

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069173.D
 Acq On : 26 Oct 2021 00:26
 Operator : JC/MD
 Sample : M4334-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Oct 26 01:38:28 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	8.091	168	416003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	734076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	735604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	288136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	266453	48.580	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.160%
35) Dibromofluoromethane	8.027	113	212809	49.827	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.660%
50) Toluene-d8	10.446	98	916045	53.605	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.220%
62) 4-Bromofluorobenzene	12.733	95	351835	54.570	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.140%

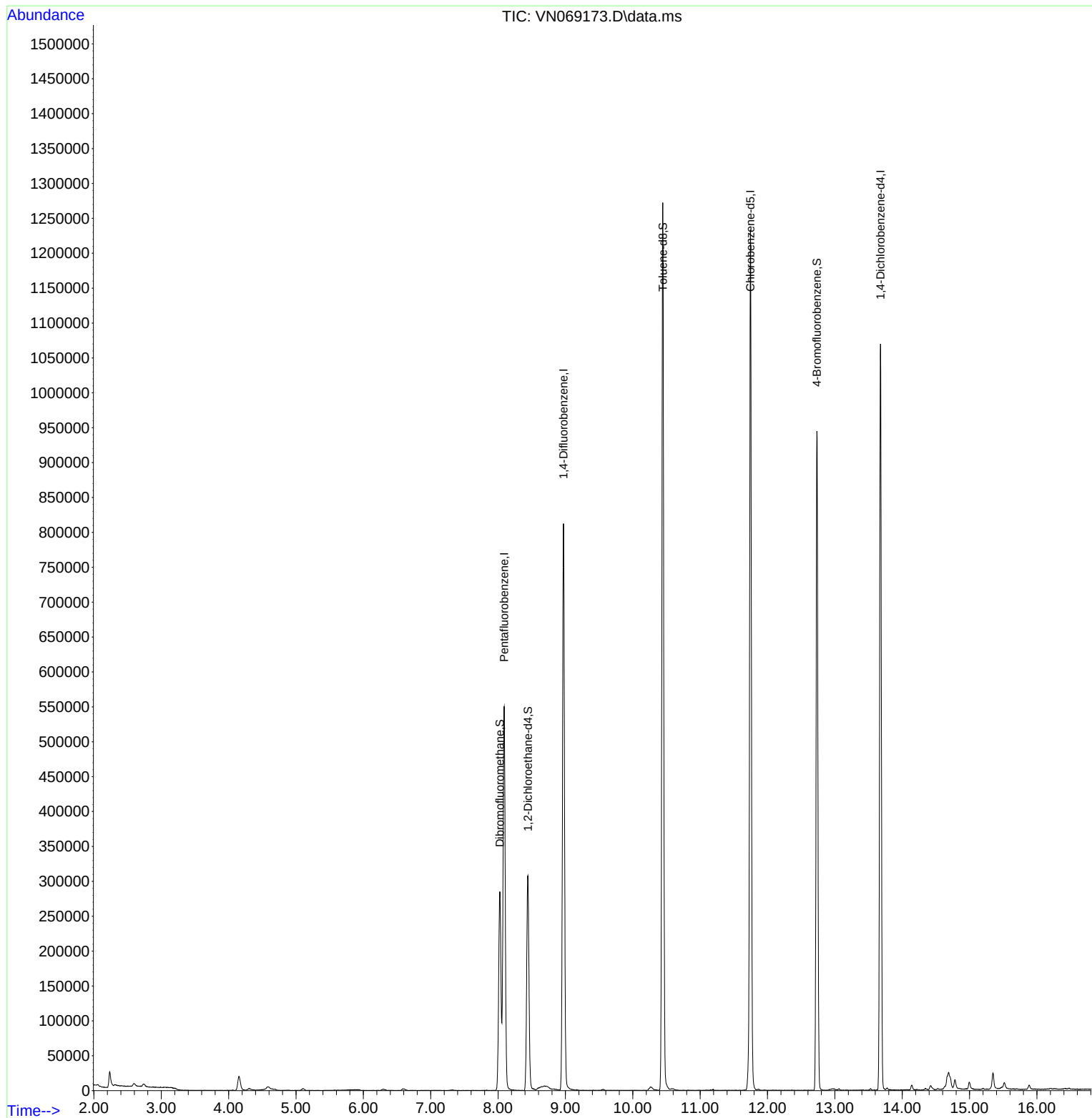
Target Compounds	Qvalue

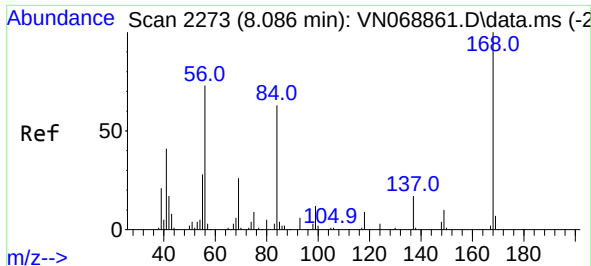
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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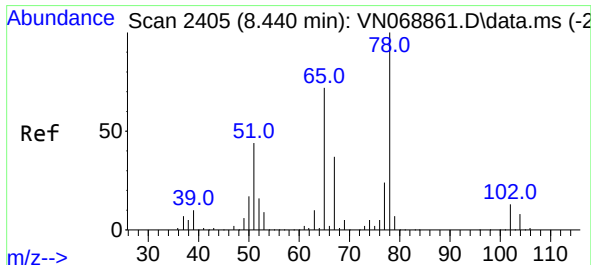
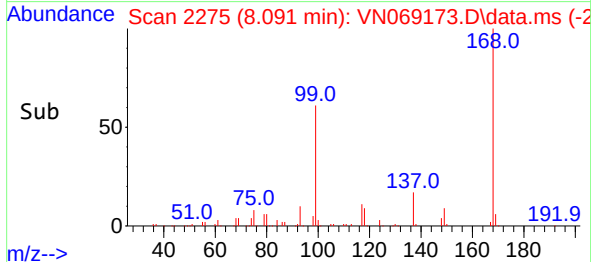
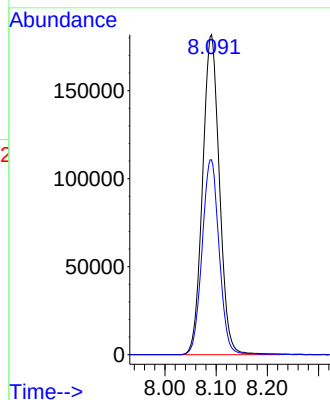
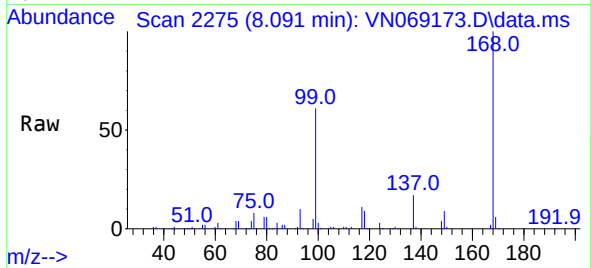




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

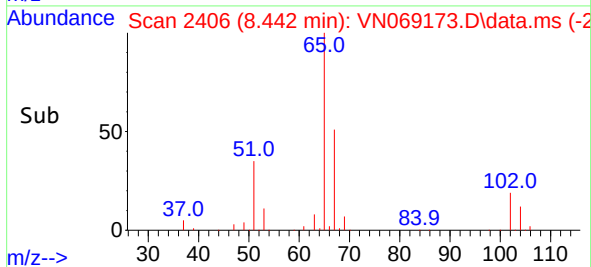
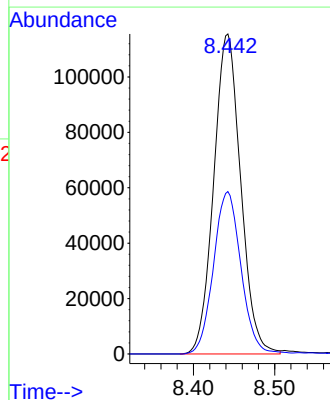
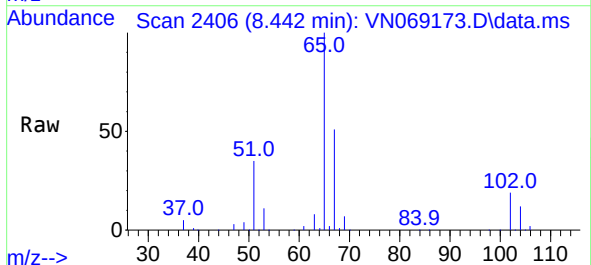
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

