

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081243.D
 Acq On : 28 Feb 2024 15:17
 Operator : JC\MD
 Sample : P1590-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20240223

Quant Time: Feb 28 23:26:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

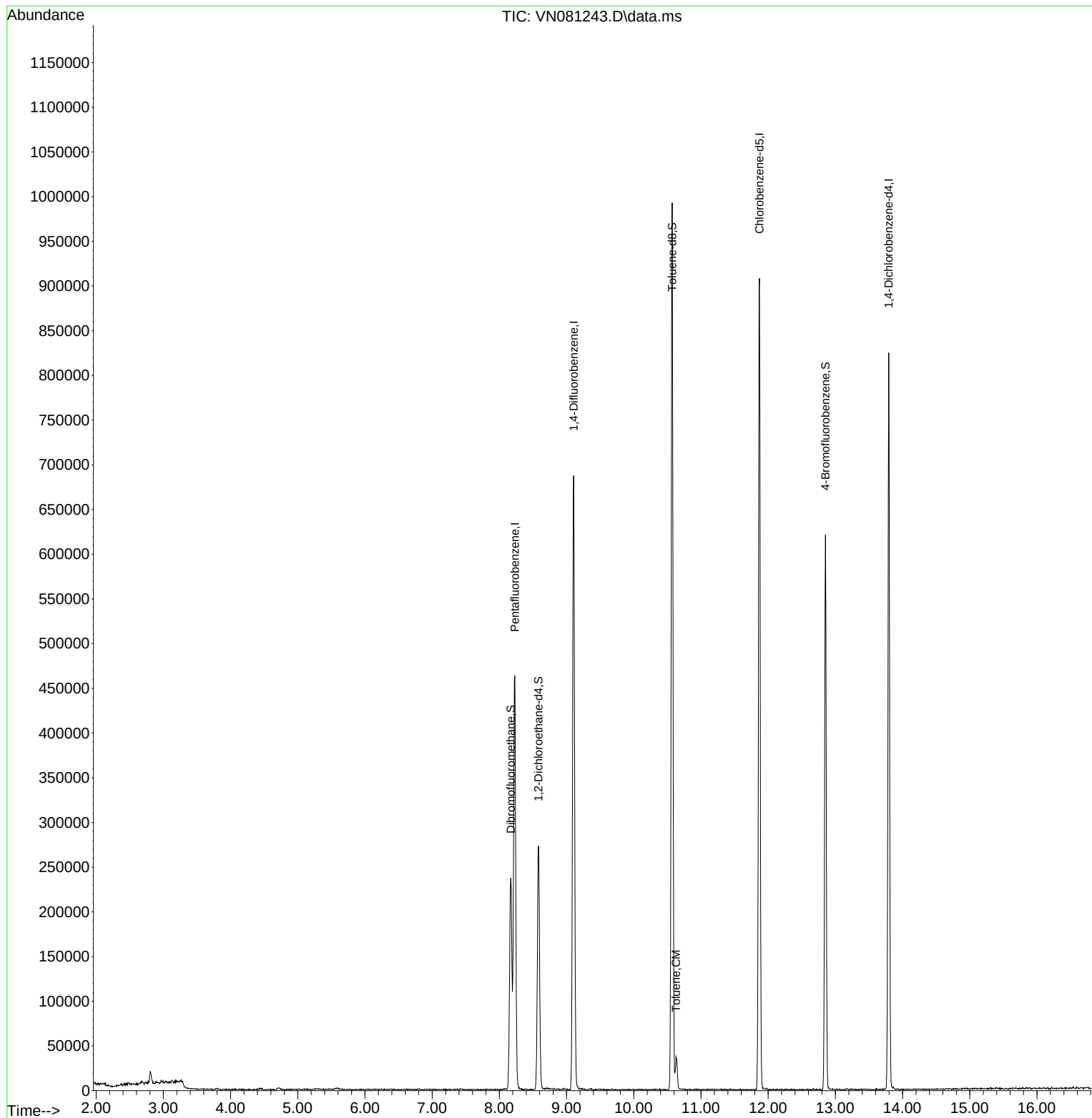
Internal Standards						
1) Pentafluorobenzene	8.230	168	315688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	592187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	520769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220379	56.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.900%
35) Dibromofluoromethane	8.171	113	176439	52.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.380%
50) Toluene-d8	10.571	98	664699	55.888	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.780%
62) 4-Bromofluorobenzene	12.853	95	211566	47.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.680%
Target Compounds						
52) Toluene	10.629	92	15447	1.469	ug/l	Qvalue 93

