

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068905.D
 Acq On : 13 Oct 2021 18:29
 Operator : JC/MD
 Sample : M4192-05 10X
 Misc : 5.66g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HAR-6

Quant Time: Oct 14 06:43:55 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	8.088	168	423708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	682189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	629369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	245107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	241552	43.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	86.48%
35) Dibromofluoromethane	8.024	113	200762	50.58	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.16%
50) Toluene-d8	10.443	98	832320	52.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.82%
62) 4-Bromofluorobenzene	12.733	95	286544	47.82	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.64%

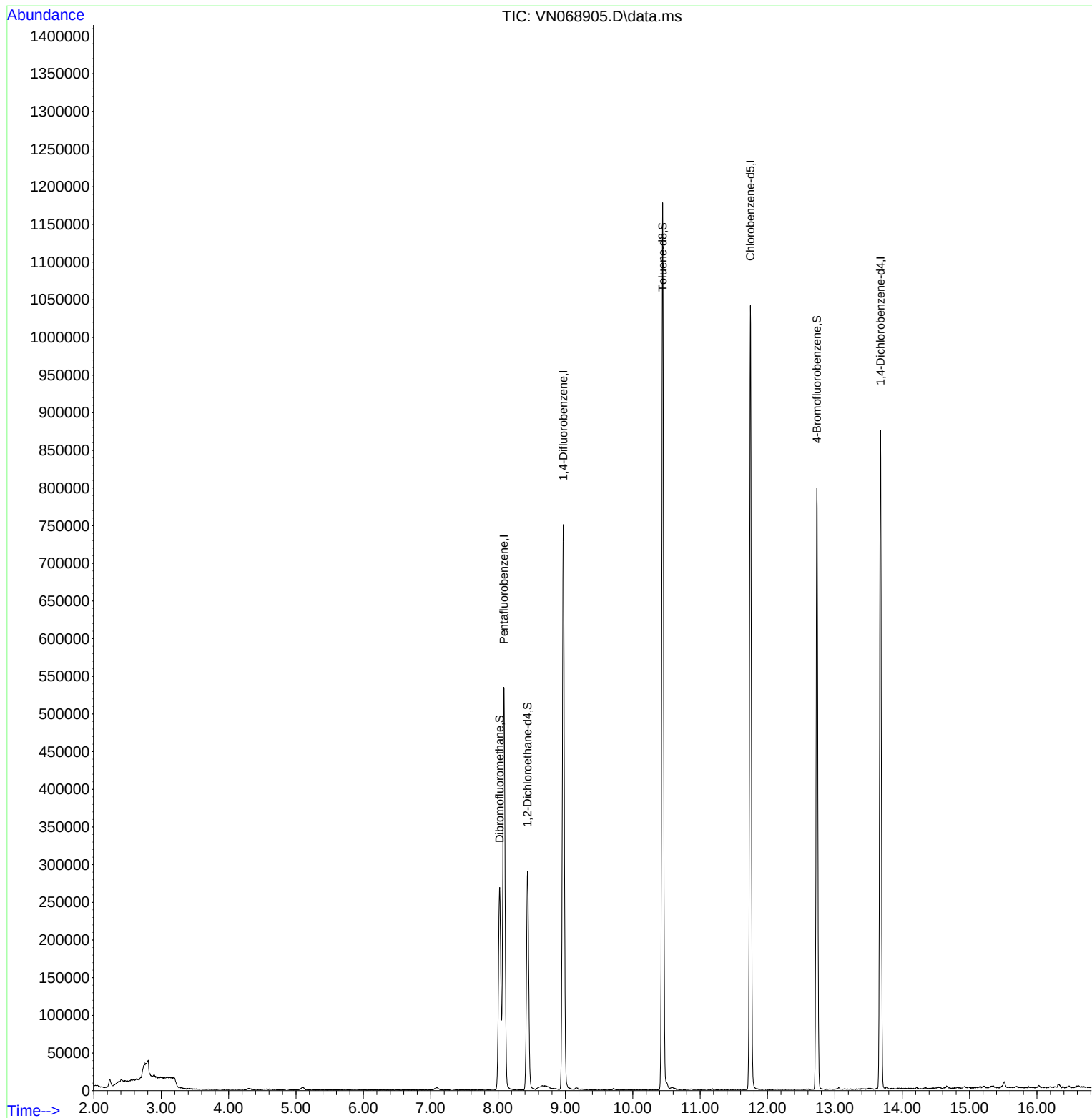
Target Compounds	Qvalue

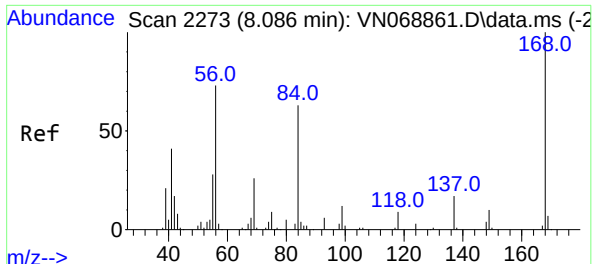
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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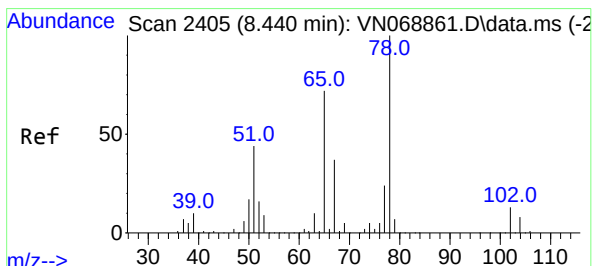
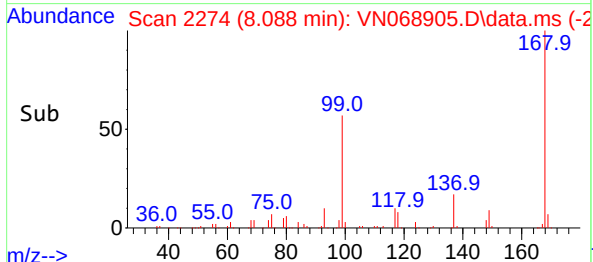
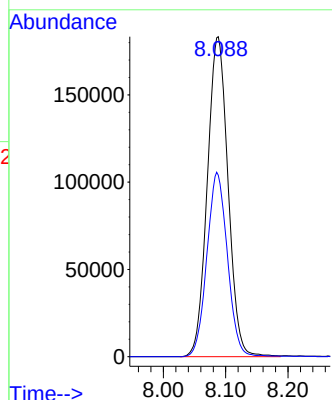
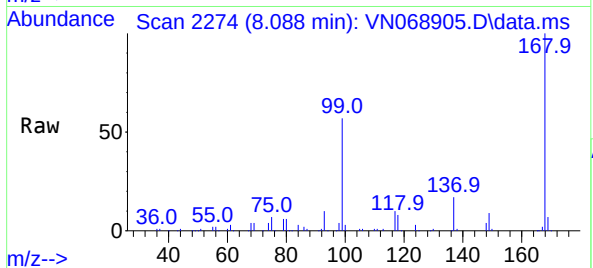




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

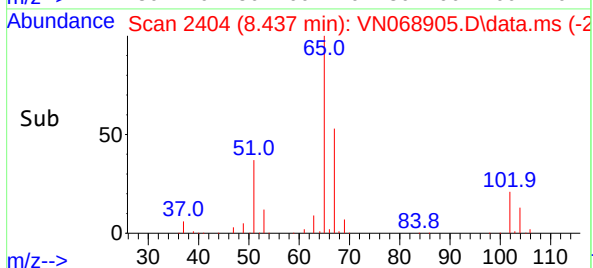
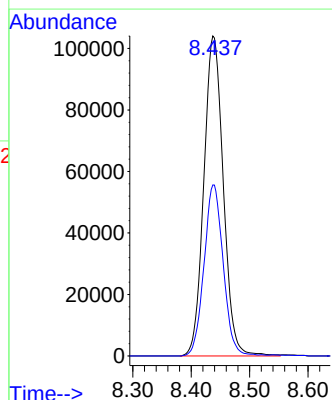
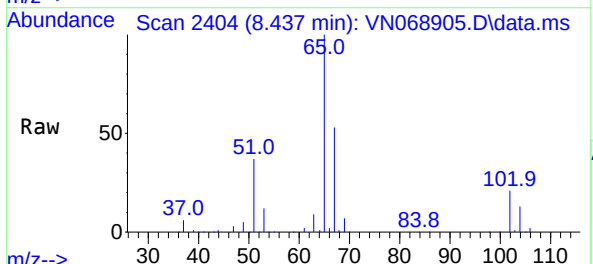
Instrument :
MSVOA_N
ClientSampled :
HAR-6