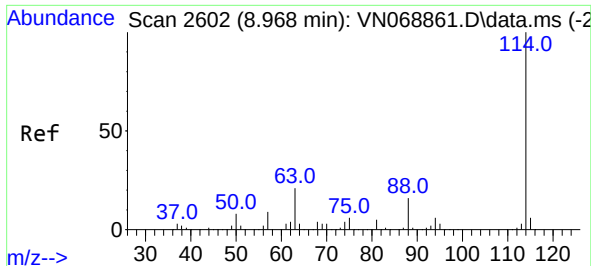
Tgt Ion:168 Resp: 416003
Ion Ratio Lower Upper
168 100
99 60.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 48.580 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion: 65 Resp: 266453
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

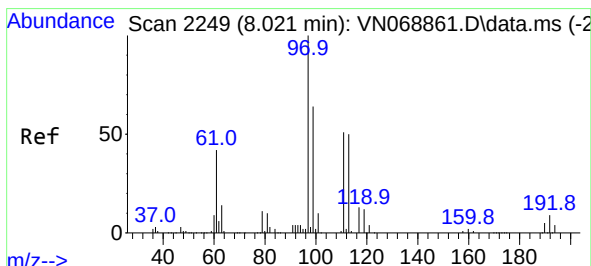
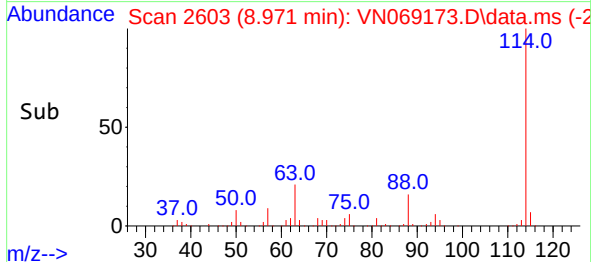
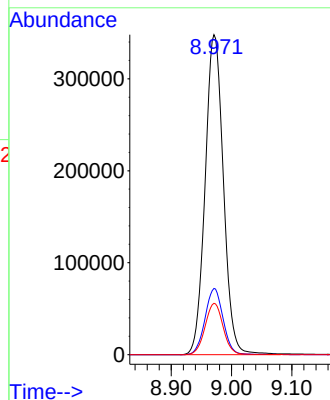
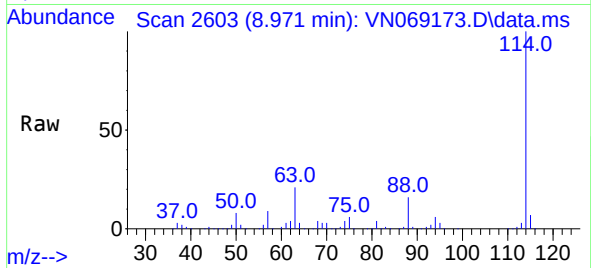