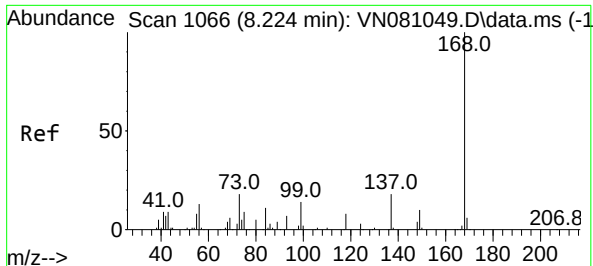
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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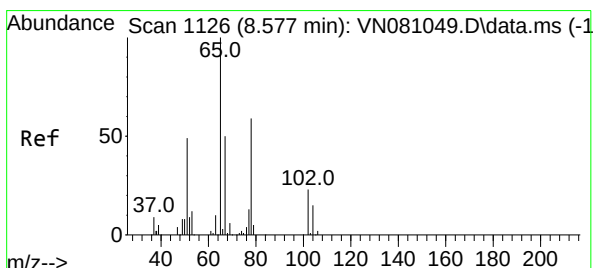
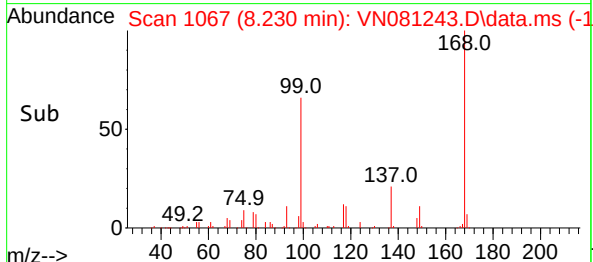
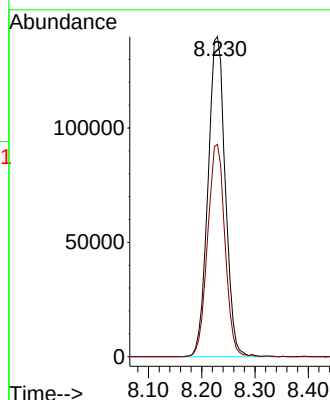
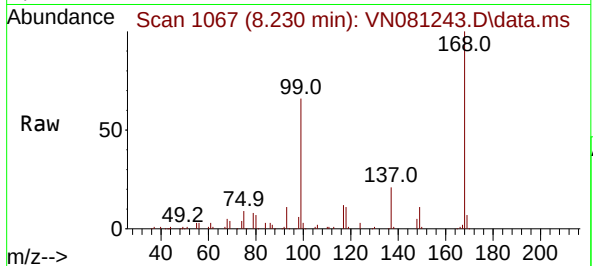




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081243.D
Acq: 28 Feb 2024 15:17

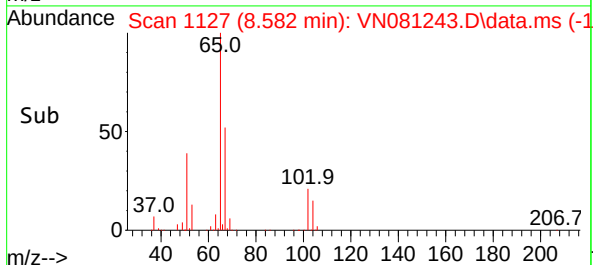
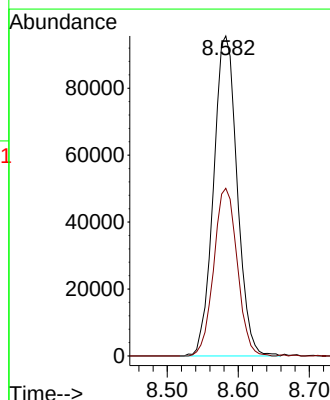
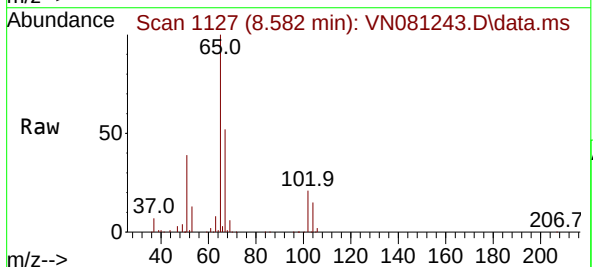
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223

