

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068906.D
 Acq On : 13 Oct 2021 18:54
 Operator : JC/MD
 Sample : M4192-07 10X
 Misc : 5.48g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-8

Quant Time: Oct 14 06:44:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	427956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	680432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	618501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	233077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	242794	43.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.06%
35) Dibromofluoromethane	8.021	113	200367	50.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.22%
50) Toluene-d8	10.443	98	829542	52.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.74%
62) 4-Bromofluorobenzene	12.733	95	282531	47.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.56%

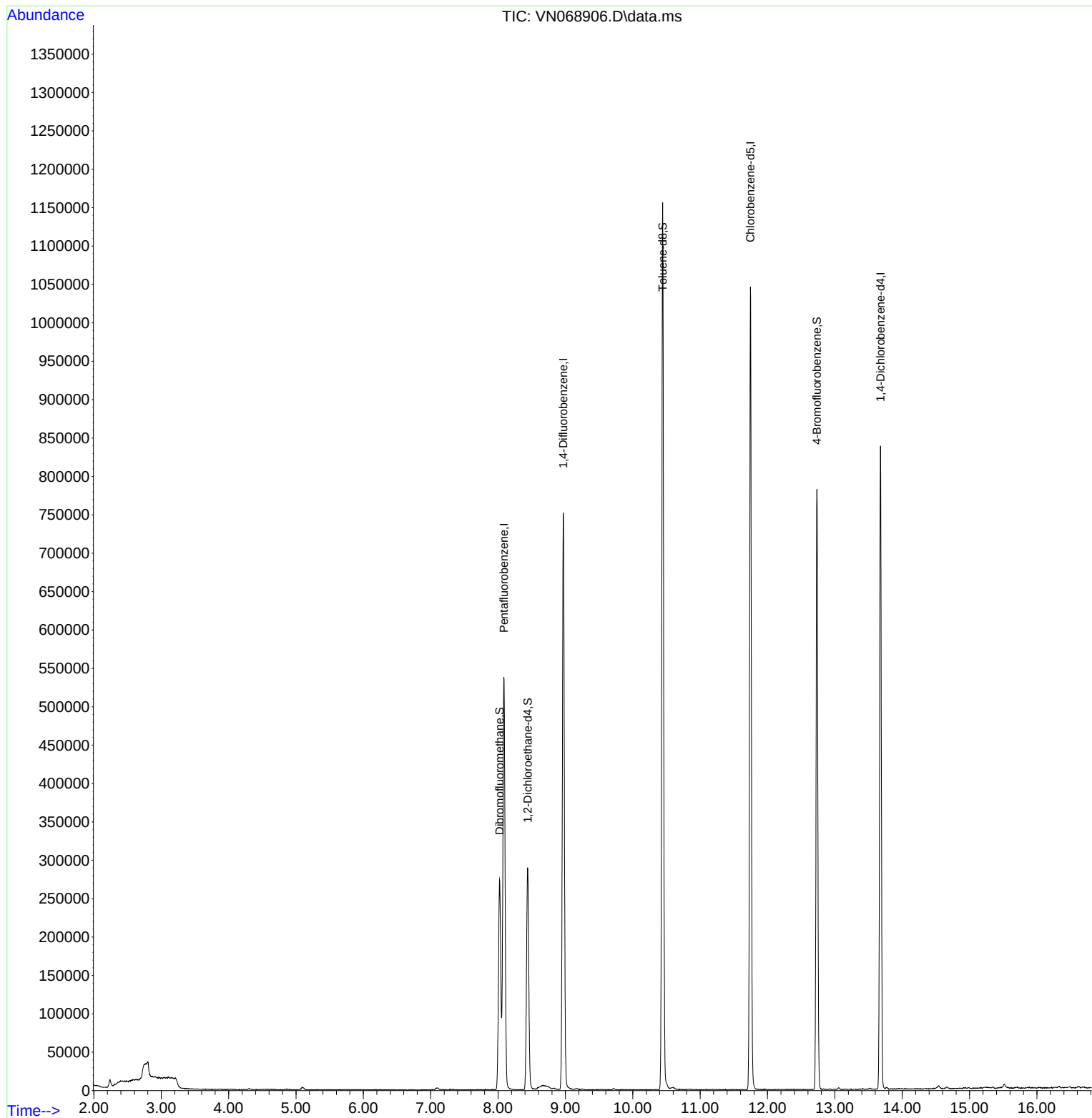
Target Compounds	Qvalue

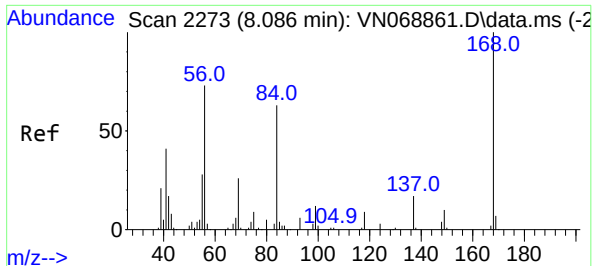
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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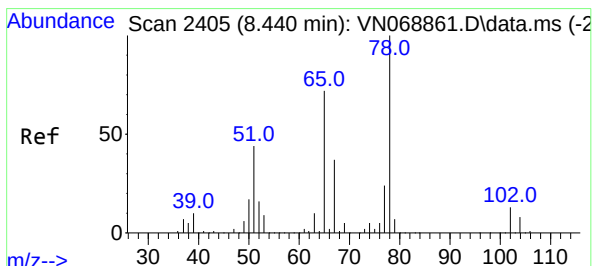
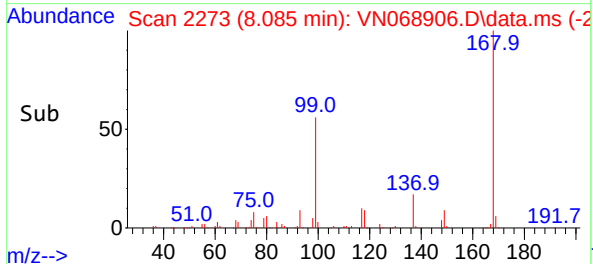
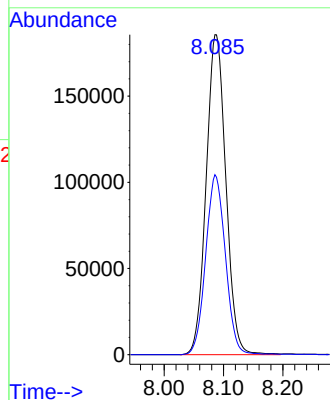
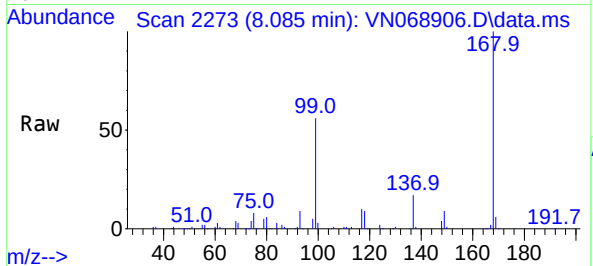




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.001 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

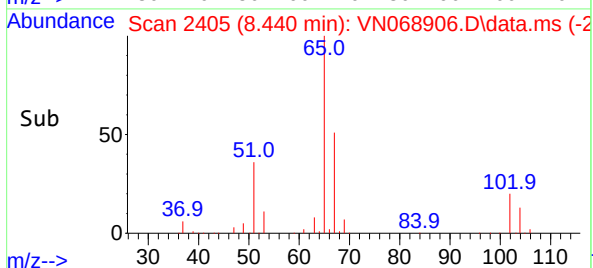
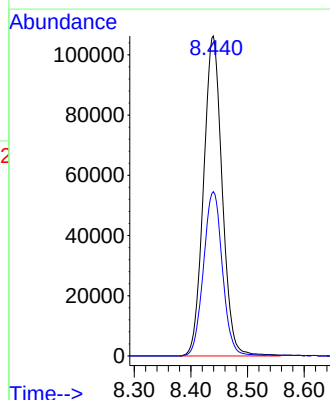
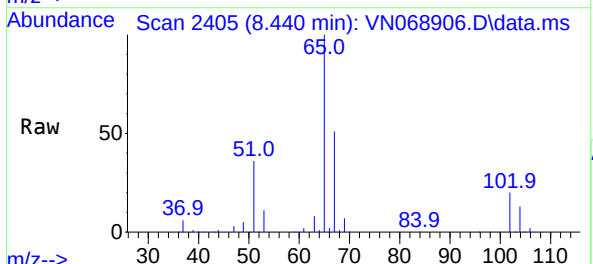
Instrument :
MSVOA_N
ClientSampled :
HAR-8

