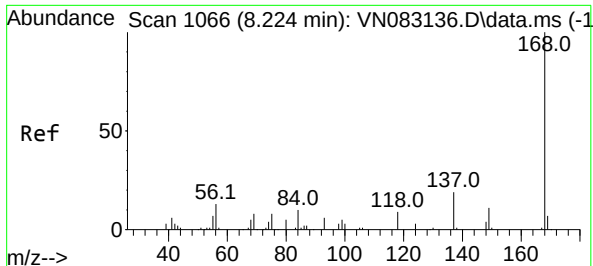
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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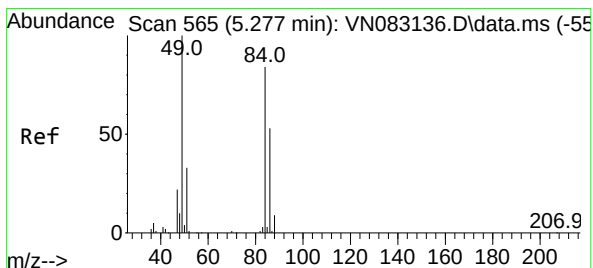
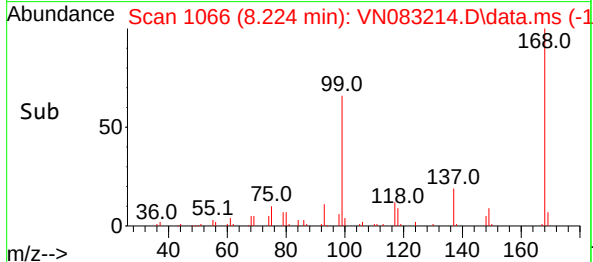
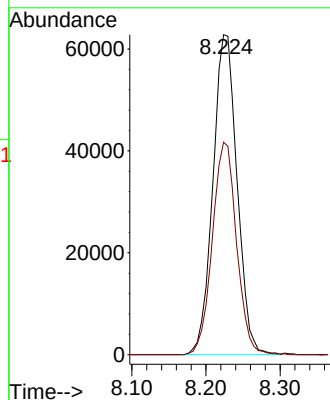
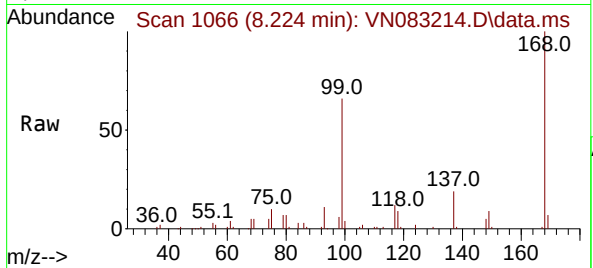




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

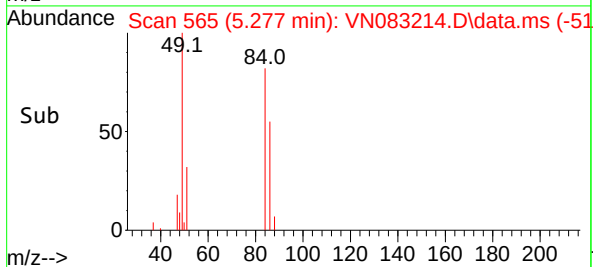
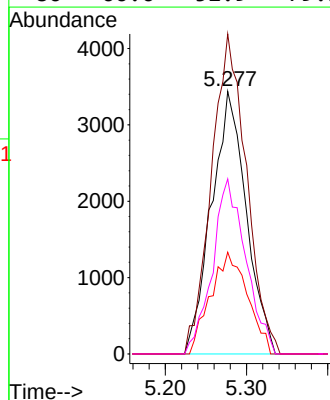
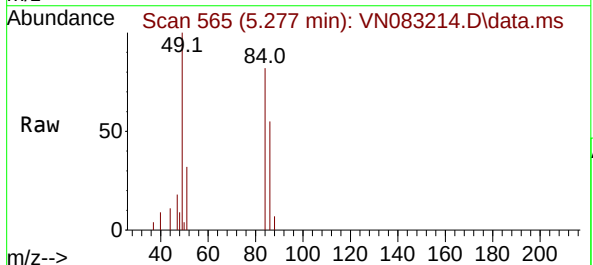
Instrument :
MSVOA_N
ClientSampleId :
TS09