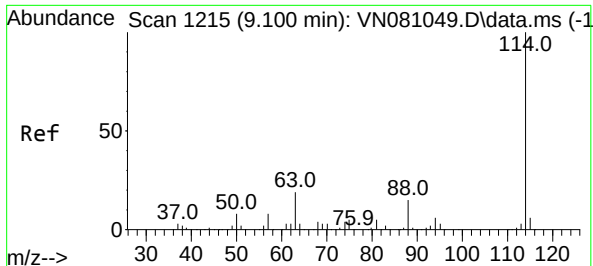
Tgt Ion:168 Resp: 315688
Ion Ratio Lower Upper
168 100
99 66.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 56.954 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081243.D
Acq: 28 Feb 2024 15:17

Tgt Ion: 65 Resp: 220379
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081243.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20240223

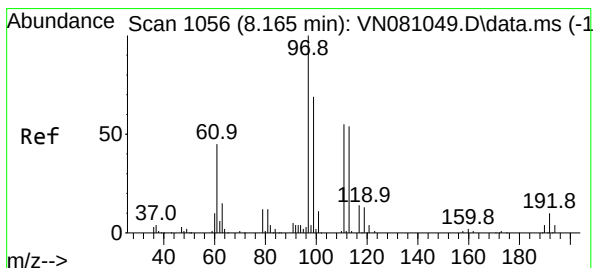
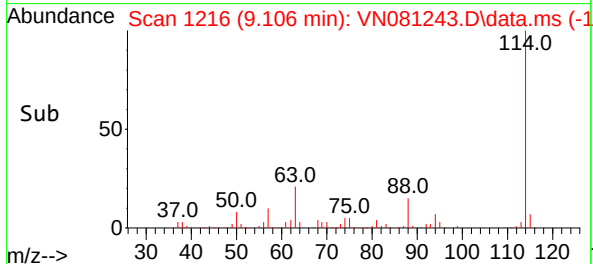
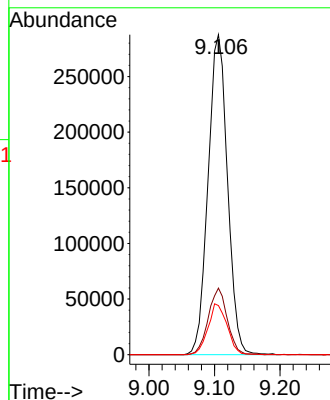
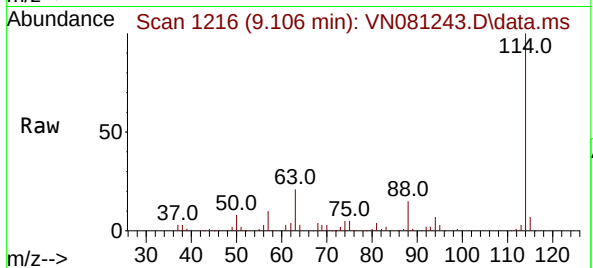
Tgt Ion:114 Resp: 592187

Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.690 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081243.D

