

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083210.D
 Acq On : 10 Aug 2024 16:09
 Operator : JC\MD
 Sample : P3478-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TS05

Quant Time: Aug 12 01:53:22 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)

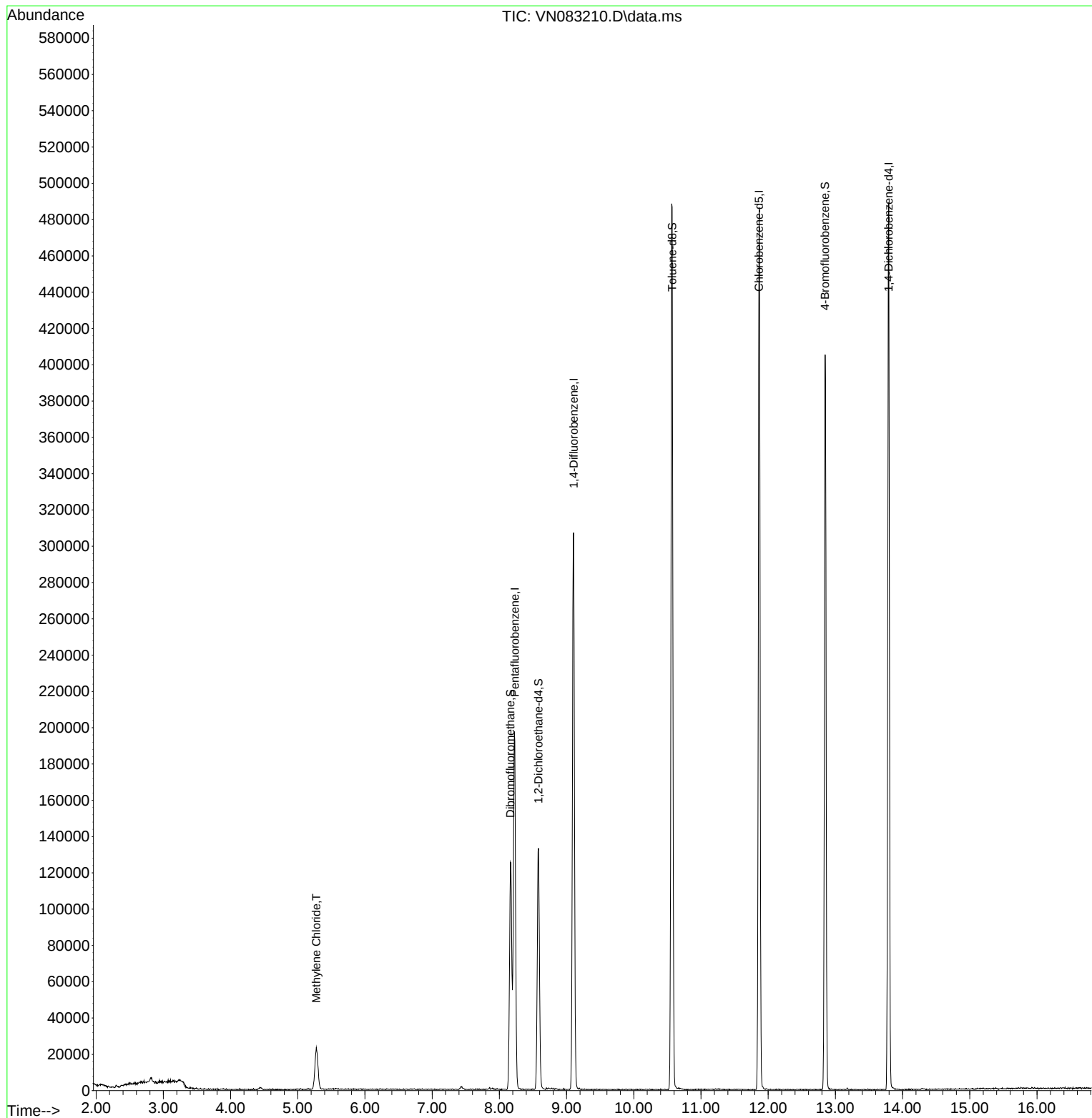
Internal Standards						
1) Pentafluorobenzene	8.230	168	137282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	263681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115582	59.150	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.300%
35) Dibromofluoromethane	8.165	113	91170	55.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.780%
50) Toluene-d8	10.571	98	339389	55.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.560%
62) 4-Bromofluorobenzene	12.847	95	147074	61.448	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	122.900%
Target Compounds						
						Qvalue
20) Methylene Chloride	5.277	84	17480	9.933	ug/l #	80

