

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082320.D
 Acq On : 23 May 2024 14:42
 Operator : JC\MD
 Sample : P2558-01 40X
 Misc : 1.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: May 24 04:18:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

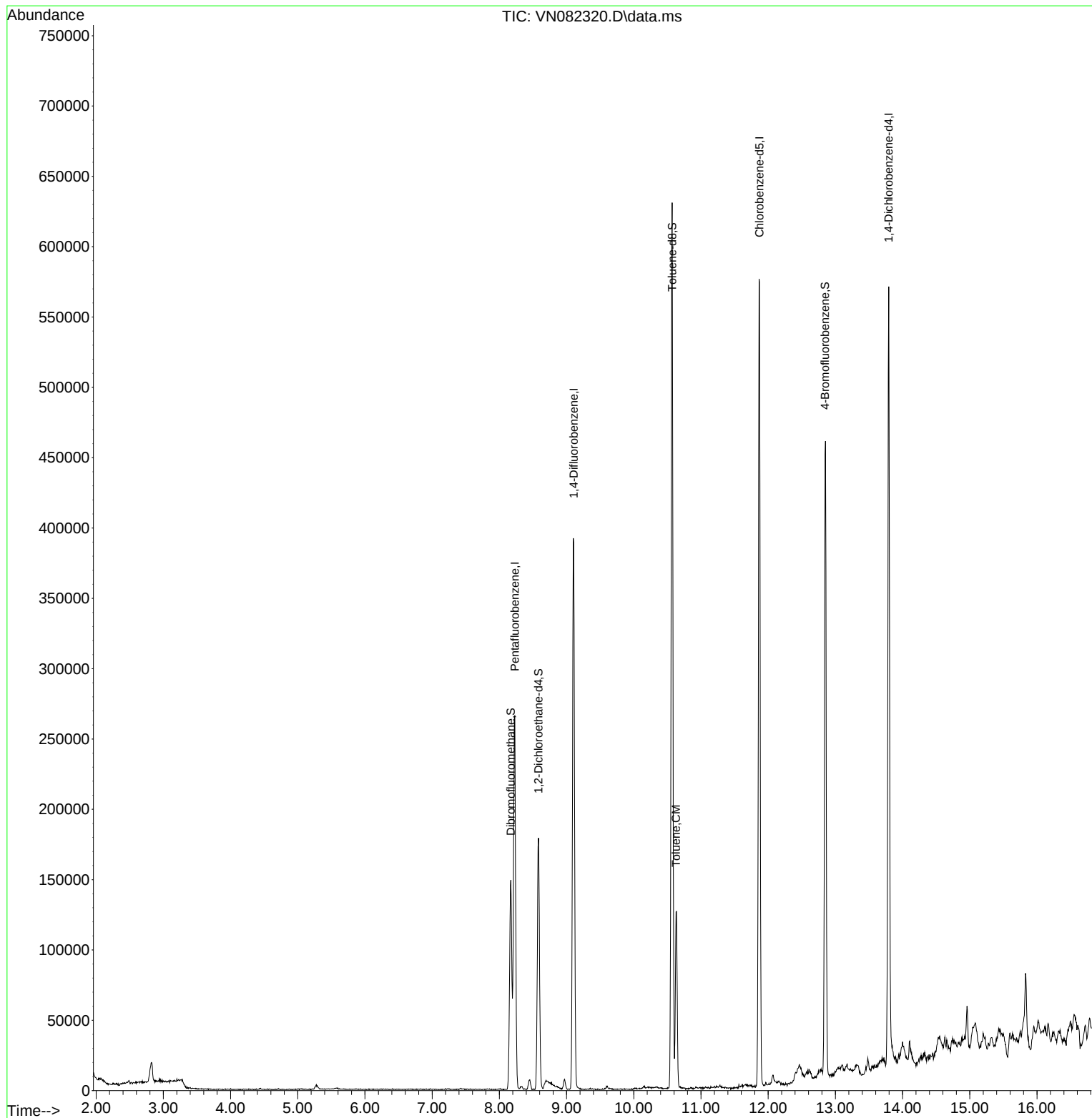
Internal Standards						
1) Pentafluorobenzene	8.230	168	180686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	303568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	148112	51.913	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.820%	
35) Dibromofluoromethane	8.171	113	101260	52.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.180%	
50) Toluene-d8	10.571	98	406645	54.560	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.120%	
62) 4-Bromofluorobenzene	12.847	95	146379	55.026	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 110.060%	
Target Compounds						
52) Toluene	10.629	92	53047	9.092	ug/l	Qvalue 98