Acq: 28 Feb 2024 15:17

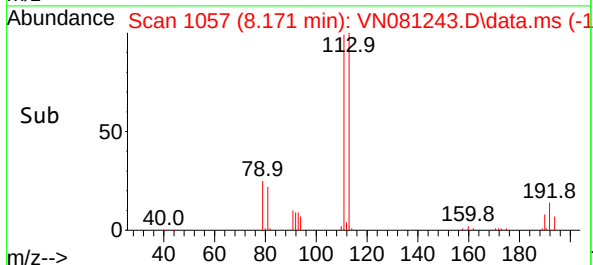
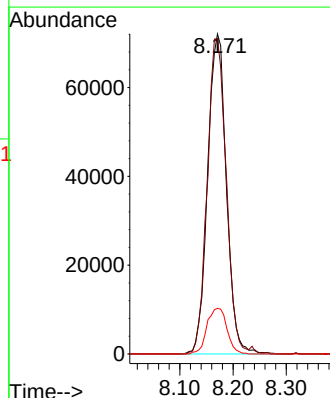
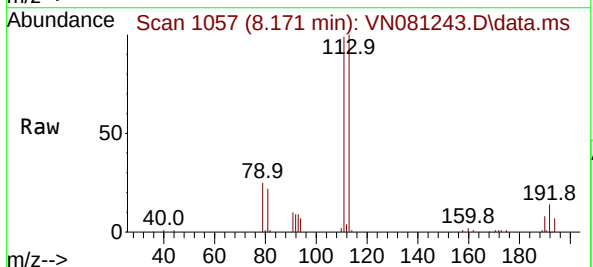
Tgt Ion:113 Resp: 176439

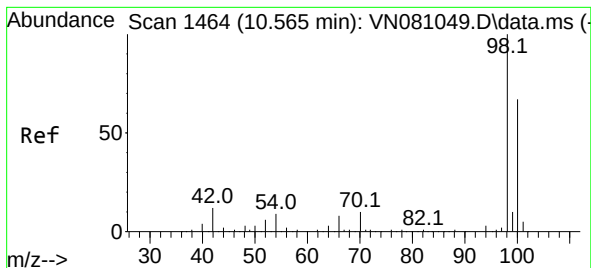
Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

192 15.2 12.5 18.7





#50

Toluene-d8

Concen: 55.888 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN081243.D

Acq: 28 Feb 2024 15:17

Instrument :

MSVOA_N

ClientSampleId :

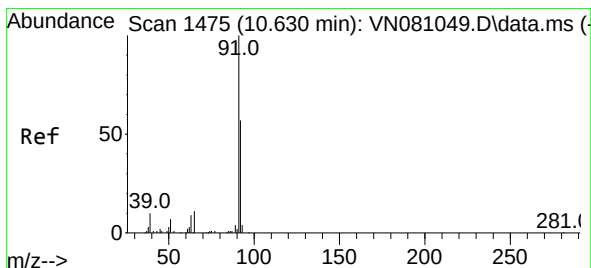
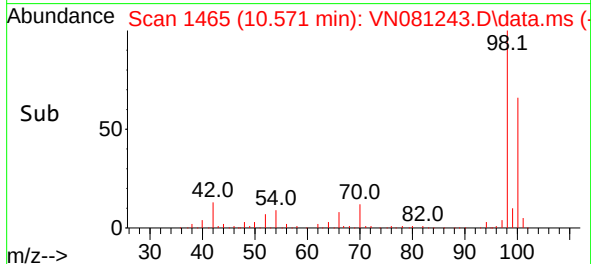
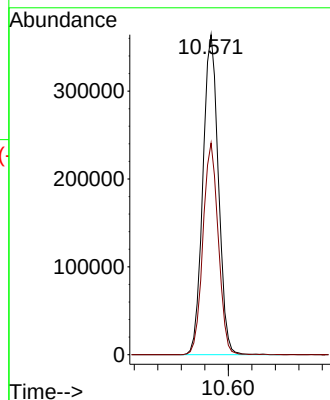
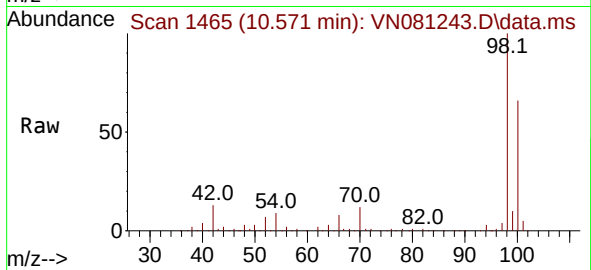
DUP01-20240223