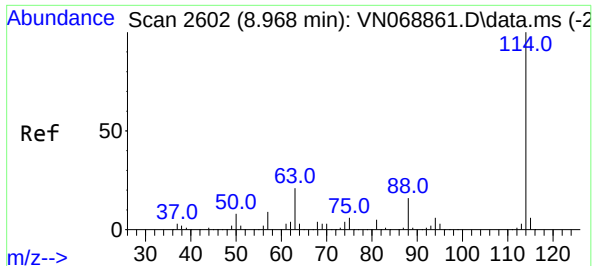
Tgt Ion:168 Resp: 423708
Ion Ratio Lower Upper
168 100
99 56.7 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 43.24 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion: 65 Resp: 241552
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.8



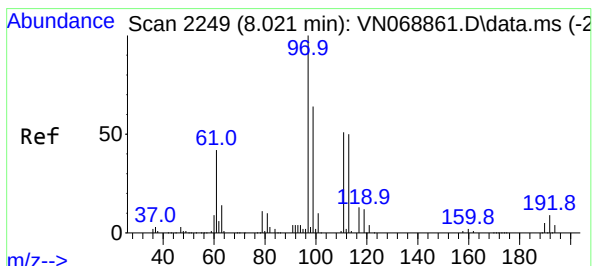
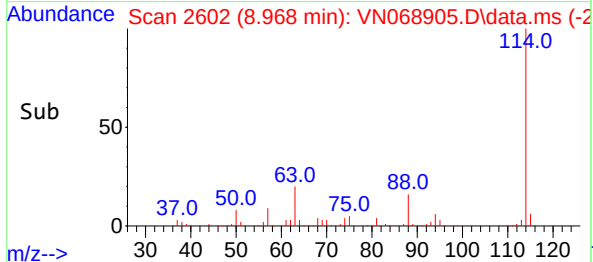
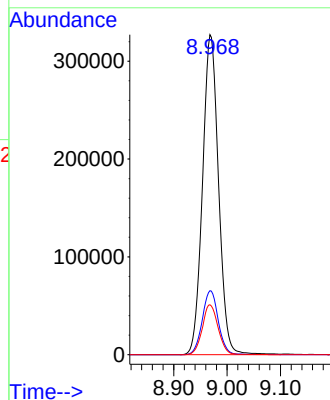
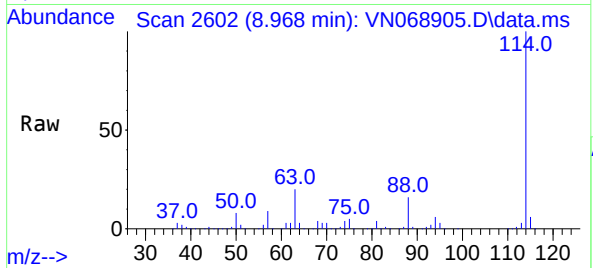


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
HAR-6

Tgt Ion:114 Resp: 682189

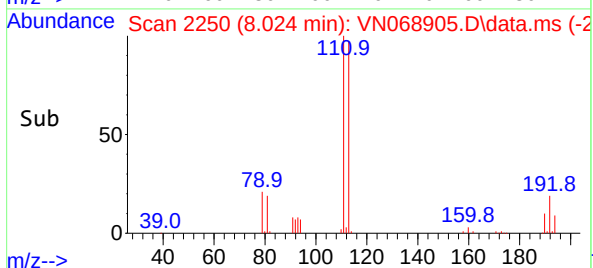
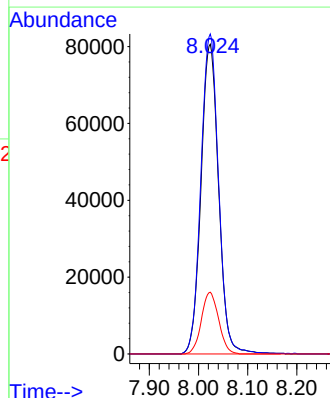
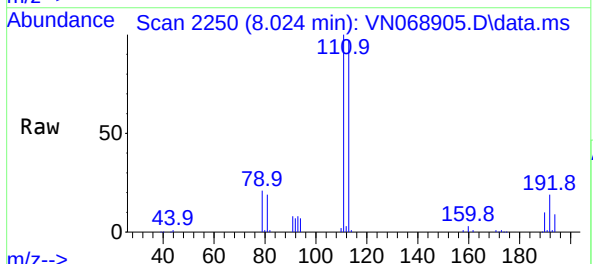
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	15.6	0.0	32.0