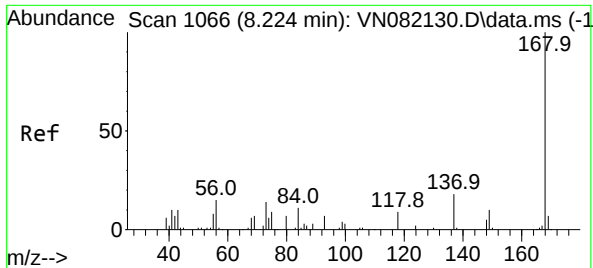
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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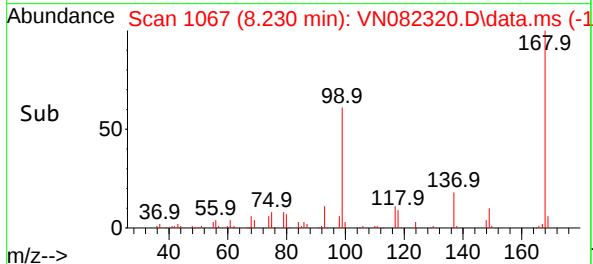
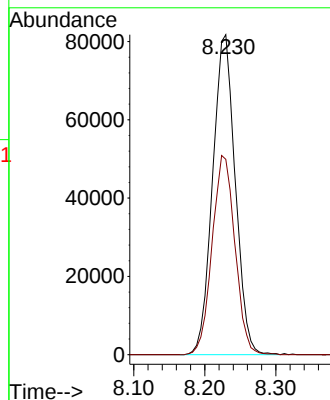
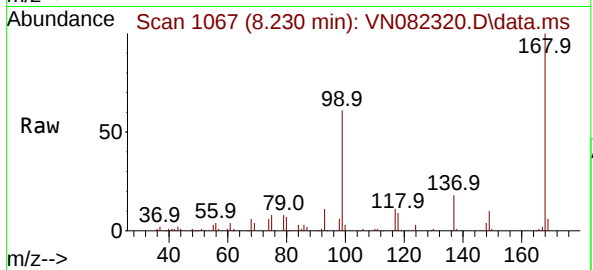




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

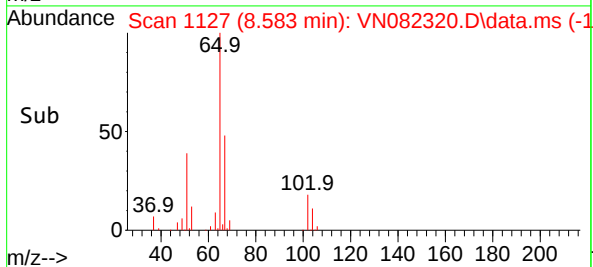
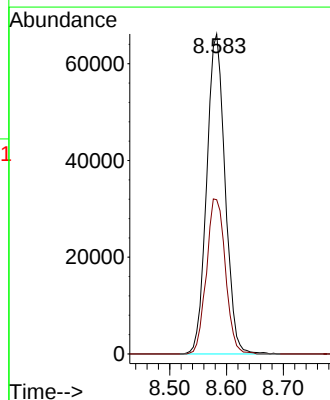
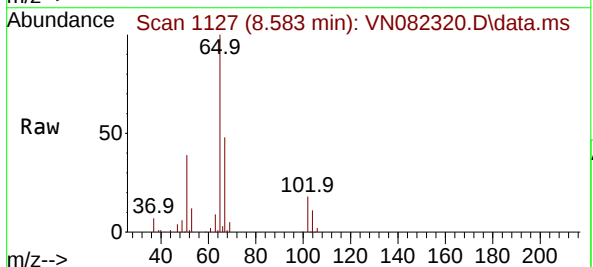
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