Tgt Ion: 98 Resp: 664699

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.0



#52

Toluene

Concen: 1.469 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN081243.D

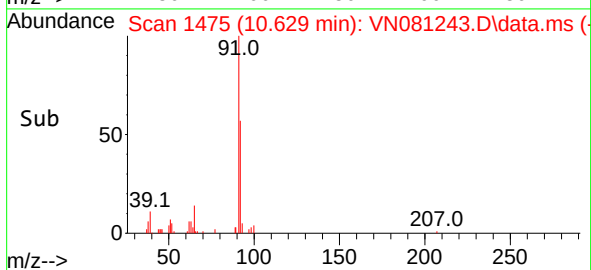
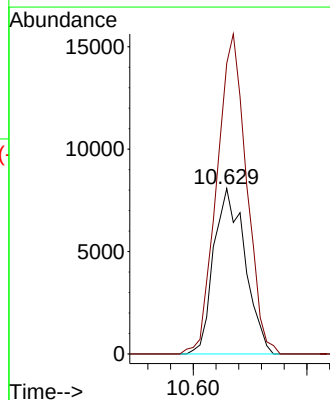
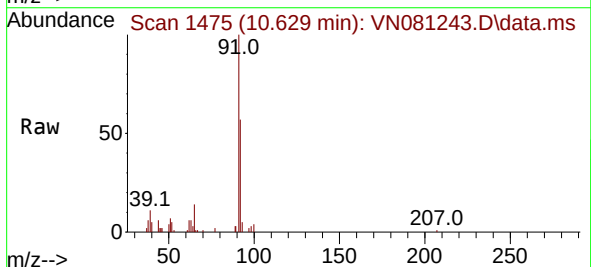
Acq: 28 Feb 2024 15:17

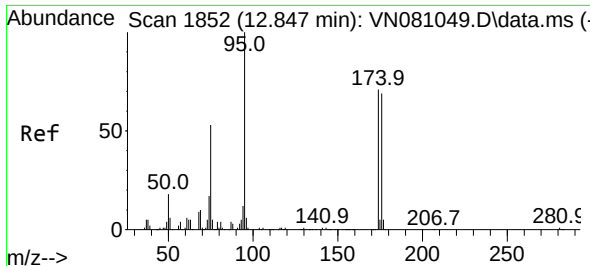
Tgt Ion: 92 Resp: 15447

Ion Ratio Lower Upper

92 100

91 183.6 139.4 209.0

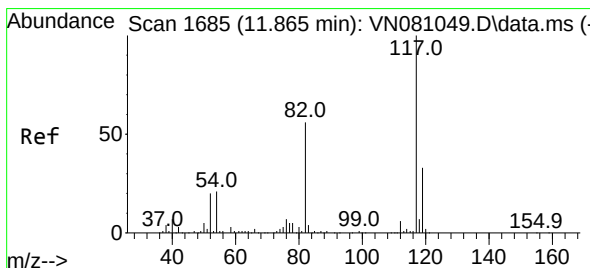
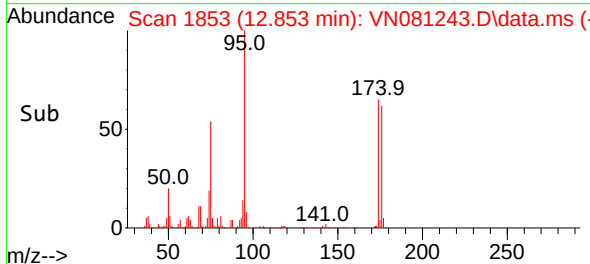
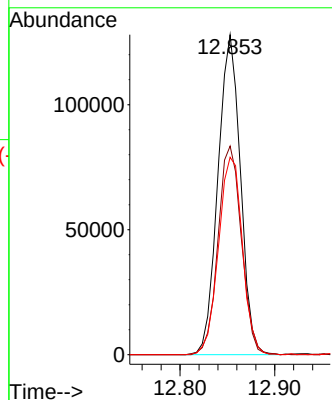
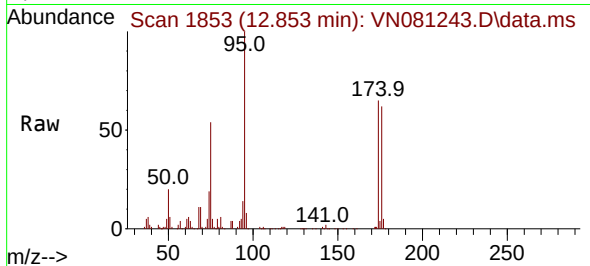




