

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068076.D
 Acq On : 11 Aug 2021 17:27
 Operator : JC/MD
 Sample : M3360-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41265

Quant Time: Aug 12 07:13:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	300702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	597217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	583717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239870	56.348	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.700%
35) Dibromofluoromethane	8.021	113	184476	53.003	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.000%
50) Toluene-d8	10.443	98	759353	47.485	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.736	95	249449	43.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.360%

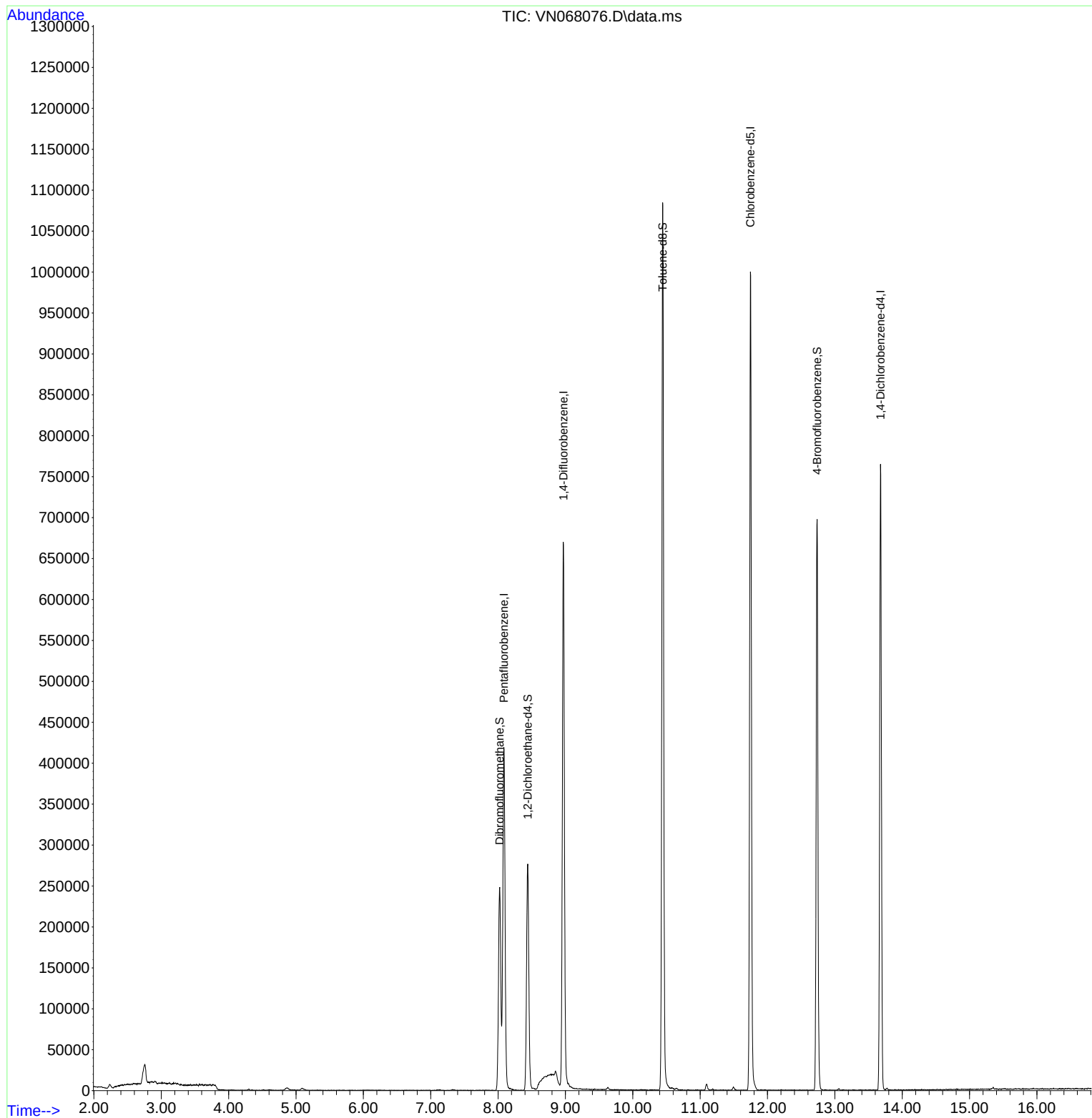
Target Compounds	Qvalue

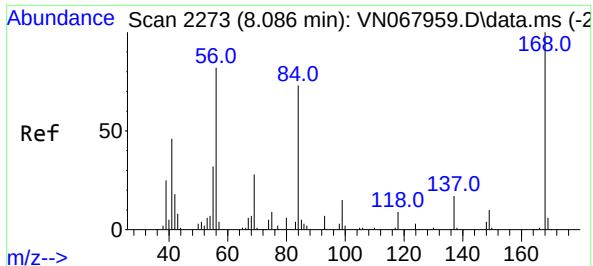
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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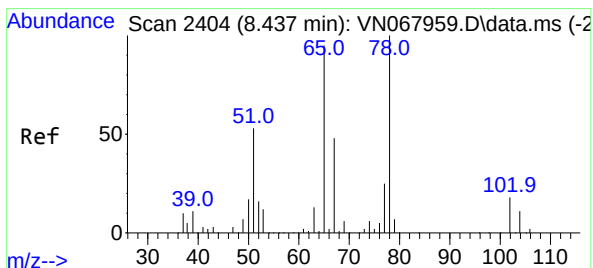
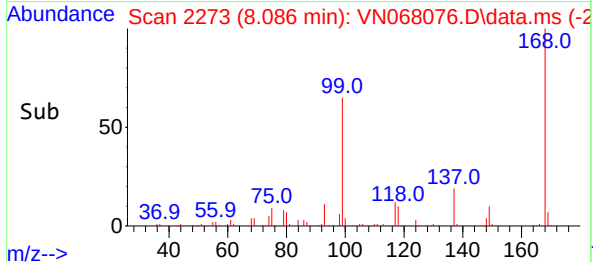
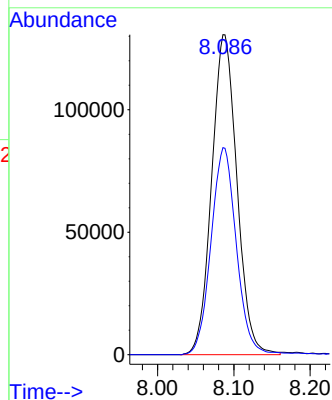
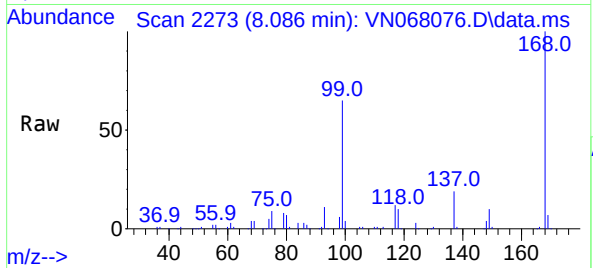




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

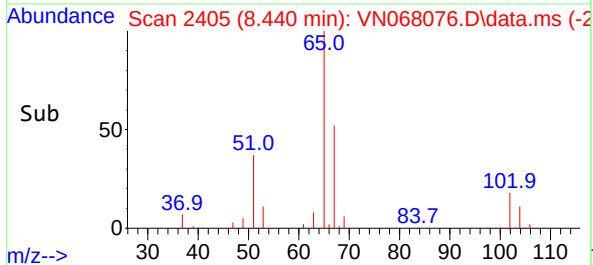
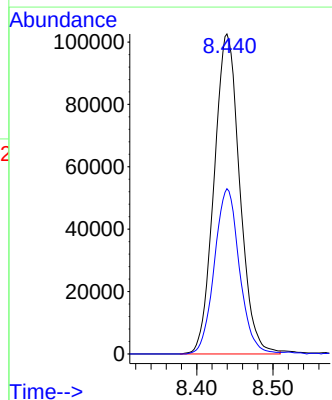
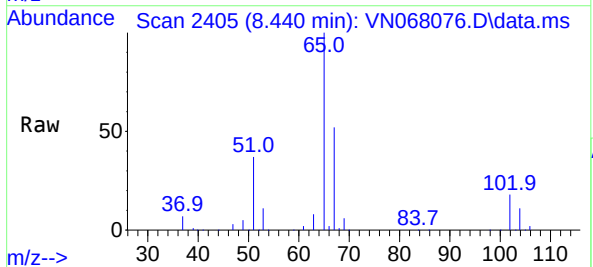
Instrument :
MSVOA_N
ClientSampled :
41265