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

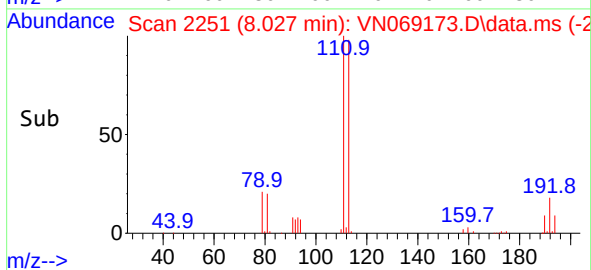
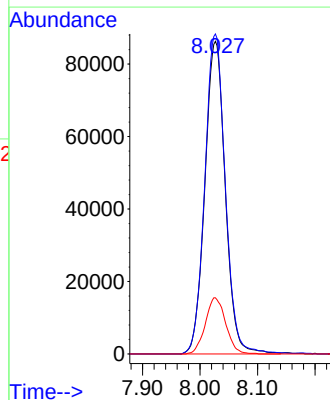
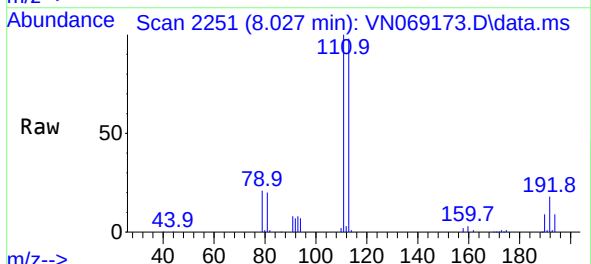
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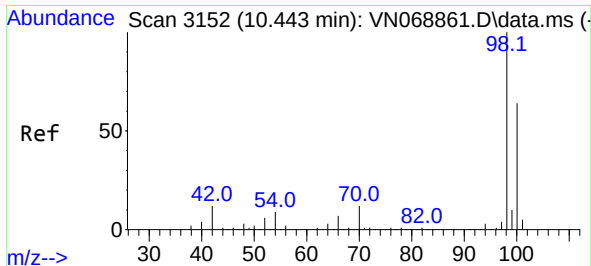
Tgt Ion:114 Resp: 734076
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.827 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion:113 Resp: 212809
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 18.0 15.0 22.4

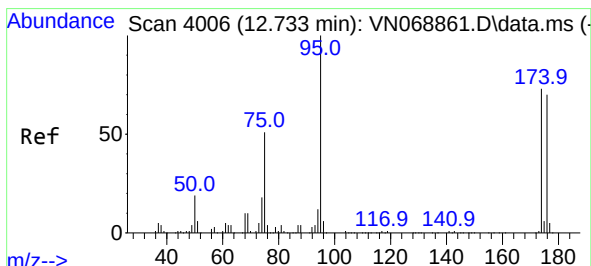
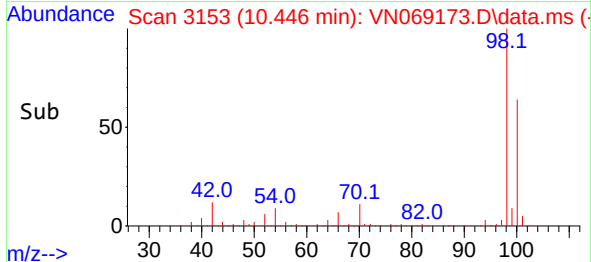
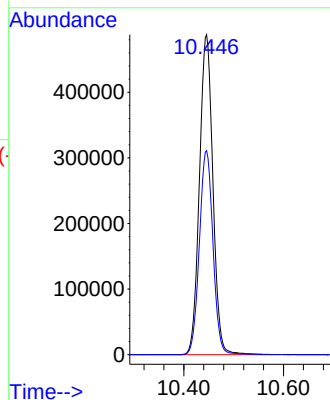
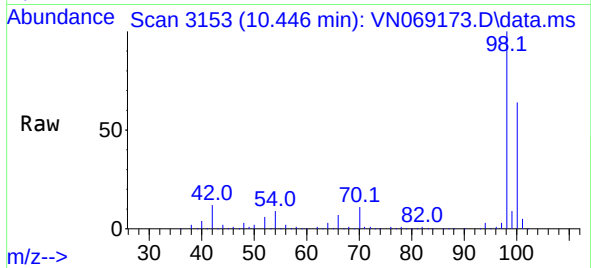