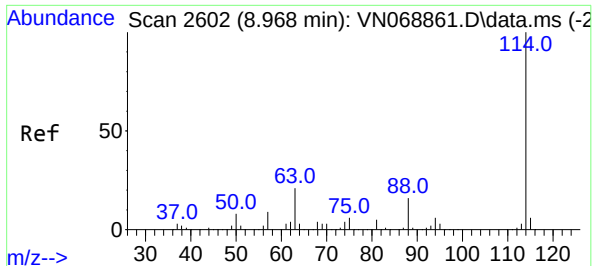
Tgt Ion:168 Resp: 427956
Ion Ratio Lower Upper
168 100
99 56.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 43.03 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

Tgt Ion: 65 Resp: 242794
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

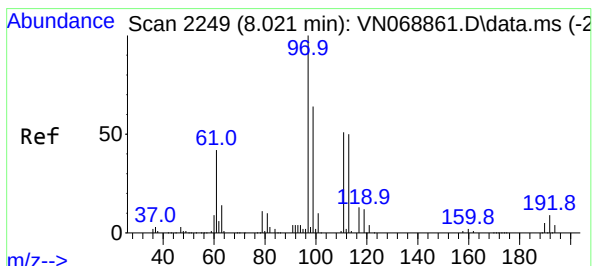
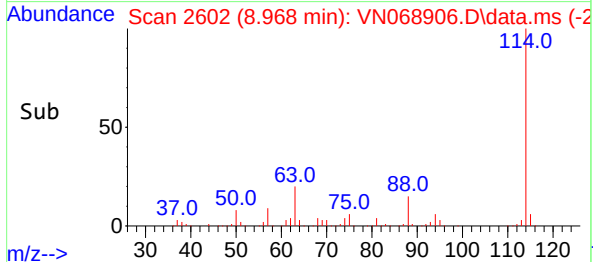
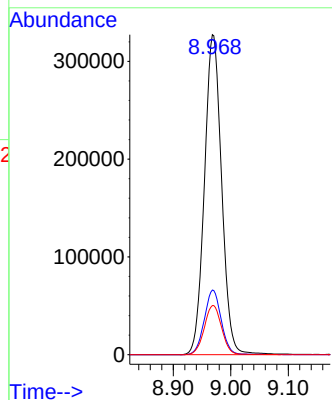
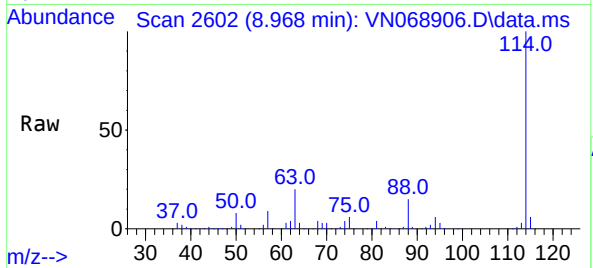




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

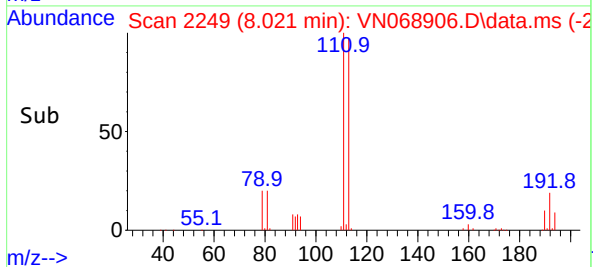
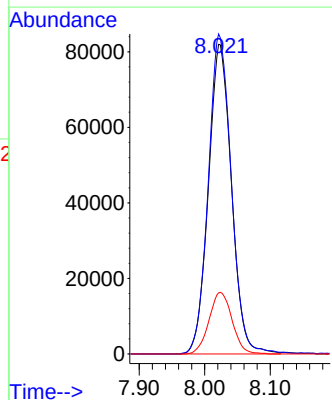
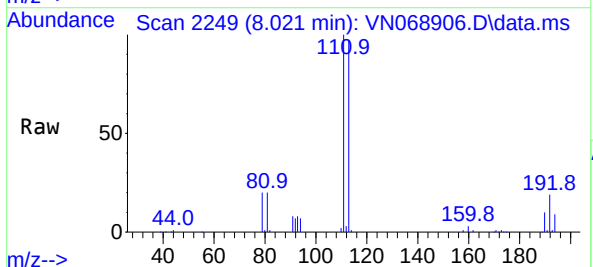
Instrument :
MSVOA_N
ClientSampled :
HAR-8