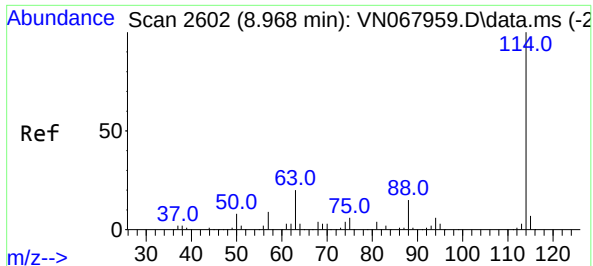
Tgt Ion:168 Resp: 300702
Ion Ratio Lower Upper
168 100
99 64.7 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 56.348 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 65 Resp: 239870
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.6

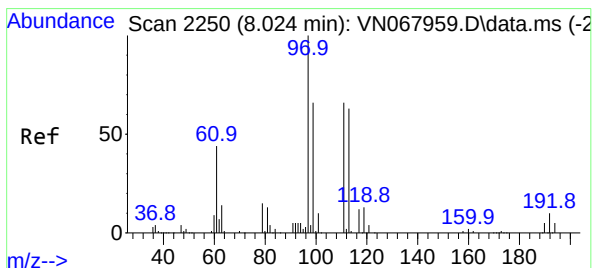
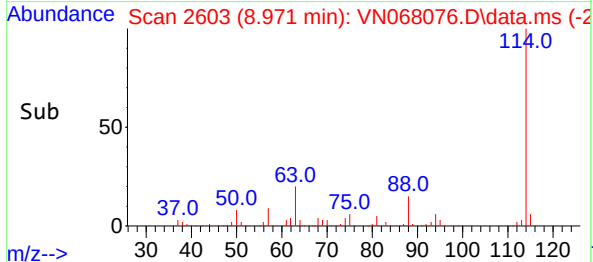
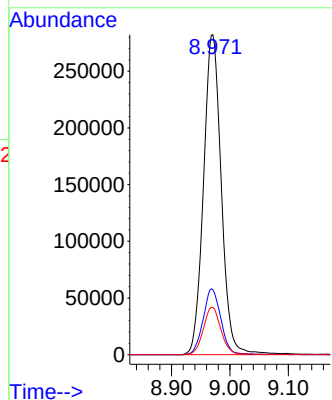
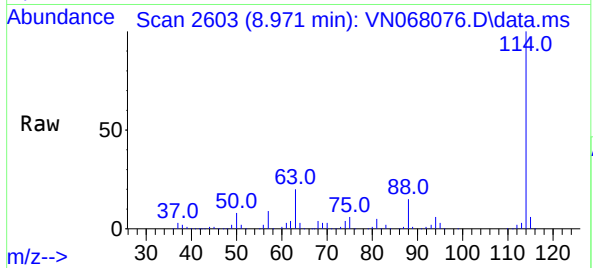




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

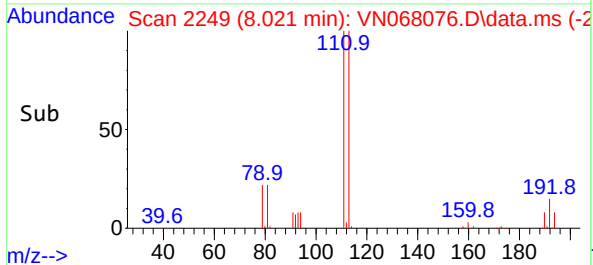
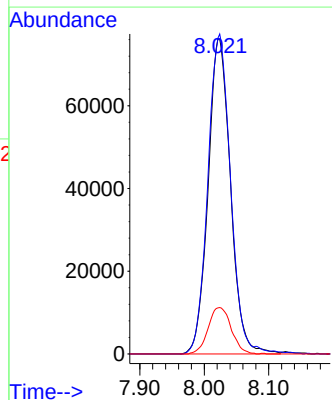
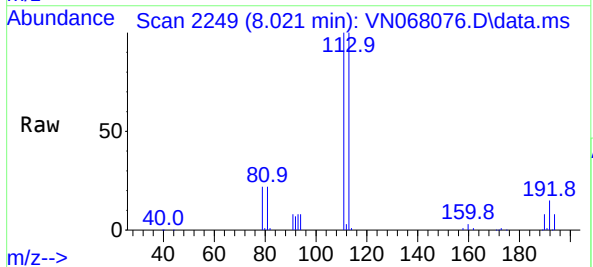
Instrument :
MSVOA_N
ClientSampled :
41265