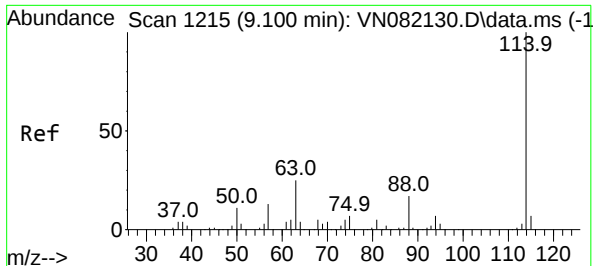
Tgt Ion:168 Resp: 180686
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.913 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Tgt Ion: 65 Resp: 148112
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

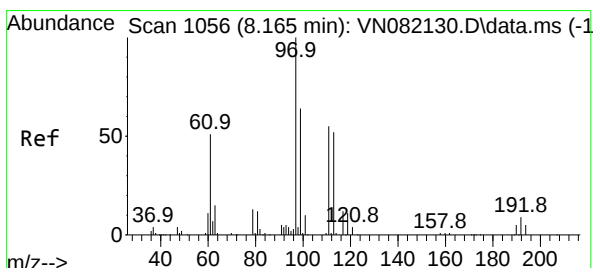
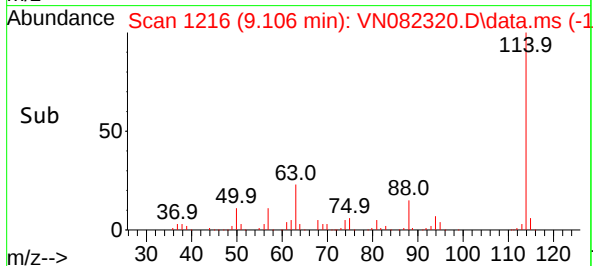
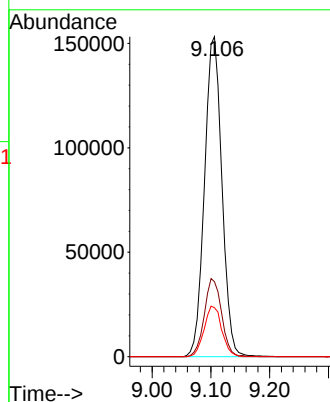
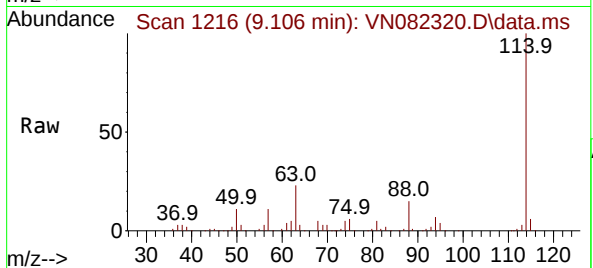
Tgt Ion:114 Resp: 316017

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.089 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082320.D