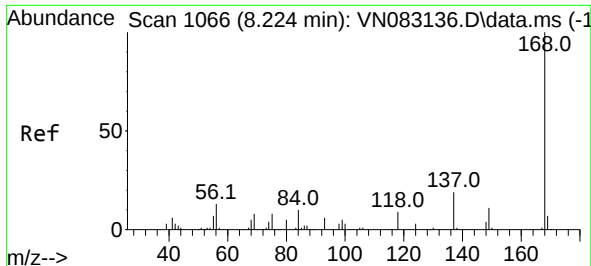
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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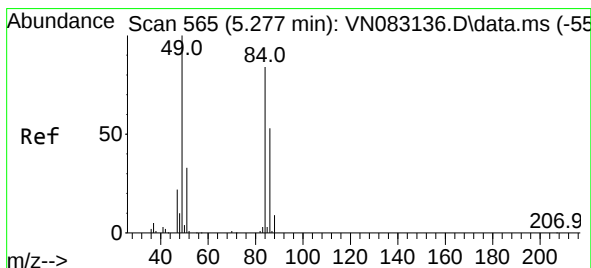
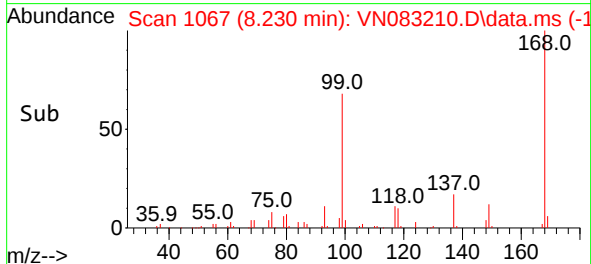
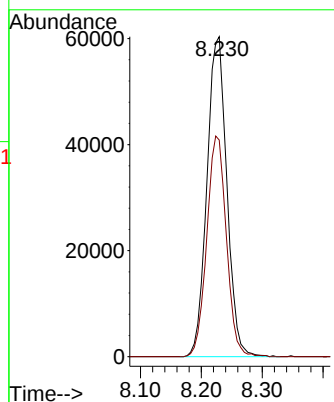
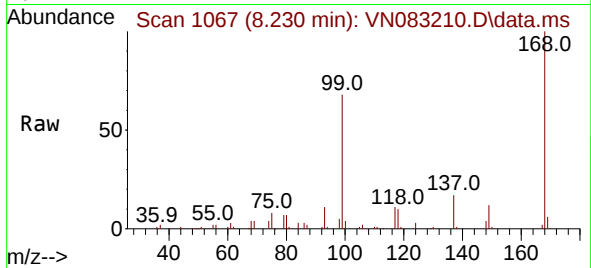




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

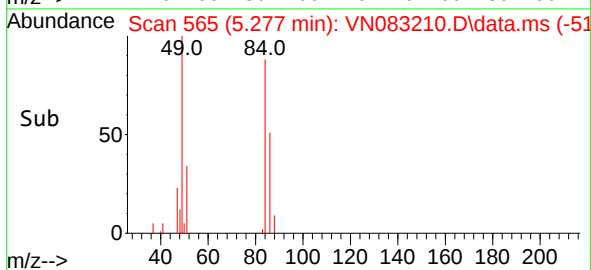
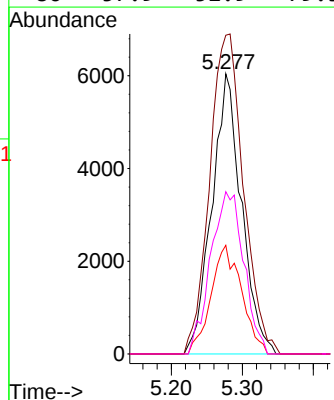
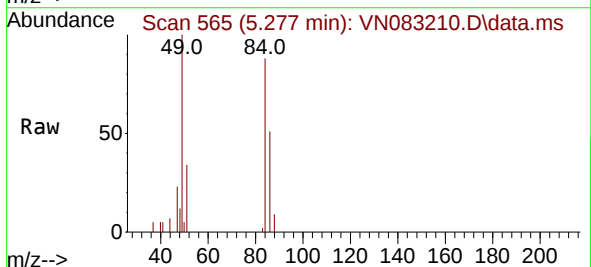
Instrument :
MSVOA_N
ClientSampleId :
TS05

