

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072621\
 Data File : VN067906.D
 Acq On : 26 Jul 2021 14:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 27 01:30:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	422912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	806354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	766088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	261281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	307315	48.082	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.160%
35) Dibromofluoromethane	8.024	113	230411	47.295	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.580%
50) Toluene-d8	10.443	98	955253	46.844	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.680%
62) 4-Bromofluorobenzene	12.734	95	307058	42.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.260%

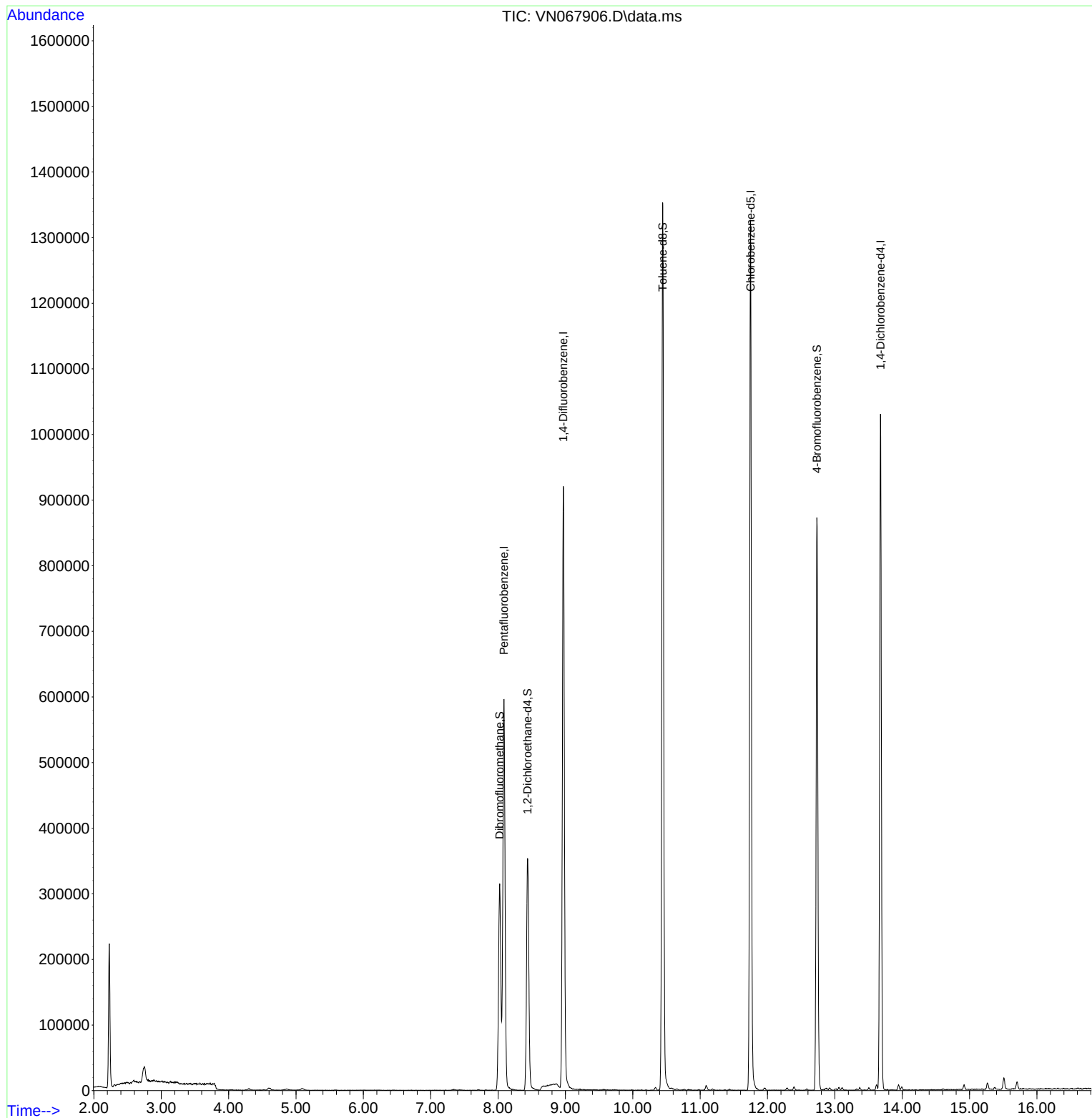
Target Compounds	Qvalue

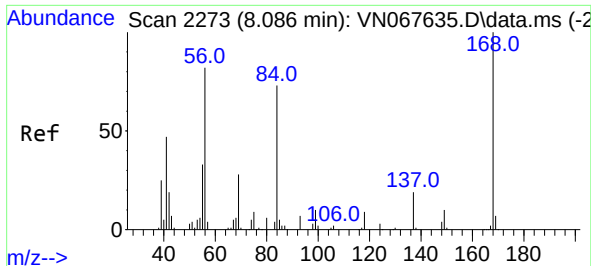
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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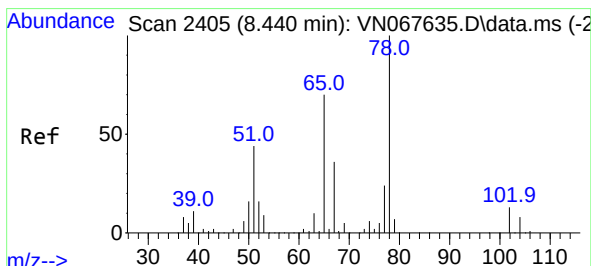
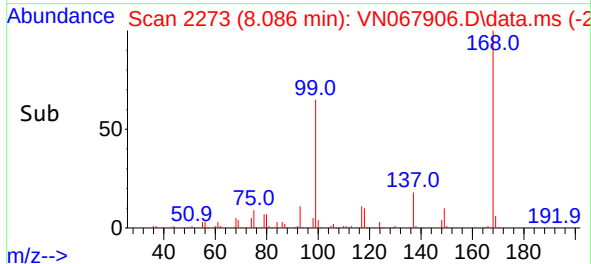
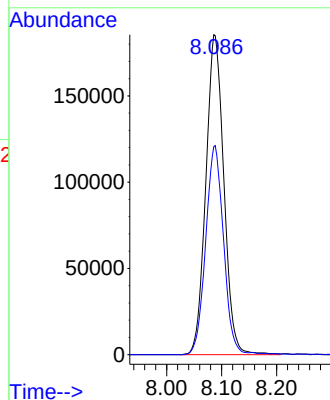
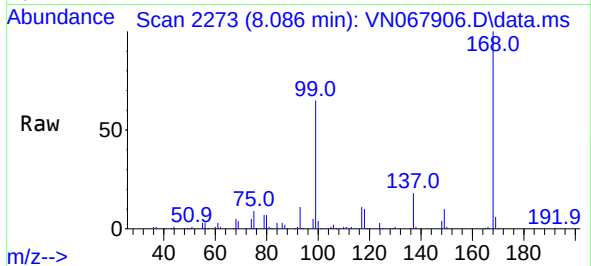




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

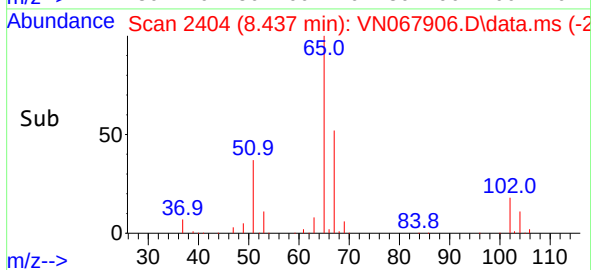
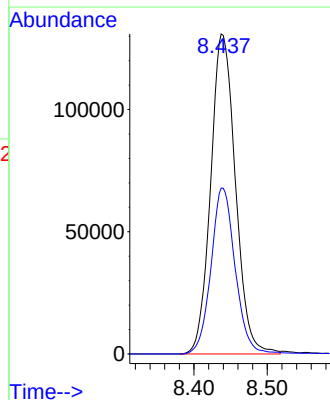
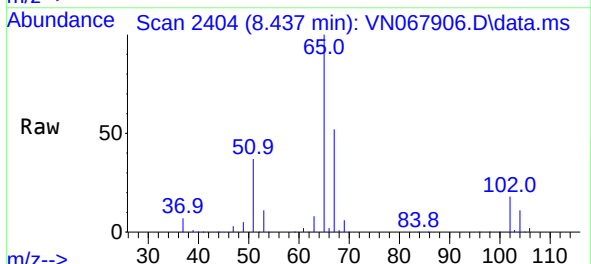
Instrument :
MSVOA_N
ClientSampled :
IBLK