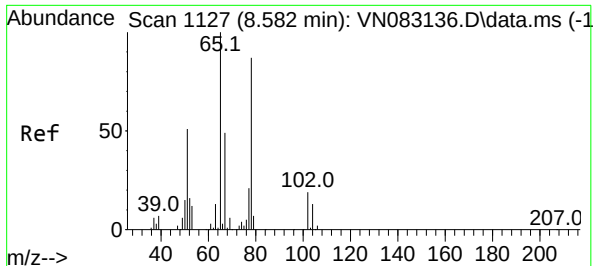
Tgt Ion:168 Resp: 142235
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#20
Methylene Chloride
Concen: 5.613 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

Tgt Ion: 84 Resp: 10234
Ion Ratio Lower Upper
84 100
49 121.9 119.6 179.4
51 38.8 34.8 52.2
86 66.6 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 59.708 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

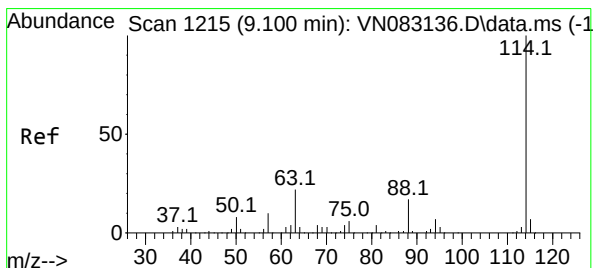
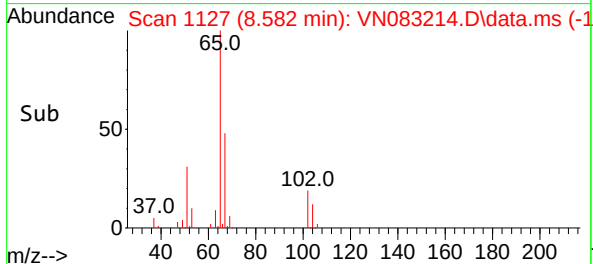
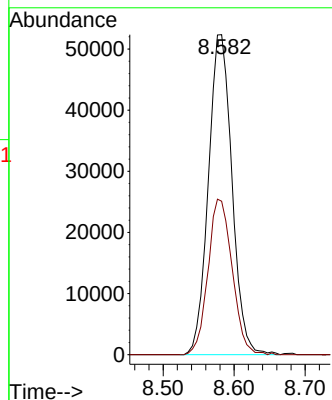
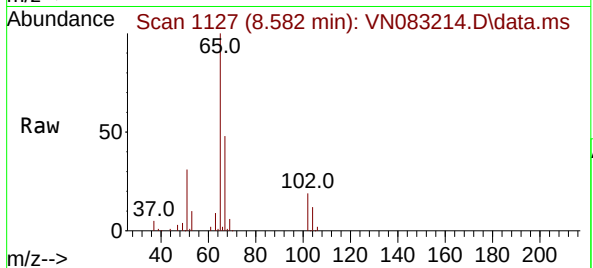
TS09