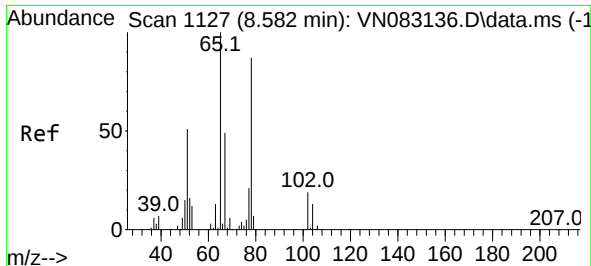
Tgt Ion:168 Resp: 137282
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#20
Methylene Chloride
Concen: 9.933 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

Tgt Ion: 84 Resp: 17480
Ion Ratio Lower Upper
84 100
49 113.8 119.6 179.4#
51 38.8 34.8 52.2
86 57.9 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 59.150 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

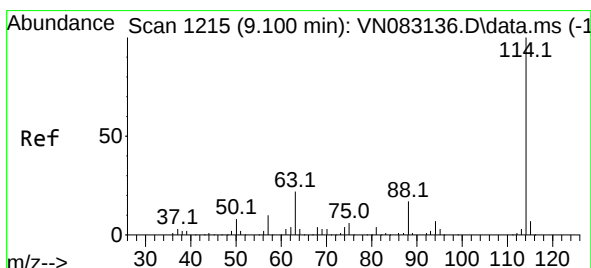
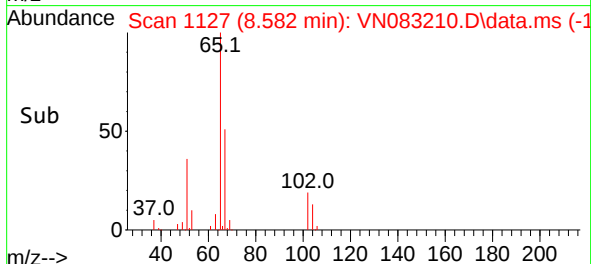
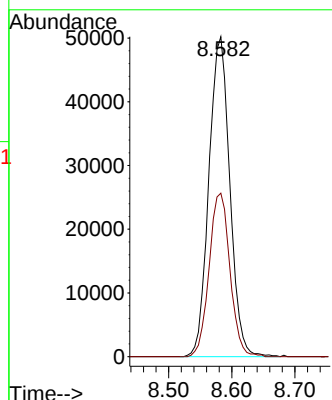
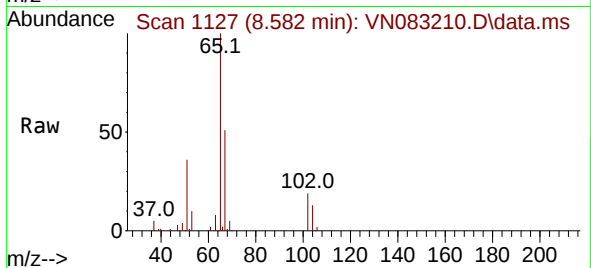
TS05