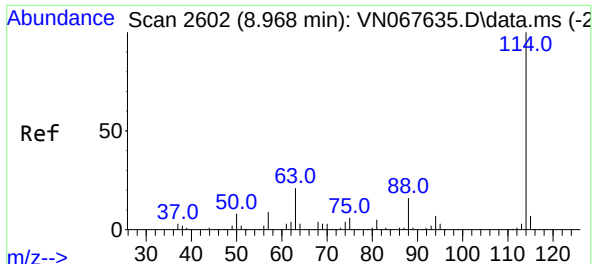
Tgt Ion:168 Resp: 422912
Ion Ratio Lower Upper
168 100
99 65.1 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 48.082 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

Tgt Ion: 65 Resp: 307315
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

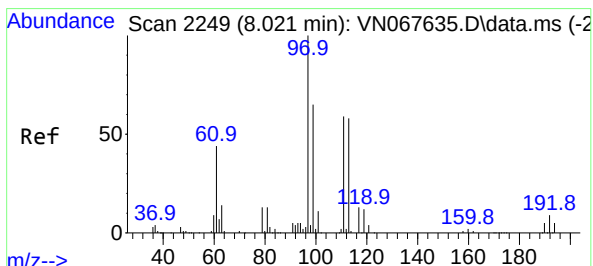
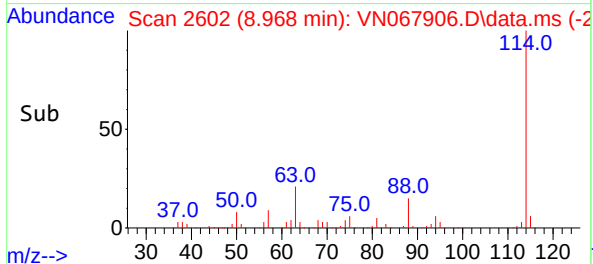
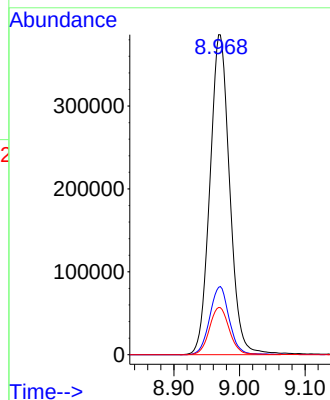
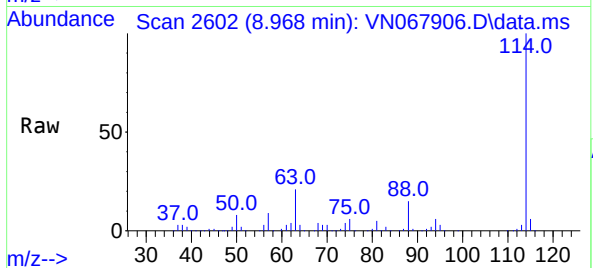




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

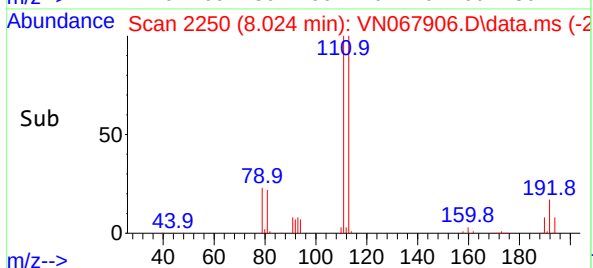
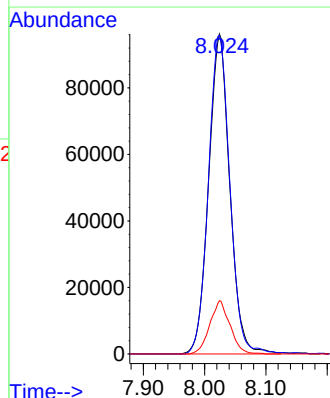
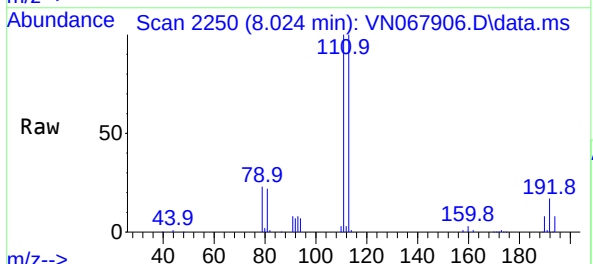
Instrument :
MSVOA_N
ClientSampled :
IBLK