Tgt Ion: 65 Resp: 120882

Ion Ratio Lower Upper

65 100

67 49.8 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: VN083214.D

Acq: 10 Aug 2024 17:46

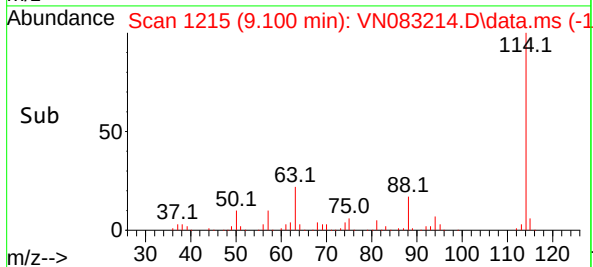
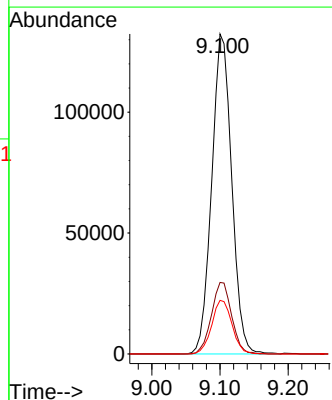
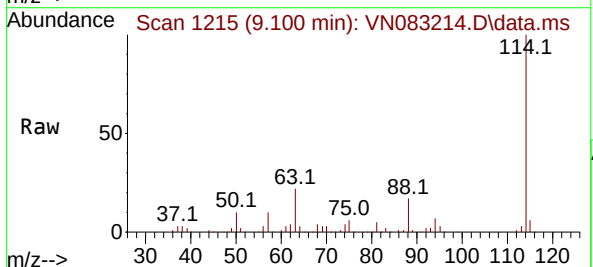
Tgt Ion: 114 Resp: 270168

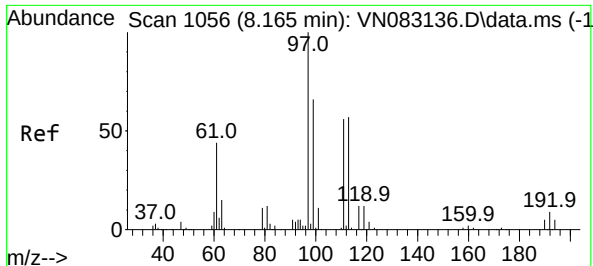
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.940 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083214.D

Acq: 10 Aug 2024 17:46

Instrument :

MSVOA_N

ClientSampleId :

TS09

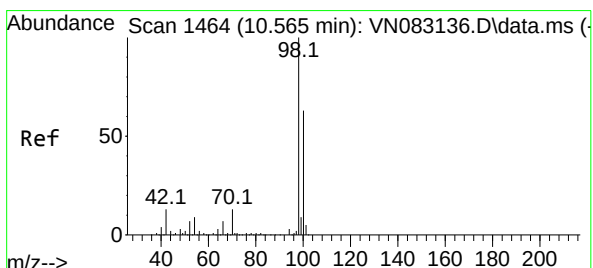
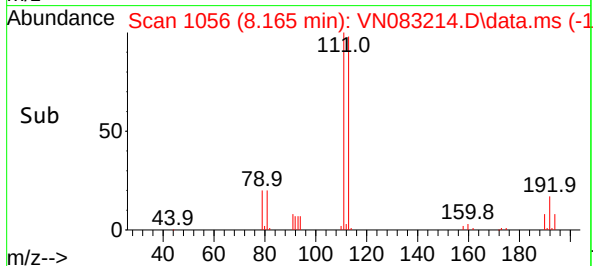
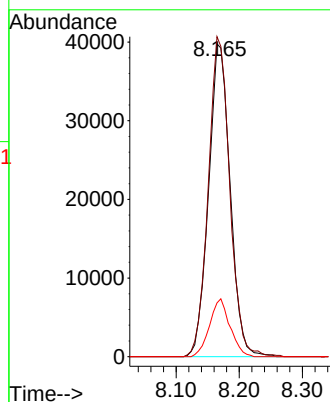
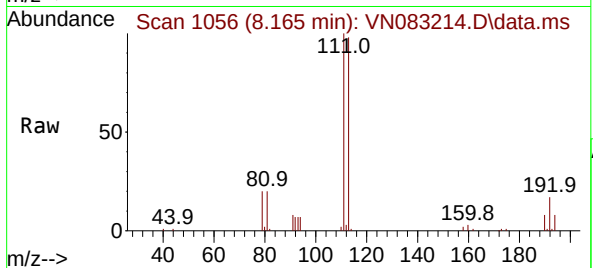
Tgt Ion:113 Resp: 94334

