

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068359.D
 Acq On : 30 Aug 2021 15:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 31 02:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	436111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	676586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	689140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	287555	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221401	49.737	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.480%
35) Dibromofluoromethane	8.024	113	212518	49.541	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.080%
50) Toluene-d8	10.446	98	828002	51.562	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.733	95	281145	53.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.700%

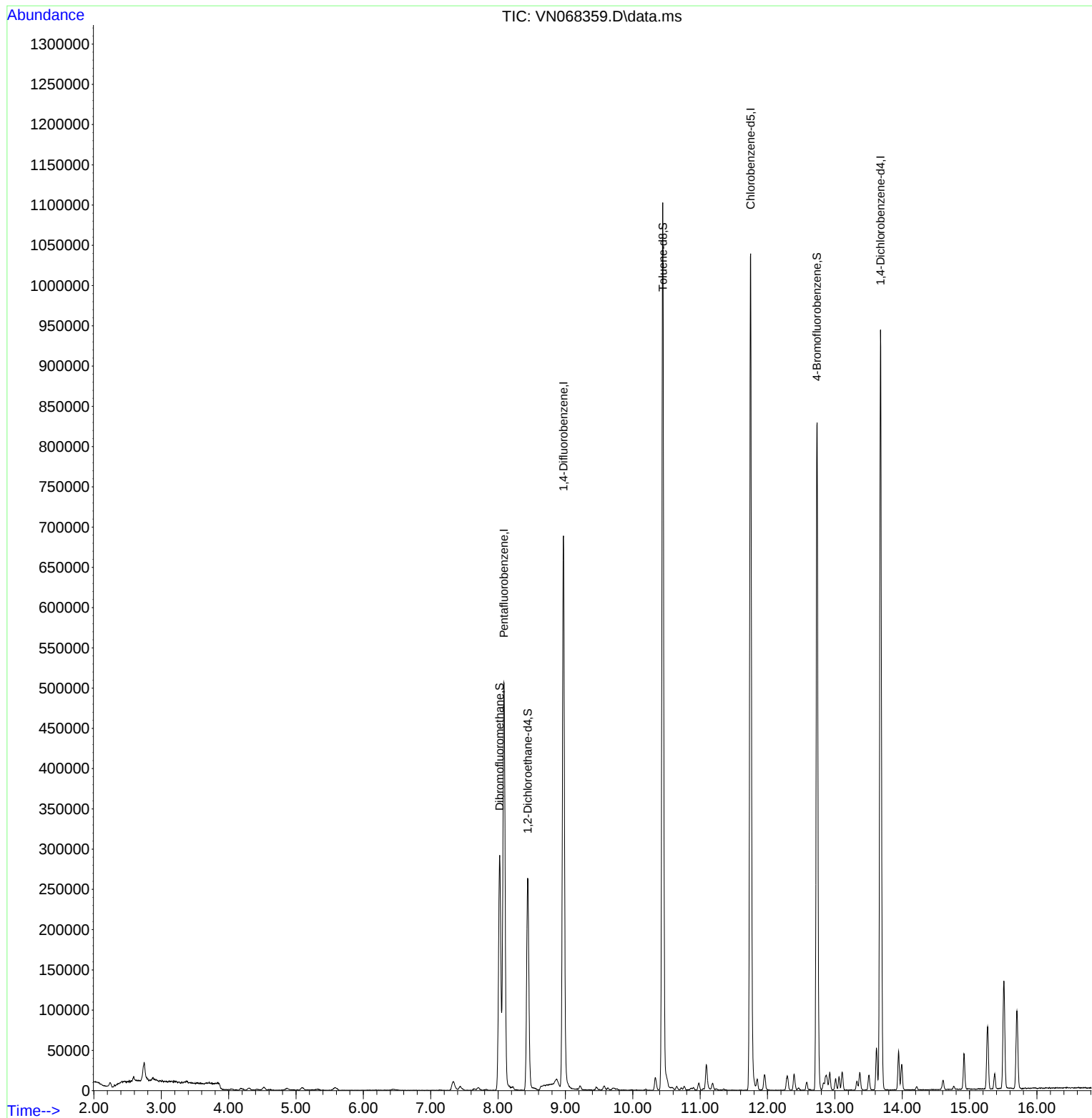
Target Compounds	Qvalue

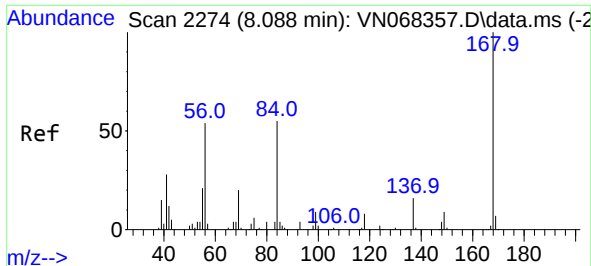
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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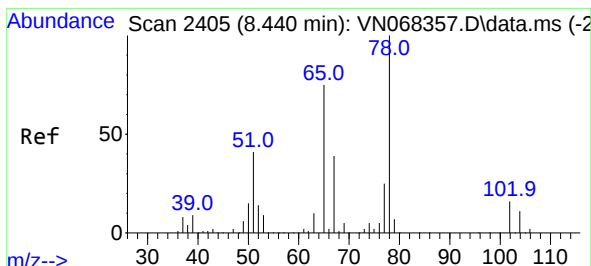
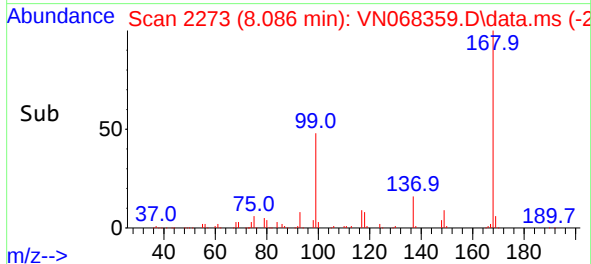
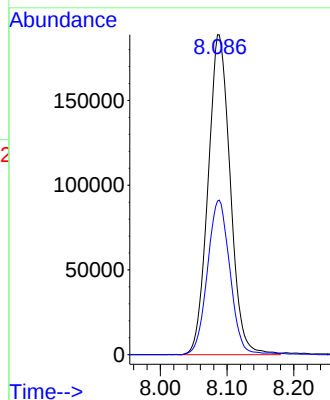
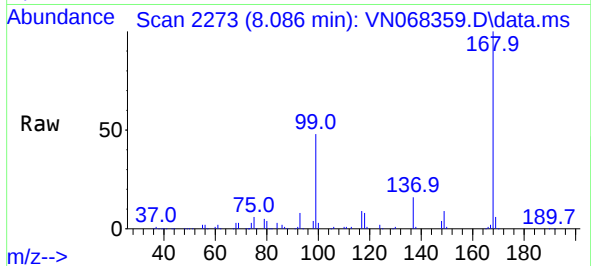




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

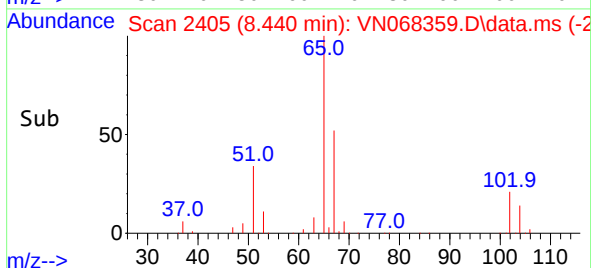
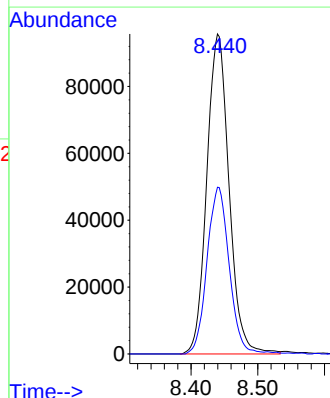
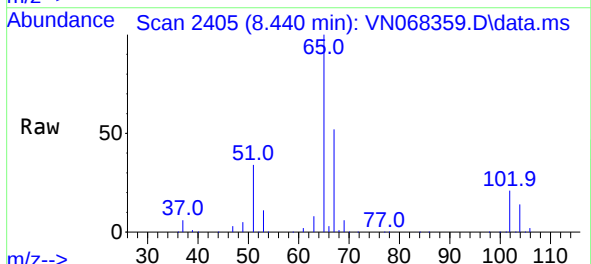
Instrument :
MSVOA_N
ClientSampled :
IBLK