Tgt Ion: 65 Resp: 115582

Ion Ratio Lower Upper

65 100

67 50.9 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: VN083210.D

Acq: 10 Aug 2024 16:09

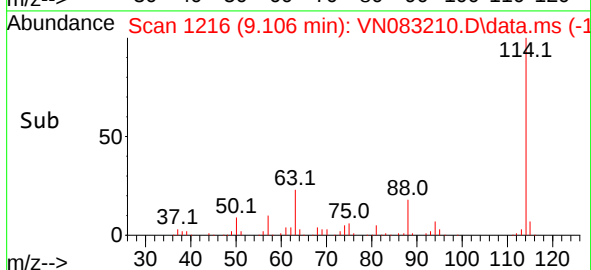
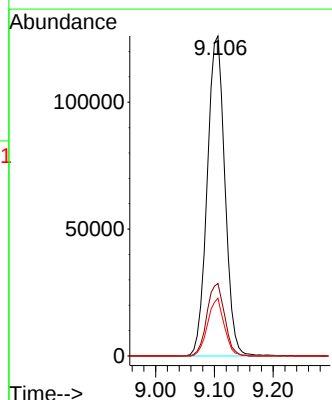
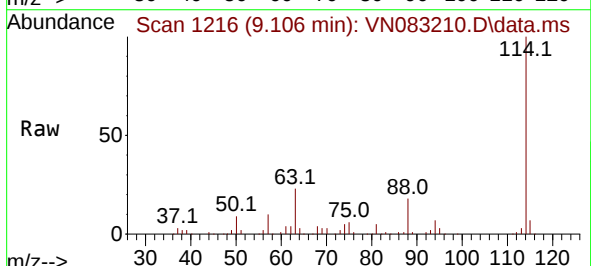
Tgt Ion: 114 Resp: 263681

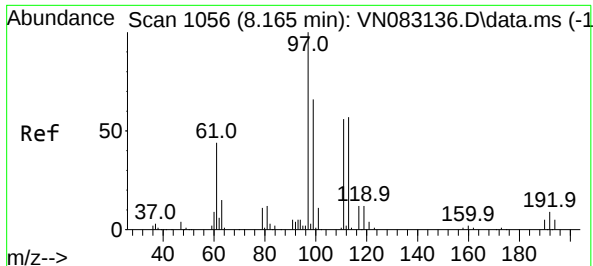
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 18.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.394 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083210.D

Acq: 10 Aug 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

TS05

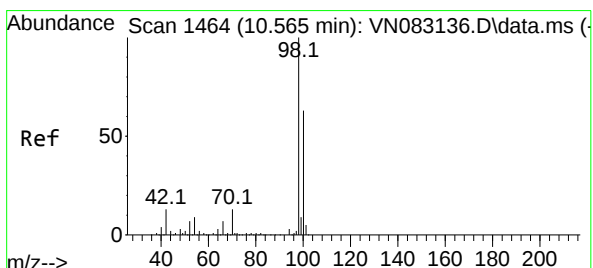
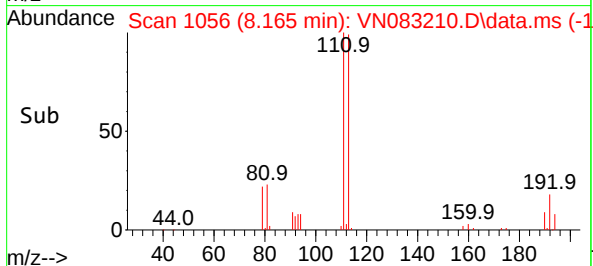
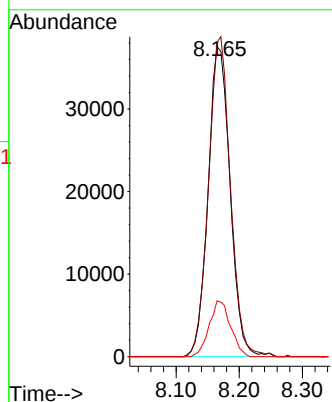
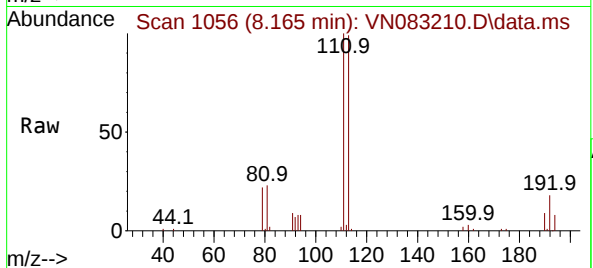
Tgt Ion:113 Resp: 91170