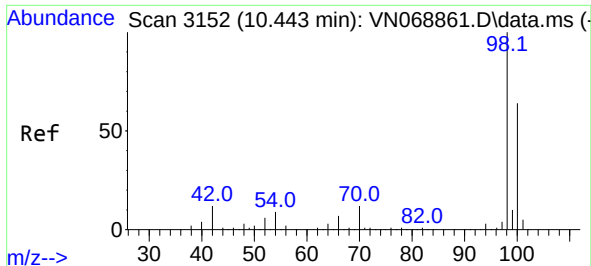


#35
Dibromofluoromethane
Concen: 50.58 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion:113 Resp: 200762

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	19.5	15.0	22.4

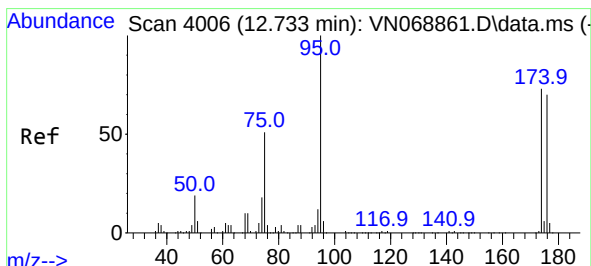
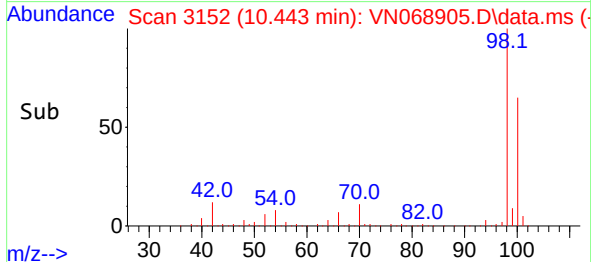
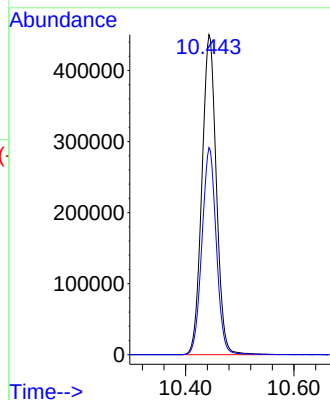
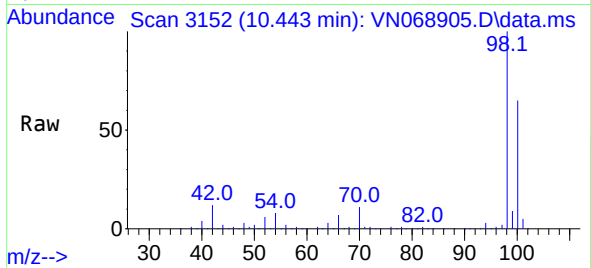




#50
Toluene-d8
Concen: 52.41 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