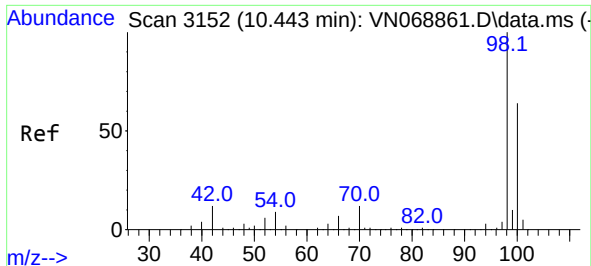
Tgt Ion:114 Resp: 680432
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.61 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

Tgt Ion:113 Resp: 200367
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 19.9 15.0 22.4

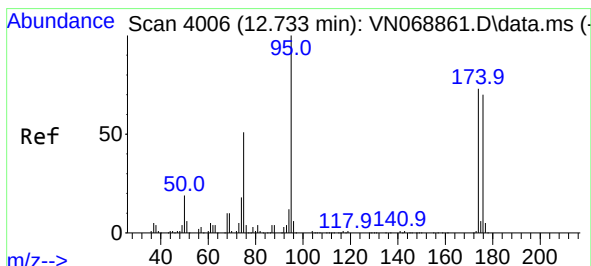
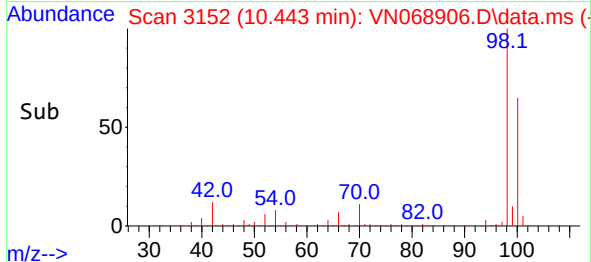
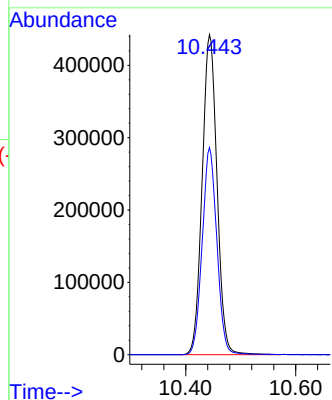
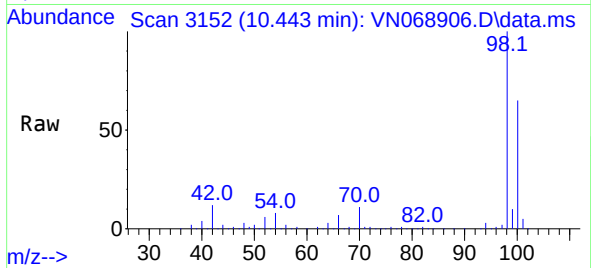




#50
Toluene-d8
Concen: 52.37 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