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.4 14.9 22.3



#50

Toluene-d8

Concen: 55.281 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083210.D

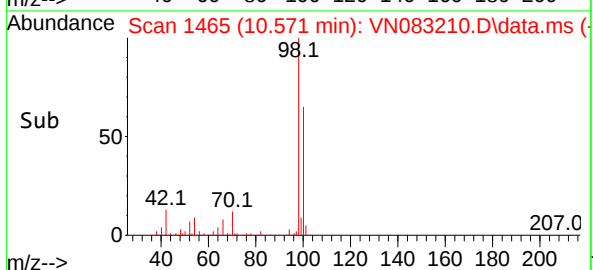
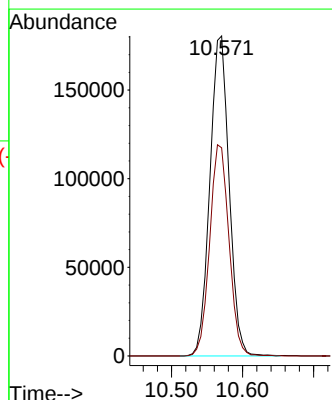
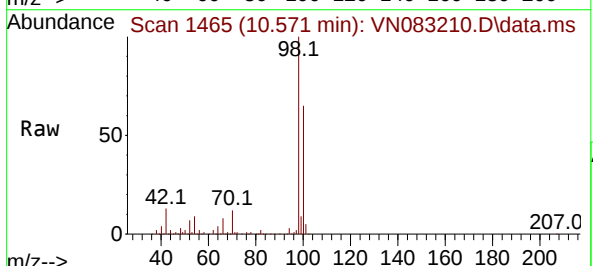
Acq: 10 Aug 2024 16:09

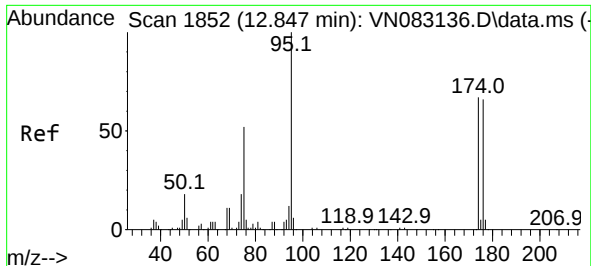
Tgt Ion: 98 Resp: 339389

Ion Ratio Lower Upper

98 100

100 66.2 51.5 77.3

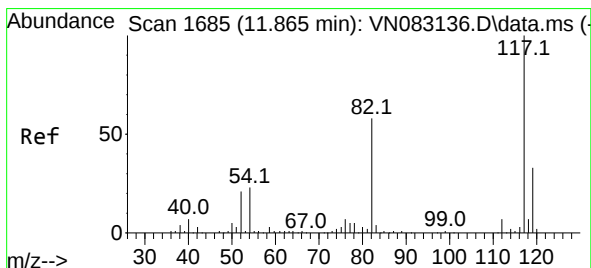
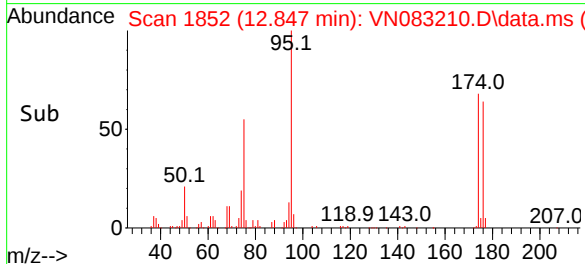
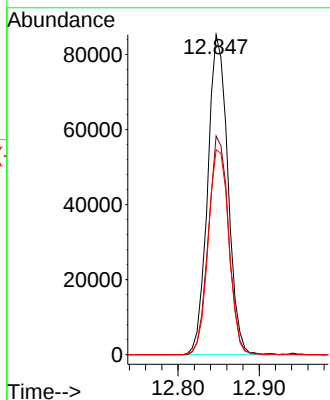
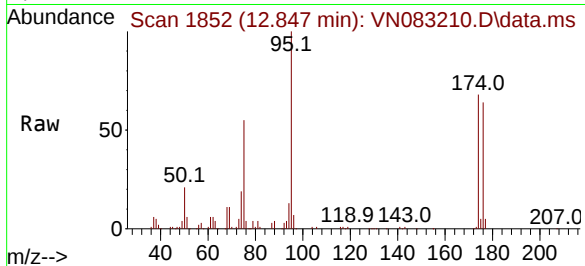