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 17.5 14.9 22.3



#50

Toluene-d8

Concen: 56.343 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083214.D

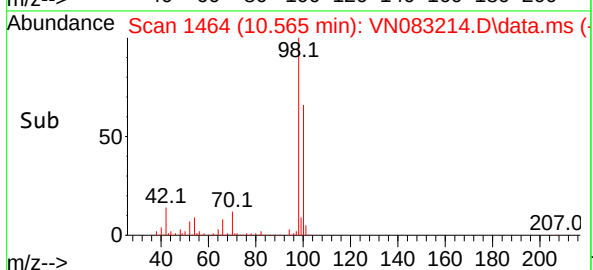
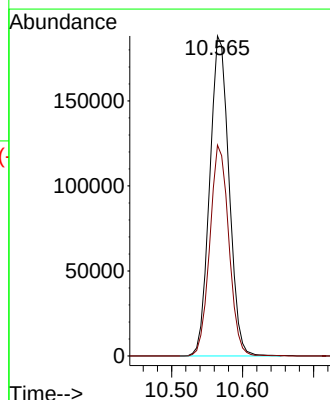
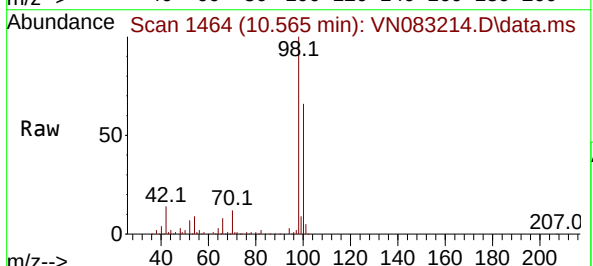
Acq: 10 Aug 2024 17:46

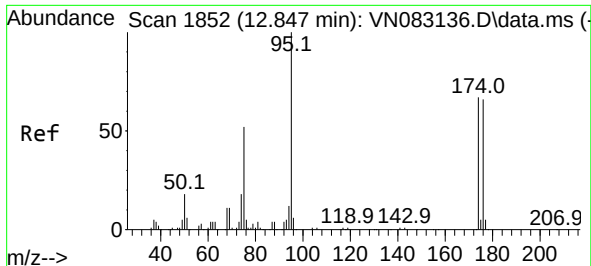
Tgt Ion: 98 Resp: 354418

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3

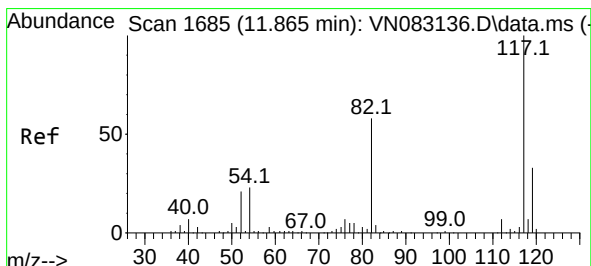
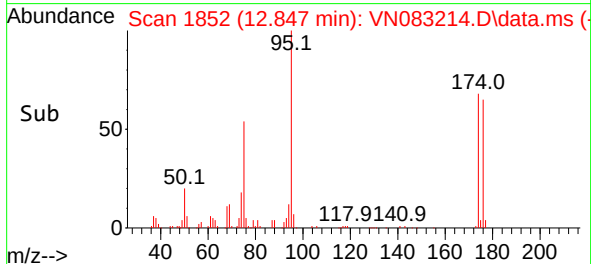
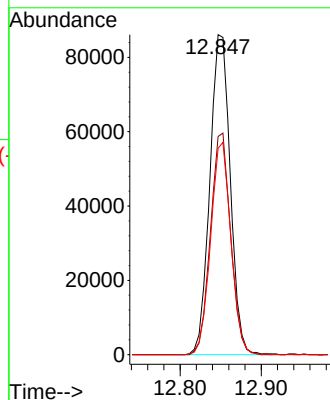
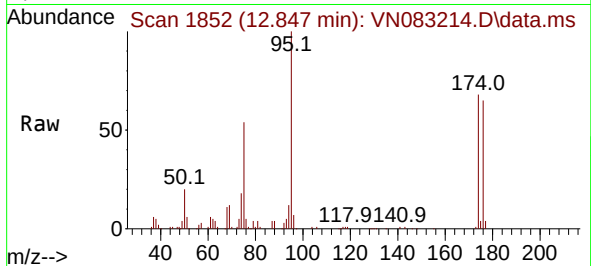