Acq: 23 May 2024 14:42

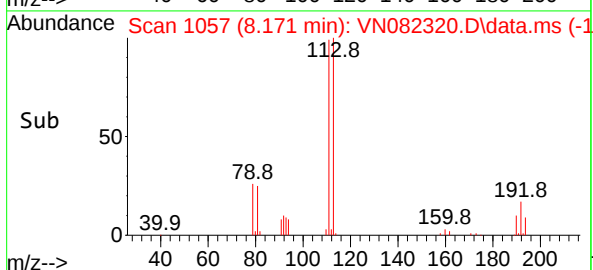
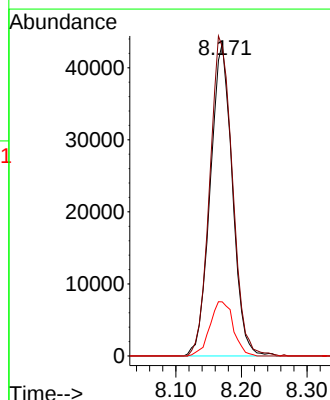
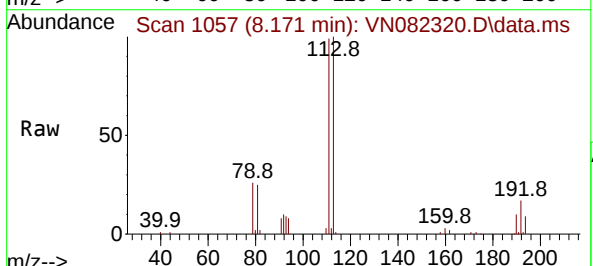
Tgt Ion:113 Resp: 101260

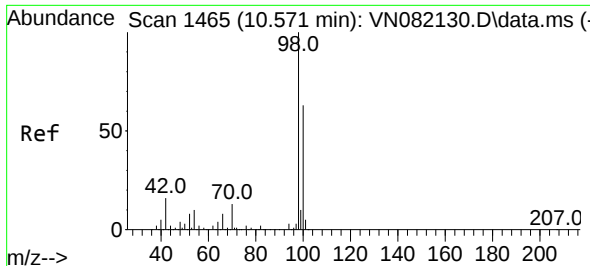
Ion Ratio Lower Upper

113 100

111 105.4 83.4 125.2

192 18.4 14.0 21.0

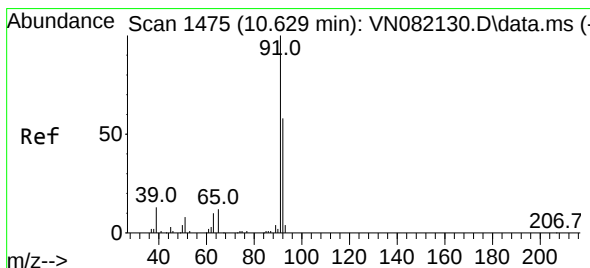
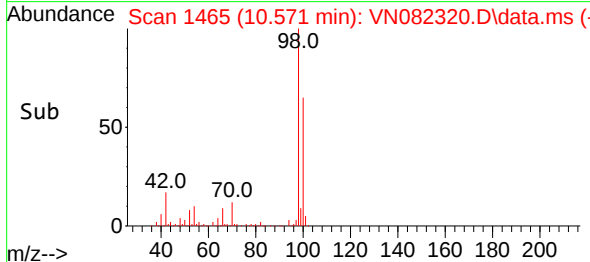
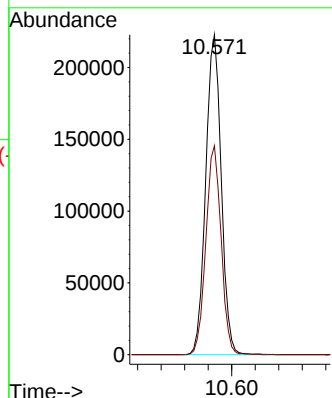
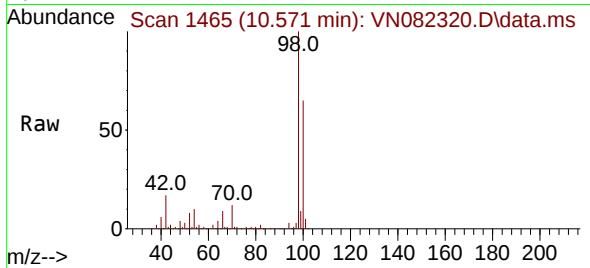