#62
4-Bromofluorobenzene
Concen: 61.448 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

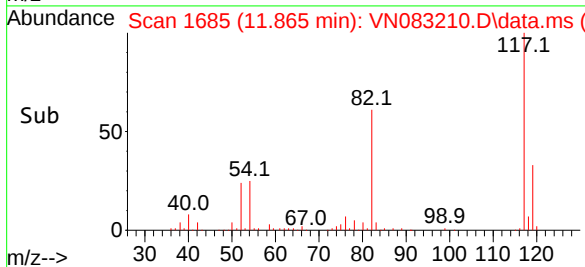
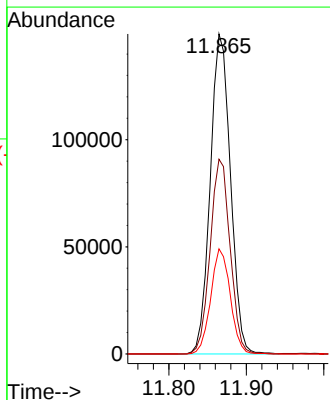
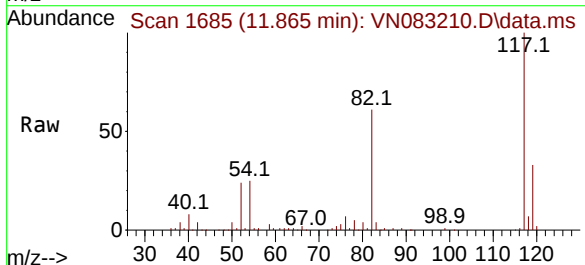
Instrument :
MSVOA_N
ClientSampleId :
TS05

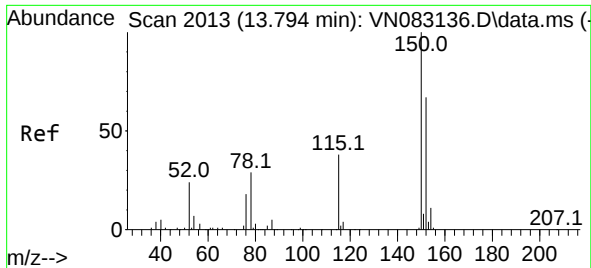
Tgt Ion:	95	Resp:	147074
Ion Ratio	Lower	Upper	
95	100		
174	68.3	0.0	159.2
176	65.6	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083210.D
Acq: 10 Aug 2024 16:09

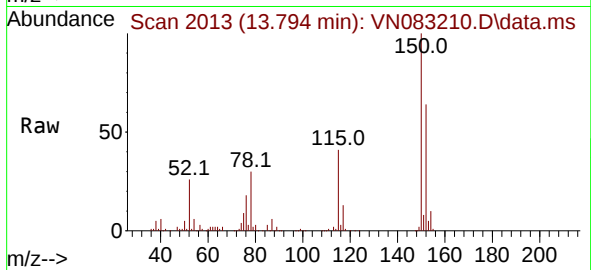
Tgt Ion:	117	Resp:	270643
Ion Ratio	Lower	Upper	
117	100		
82	60.8	47.5	71.3
119	32.9	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083210.D
 Acq: 10 Aug 2024 16:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TS05



Tgt Ion:152 Resp: 124210
 Ion Ratio Lower Upper
 152 100
 115 65.0 30.6 91.6
 150 158.7 0.0 348.6