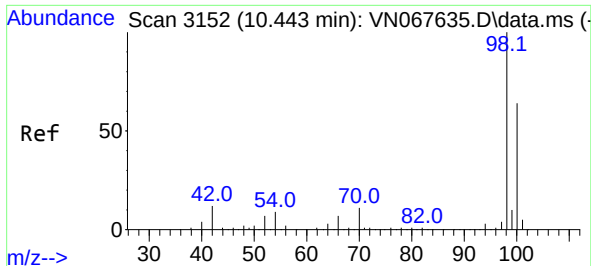
Tgt Ion:114 Resp: 806354
Ion Ratio Lower Upper
114 100
63 21.1 0.0 49.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.295 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

Tgt Ion:113 Resp: 230411
Ion Ratio Lower Upper
113 100
111 99.9 83.8 125.8
192 15.9 13.4 20.0

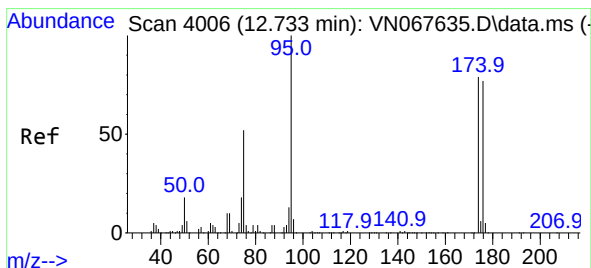
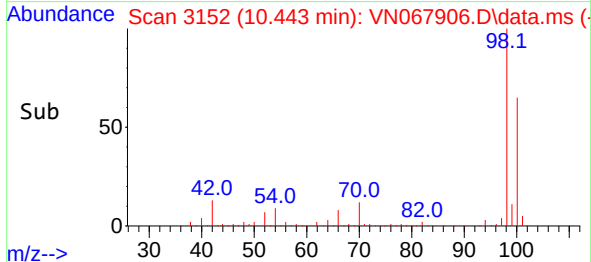
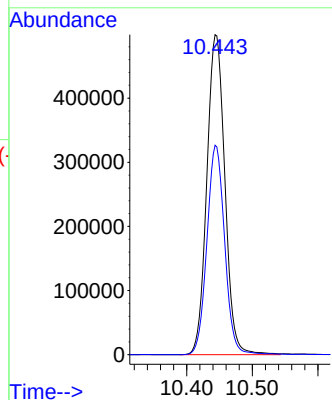
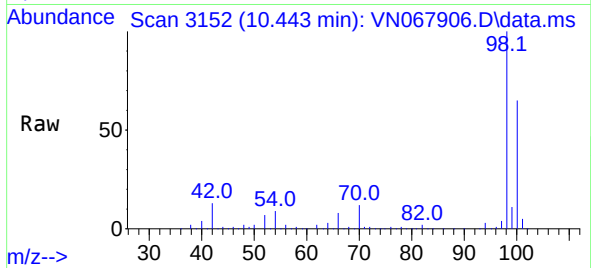




#50
Toluene-d8
Concen: 46.844 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