#50
Toluene-d8
Concen: 54.560 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

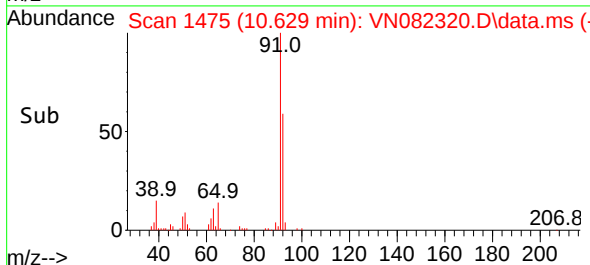
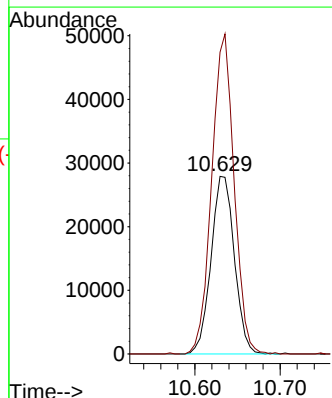
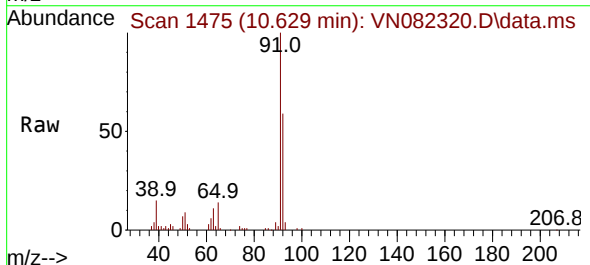
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

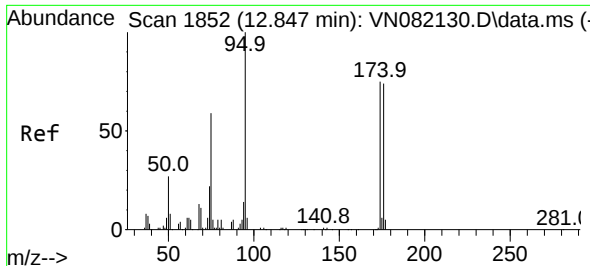
Tgt Ion: 98 Resp: 406645
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#52
Toluene
Concen: 9.092 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

Tgt Ion: 92 Resp: 53047
Ion Ratio Lower Upper
92 100
91 173.2 136.7 205.1

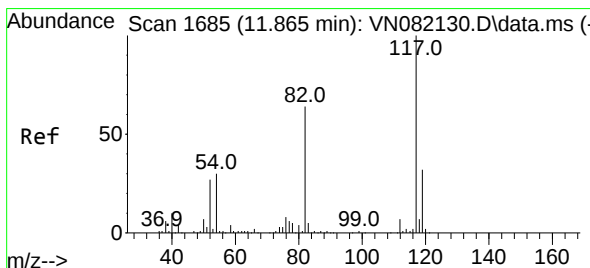
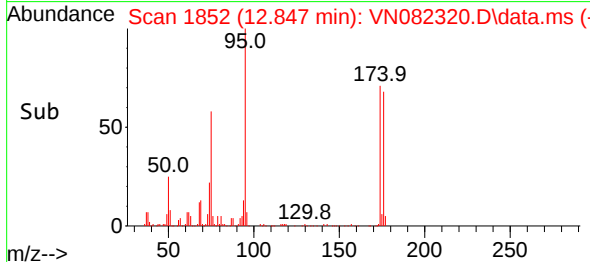
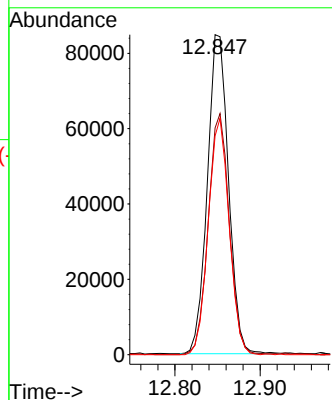
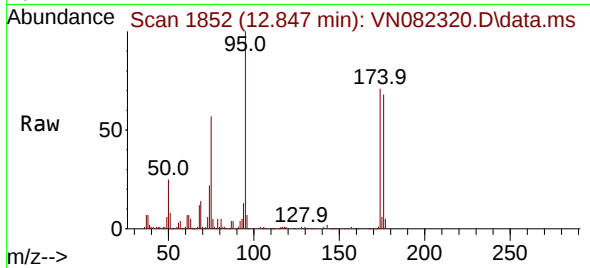