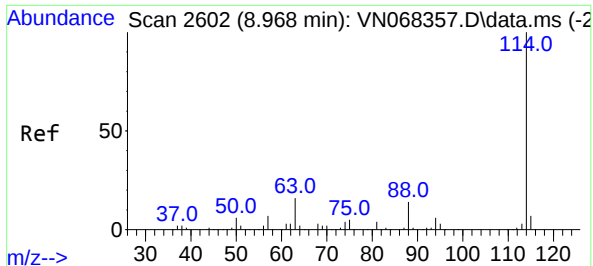
Tgt Ion:168 Resp: 436111
Ion Ratio Lower Upper
168 100
99 48.0 38.6 57.8



#33
1,2-Dichloroethane-d4
Concen: 49.737 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 65 Resp: 221401
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8

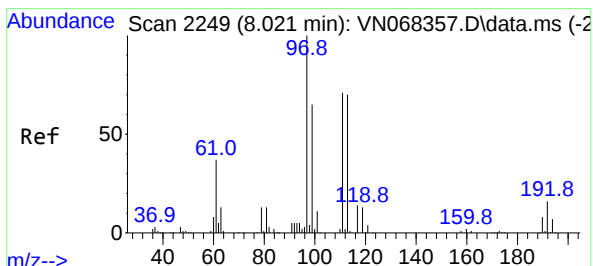
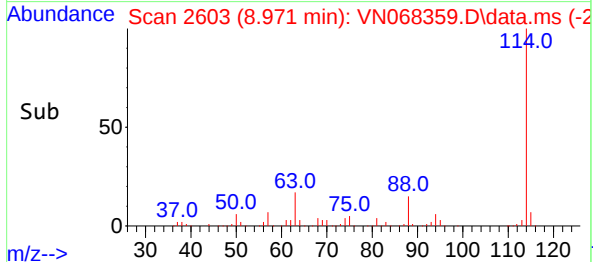
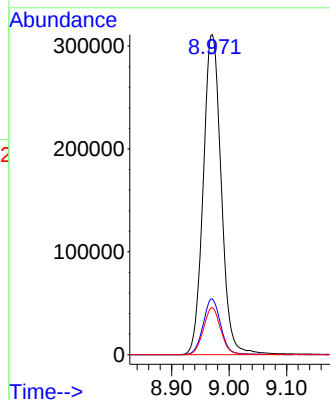
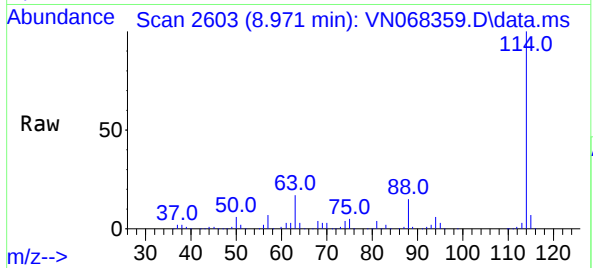




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

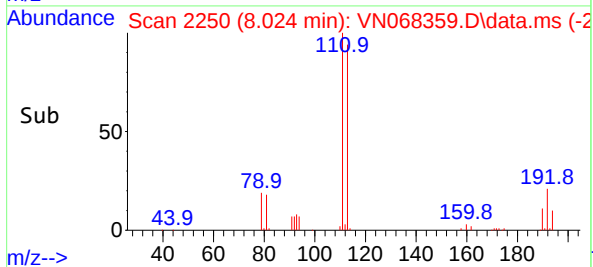
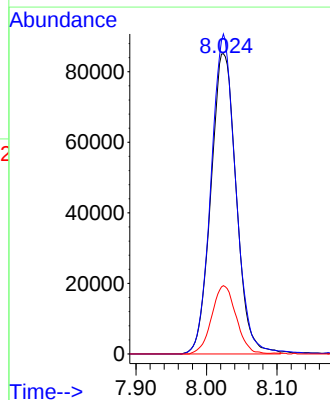
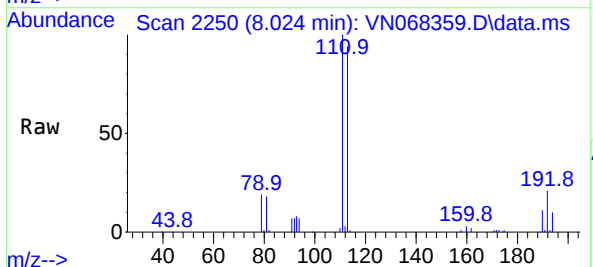
Instrument :
MSVOA_N
ClientSampleId :
IBLK