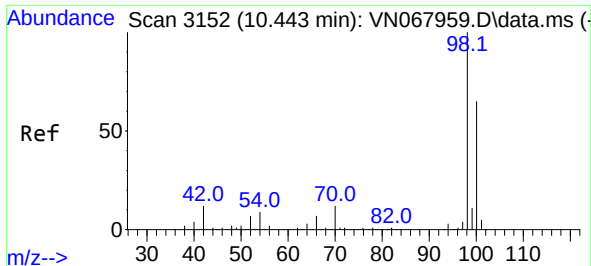
Tgt Ion:114 Resp: 597217
Ion Ratio Lower Upper
114 100
63 20.3 0.0 49.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.003 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion:113 Resp: 184476
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.8
192 15.2 13.4 20.0

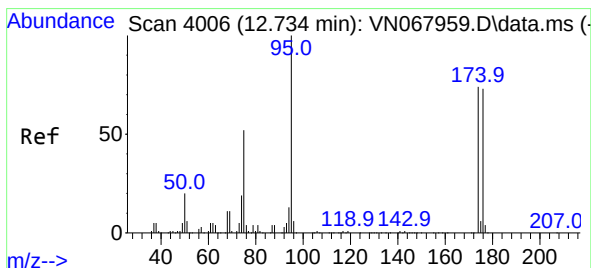
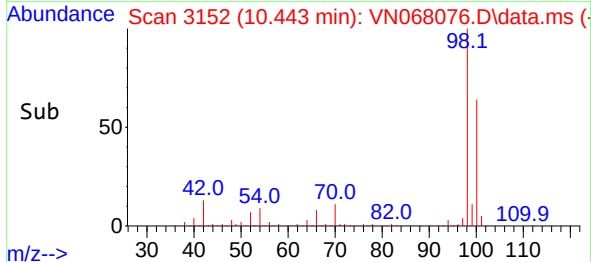
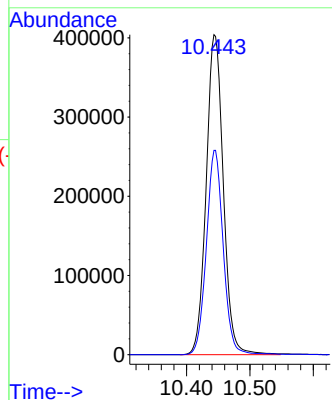
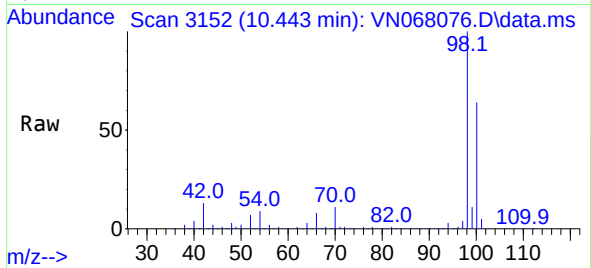




#50
Toluene-d8
Concen: 47.485 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