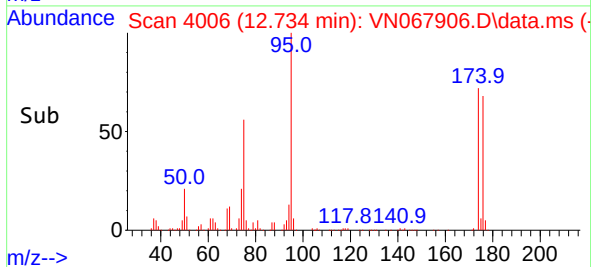
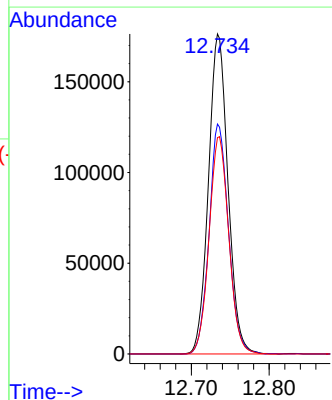
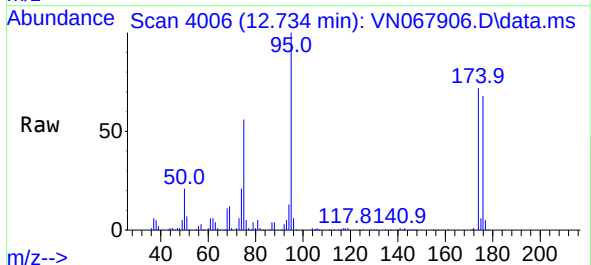
Instrument :
MSVOA_N
ClientSampled :
IBLK

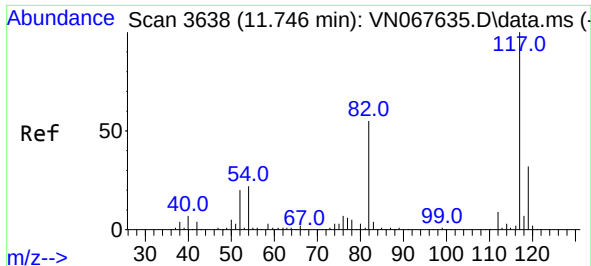
Tgt Ion: 98 Resp: 955253
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.625 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

Tgt Ion: 95 Resp: 307058
Ion Ratio Lower Upper
95 100
174 71.4 0.0 122.0
176 68.5 0.0 117.6

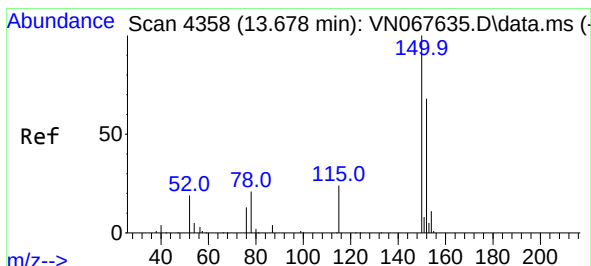
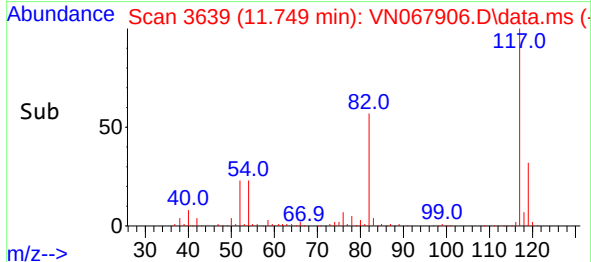
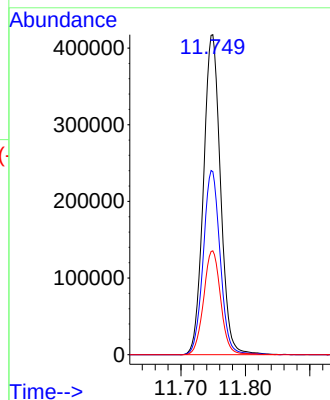
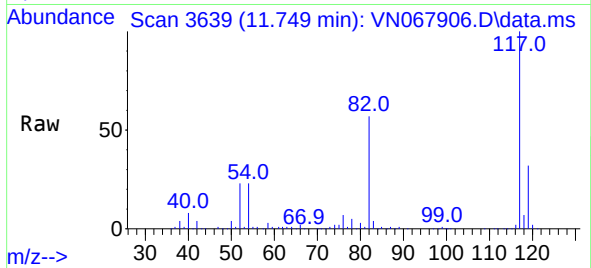




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 766088
Ion Ratio Lower Upper
117 100
82 57.2 53.1 79.7
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067906.D
Acq: 26 Jul 2021 14:49

Tgt Ion:152 Resp: 261281
Ion Ratio Lower Upper
152 100
115 65.9 36.1 108.5
150 162.1 0.0 351.8