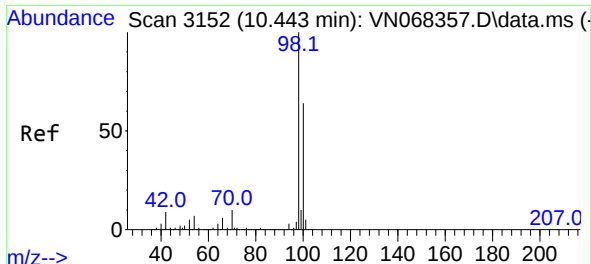
Tgt Ion:114 Resp: 676586
Ion Ratio Lower Upper
114 100
63 17.4 0.0 32.2
88 14.7 0.0 27.6



#35
Dibromofluoromethane
Concen: 49.541 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:113 Resp: 212518
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 22.0 18.1 27.1

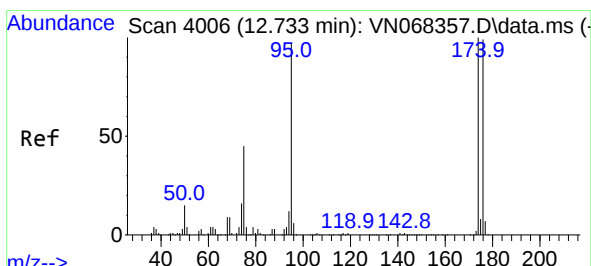
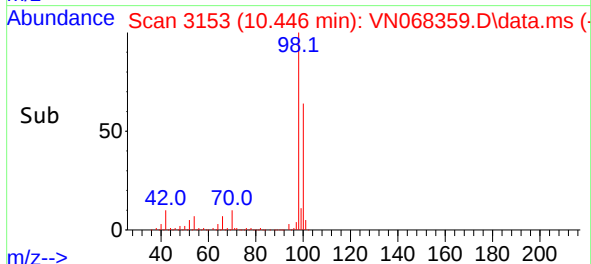
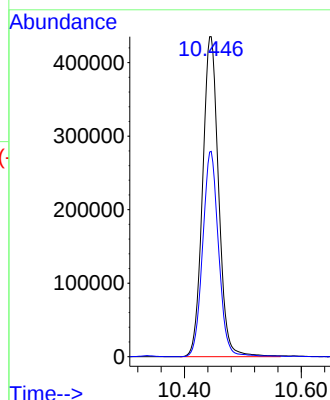
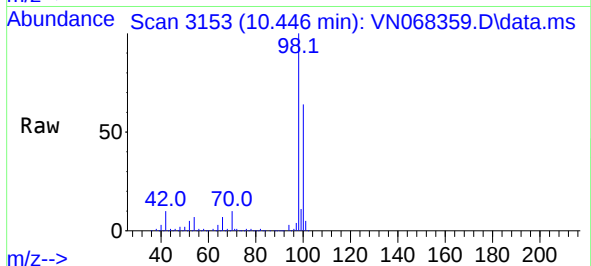




#50
Toluene-d8
Concen: 51.562 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