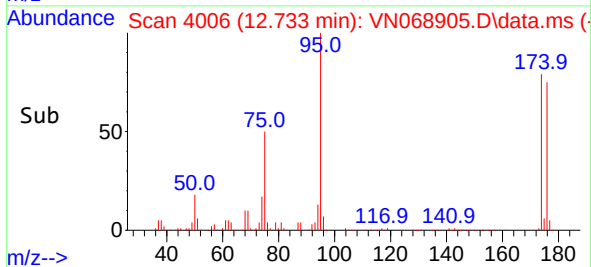
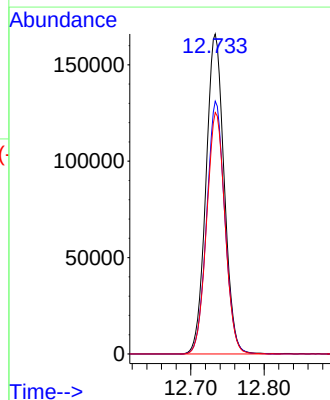
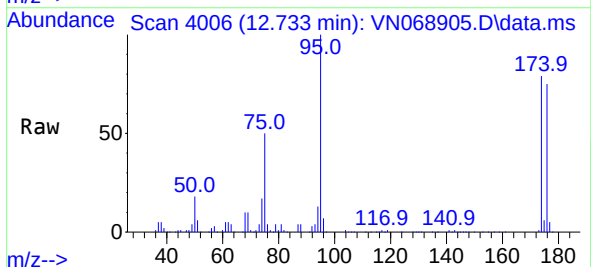
Instrument :
MSVOA_N
ClientSampled :
HAR-6

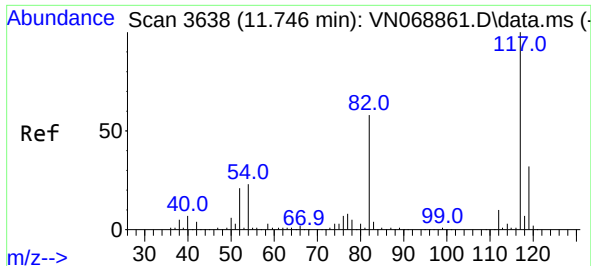
Tgt Ion: 98 Resp: 832320
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.82 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion: 95 Resp: 286544
Ion Ratio Lower Upper
95 100
174 78.5 0.0 144.8
176 76.1 0.0 140.0

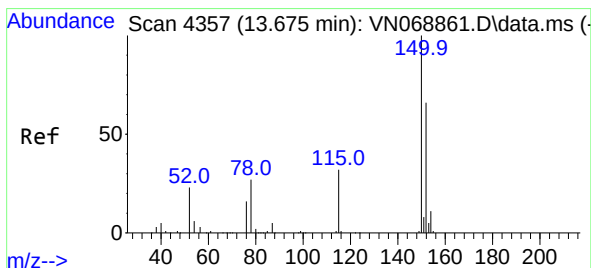
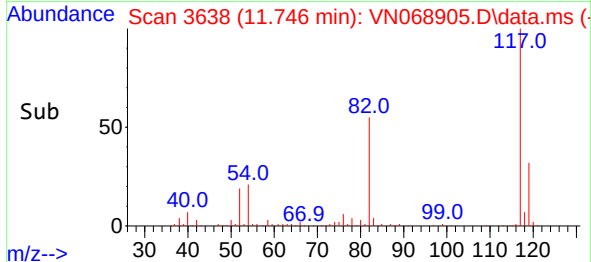
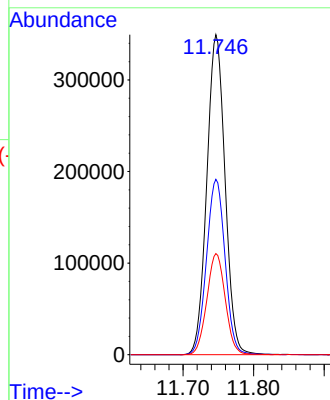
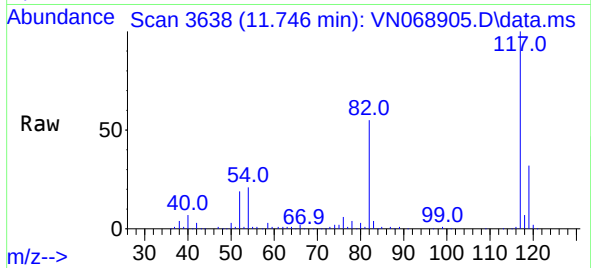




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068905.D
Acq: 13 Oct 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :
HAR-6

Tgt Ion:117 Resp: 629369
Ion Ratio Lower Upper
117 100
82 54.8 46.4 69.6
119 31.6 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: VN068905.D
Acq: 13 Oct 2021 18:29

Tgt Ion:152 Resp: 245107
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.3
150 156.1 0.0 351.0