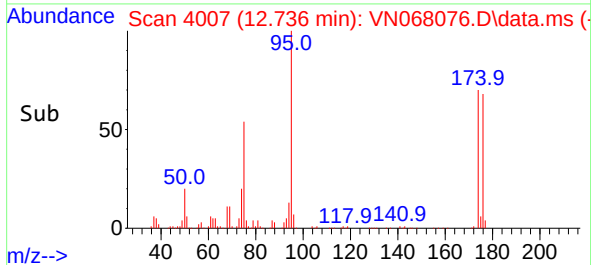
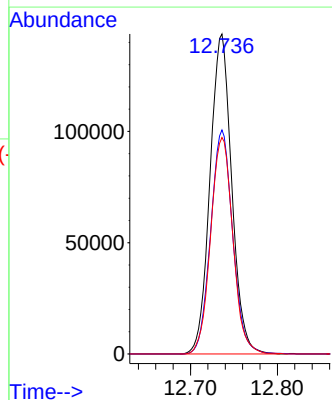
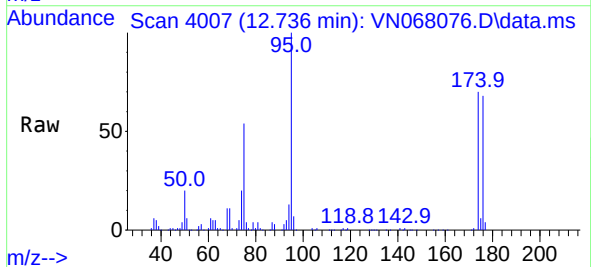
Instrument :
MSVOA_N
ClientSampleId :
41265

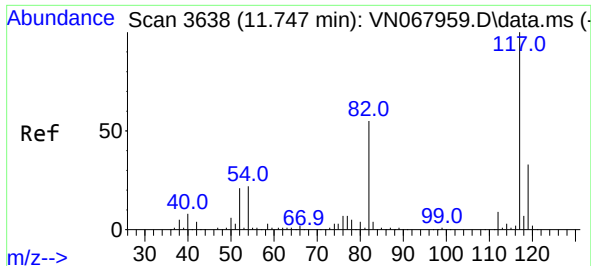
Tgt Ion: 98 Resp: 759353
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.181 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion: 95 Resp: 249449
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 69.2 0.0 117.6

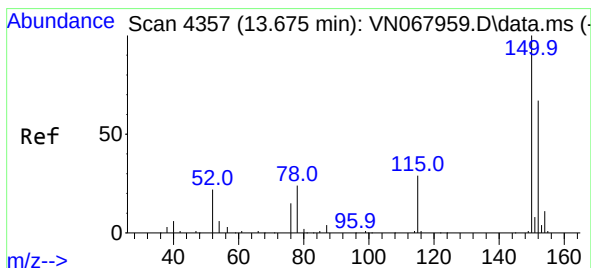
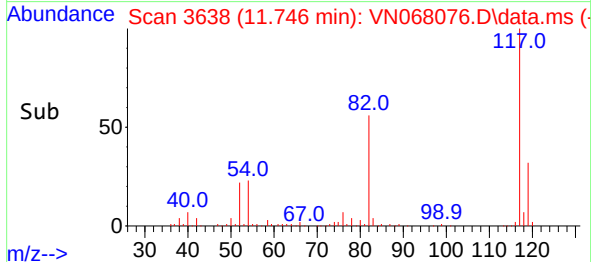
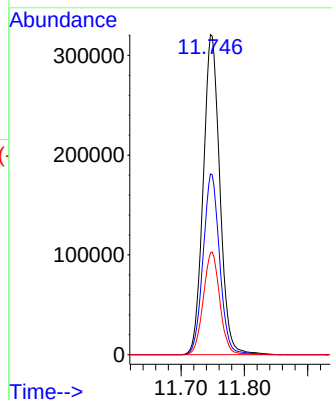
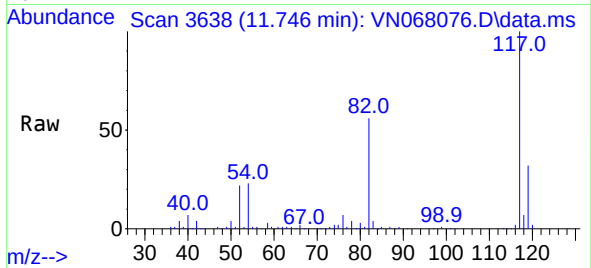




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Instrument :
MSVOA_N
ClientSampleId :
41265

Tgt Ion:117 Resp: 583717
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068076.D
Acq: 11 Aug 2021 17:27

Tgt Ion:152 Resp: 203817
Ion Ratio Lower Upper
152 100
115 62.1 36.1 108.5
150 157.7 0.0 351.8