#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081243.D
Acq: 28 Feb 2024 15:17

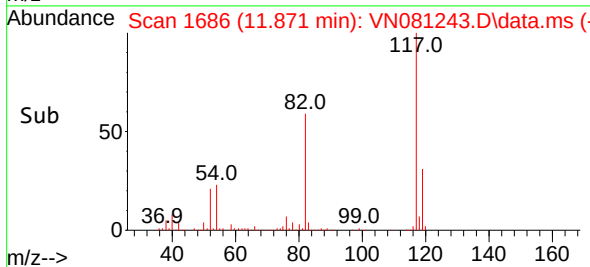
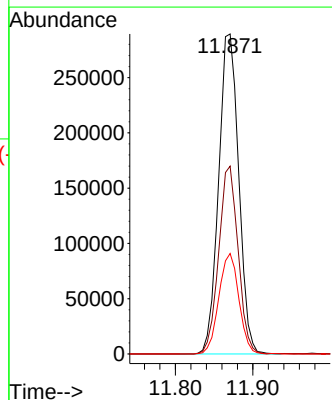
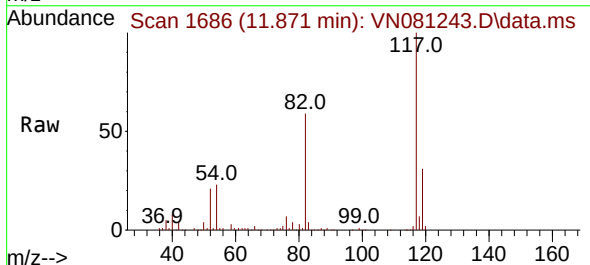
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20240223

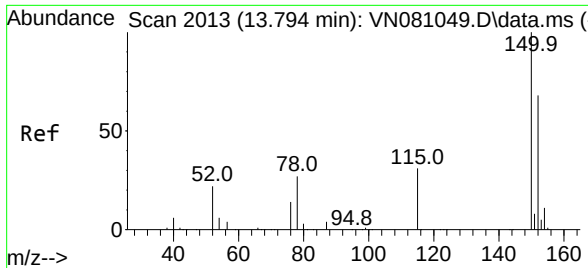
Tgt Ion:	95	Resp:	211566
Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	120.4
176	65.5	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081243.D
Acq: 28 Feb 2024 15:17

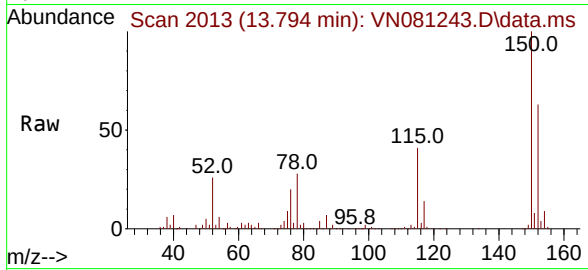
Tgt Ion:	117	Resp:	520769
Ion	Ratio	Lower	Upper
117	100		
82	58.7	52.7	79.1
119	31.4	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081243.D
 Acq: 28 Feb 2024 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20240223



Tgt Ion:152 Resp: 201772
 Ion Ratio Lower Upper
 152 100
 115 64.5 32.3 96.8
 150 158.3 0.0 339.8