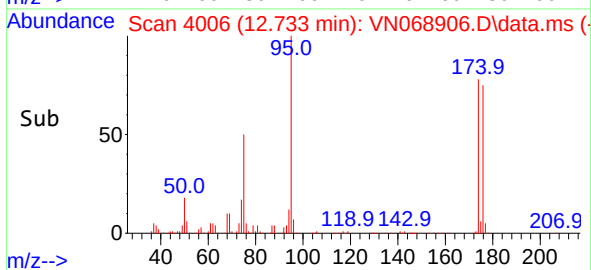
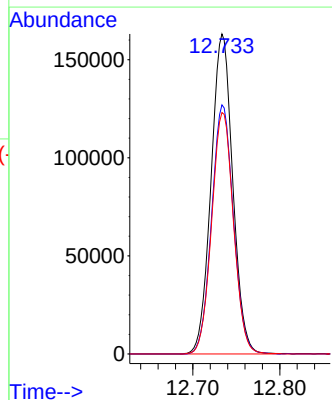
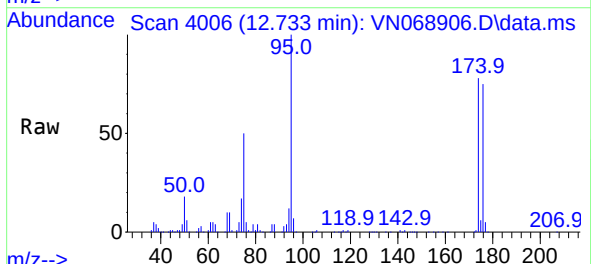
Instrument :
MSVOA_N
ClientSampled :
HAR-8

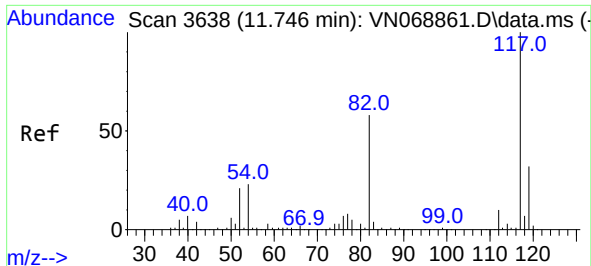
Tgt Ion: 98 Resp: 829542
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.28 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

Tgt Ion: 95 Resp: 282531
Ion Ratio Lower Upper
95 100
174 78.3 0.0 144.8
176 75.9 0.0 140.0



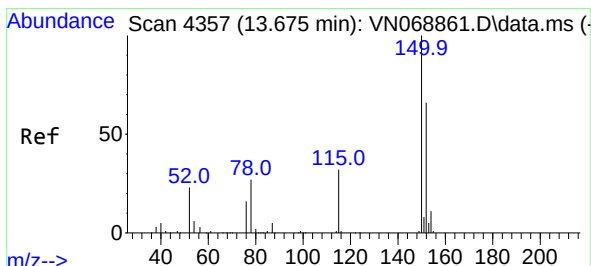
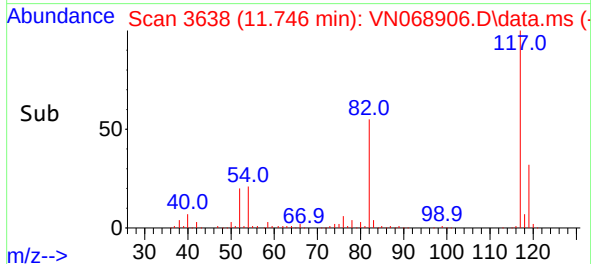
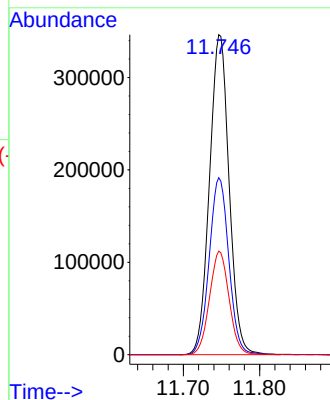
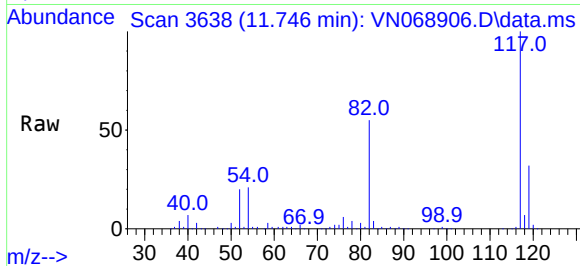


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

Instrument :
MSVOA_N
ClientSampled :
HAR-8

Tgt Ion:117 Resp: 618501

Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.4	69.6
119	32.3	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068906.D
Acq: 13 Oct 2021 18:54

Tgt Ion:152 Resp: 233077

Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.4	94.3
150	157.4	0.0	351.0