#62
4-Bromofluorobenzene
Concen: 61.297 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

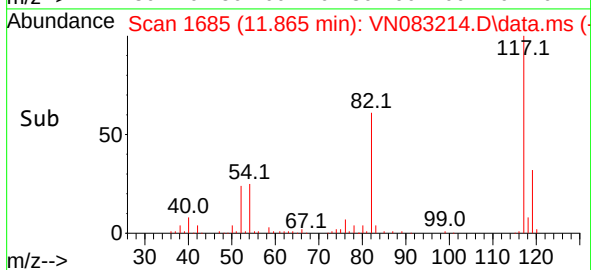
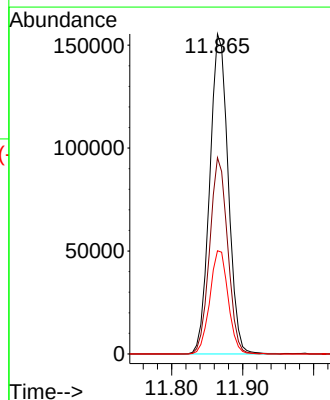
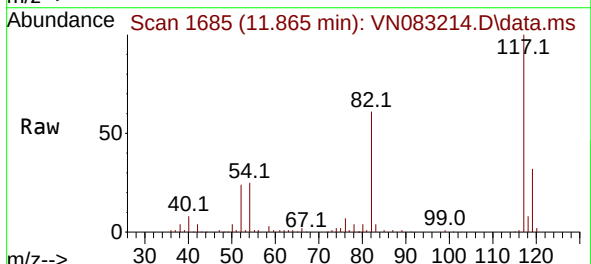
Instrument :
MSVOA_N
ClientSampleId :
TS09

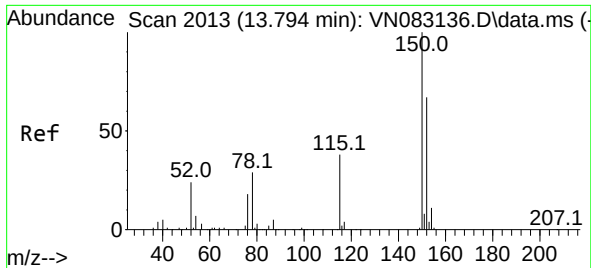
Tgt Ion: 95 Resp: 150323
Ion Ratio Lower Upper
95 100
174 68.4 0.0 159.2
176 65.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083214.D
Acq: 10 Aug 2024 17:46

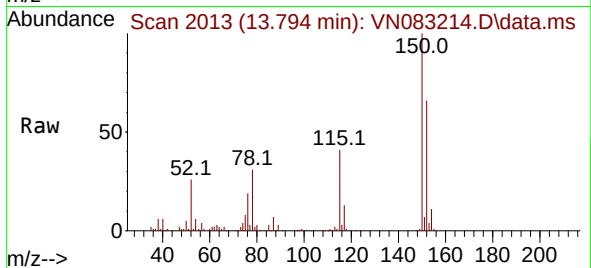
Tgt Ion: 117 Resp: 279855
Ion Ratio Lower Upper
117 100
82 61.3 47.5 71.3
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083214.D
 Acq: 10 Aug 2024 17:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TS09



Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	30.6	91.6
150	158.3	0.0	348.6