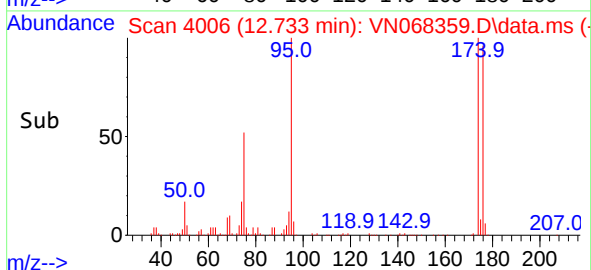
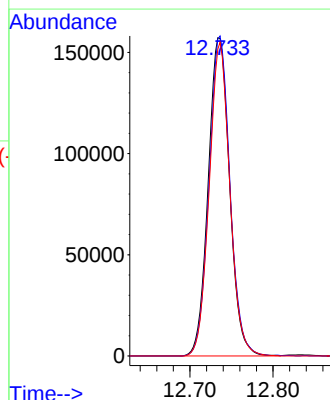
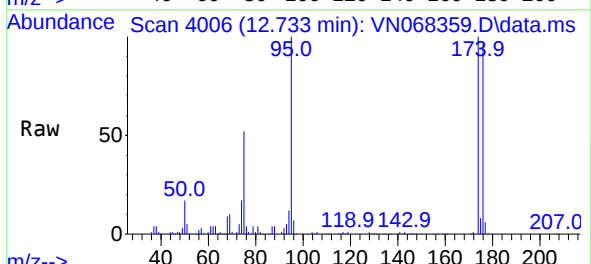
Instrument :
MSVOA_N
ClientSampleId :
IBLK

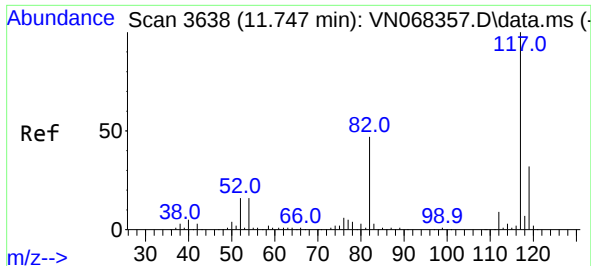
Tgt Ion: 98 Resp: 828002
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.349 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion: 95 Resp: 281145
Ion Ratio Lower Upper
95 100
174 98.4 0.0 211.4
176 94.9 0.0 205.4

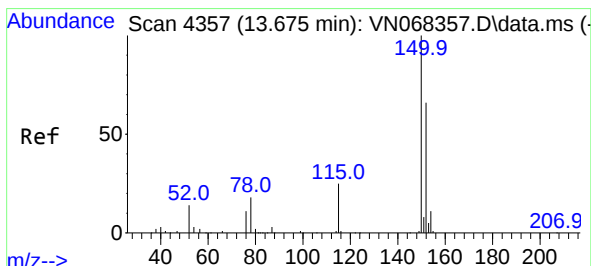
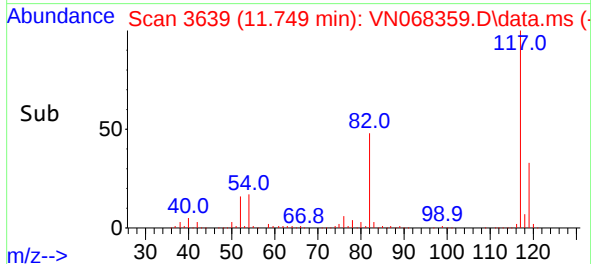
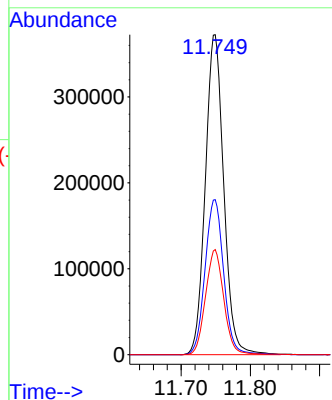
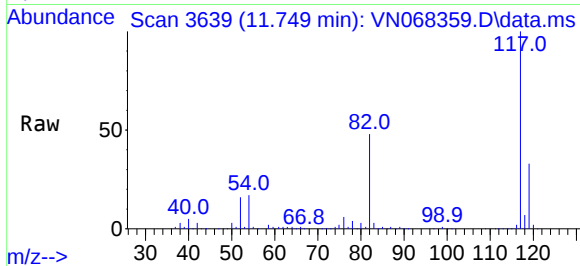




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 689140
Ion Ratio Lower Upper
117 100
82 48.4 37.8 56.6
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068359.D
Acq: 30 Aug 2021 15:00

Tgt Ion:152 Resp: 287555
Ion Ratio Lower Upper
152 100
115 52.2 26.1 78.3
150 155.6 0.0 348.4