#62
4-Bromofluorobenzene
Concen: 55.026 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

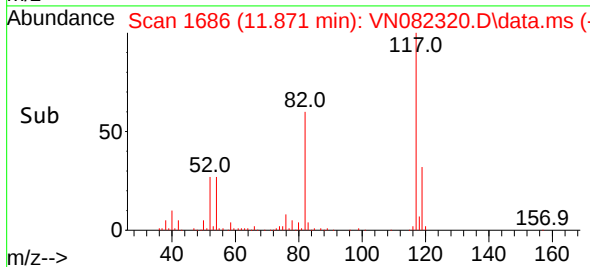
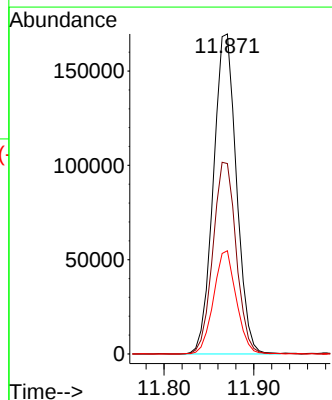
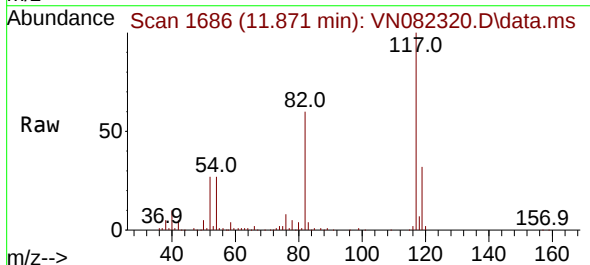
Instrument :
MSVOA_N
ClientSampleId :
COMP-1

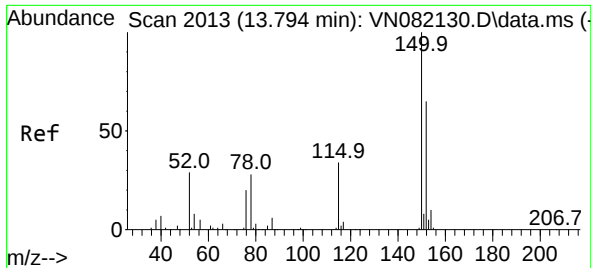
Tgt Ion: 95 Resp: 146379
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 72.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082320.D
Acq: 23 May 2024 14:42

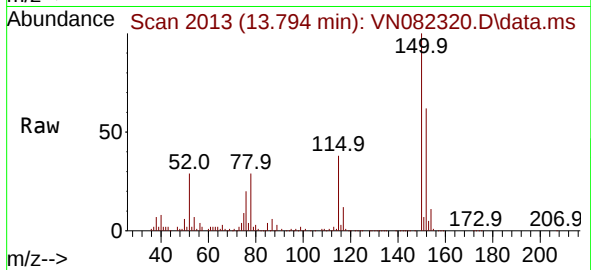
Tgt Ion: 117 Resp: 303568
Ion Ratio Lower Upper
117 100
82 59.5 44.6 66.8
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082320.D
 Acq: 23 May 2024 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1



Tgt Ion:152 Resp: 133314
 Ion Ratio Lower Upper
 152 100
 115 61.4 30.4 91.3
 150 158.3 0.0 353.2