#50
Toluene-d8
Concen: 53.605 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

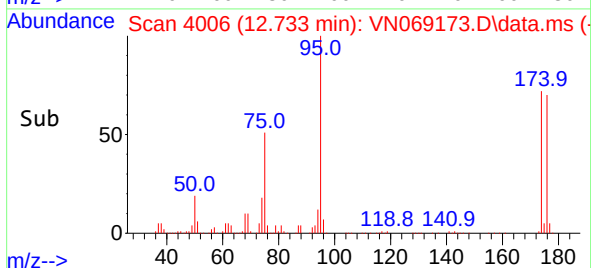
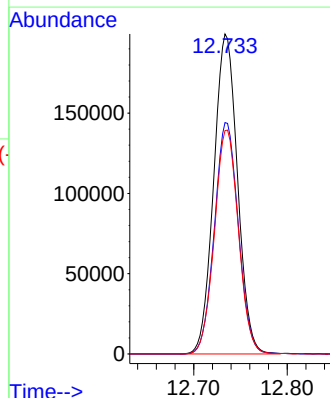
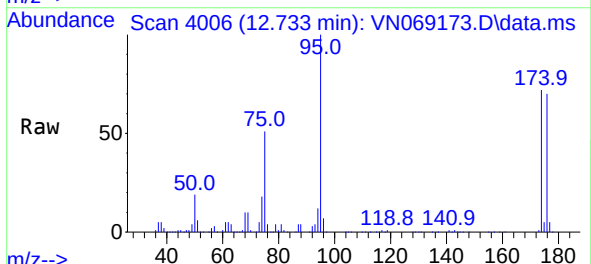
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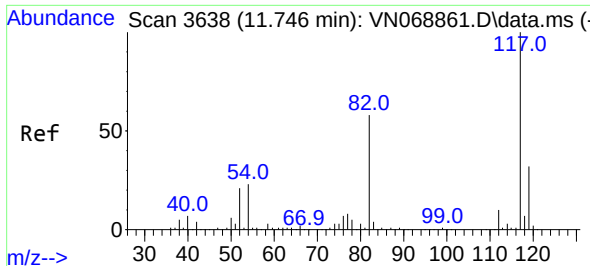
Tgt Ion: 98 Resp: 916045
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.570 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion: 95 Resp: 351835
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.8
176 70.5 0.0 140.0

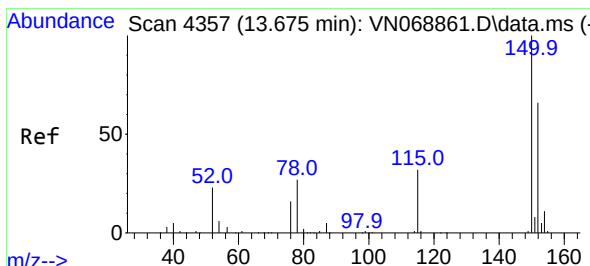
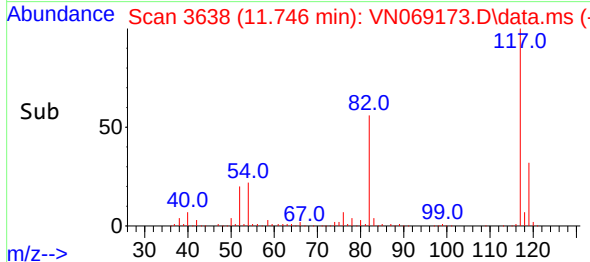
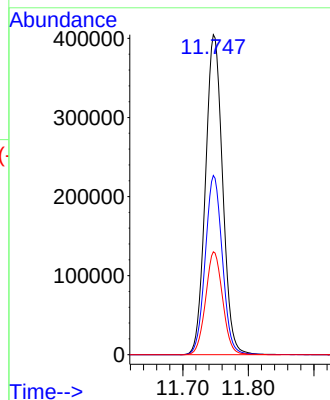
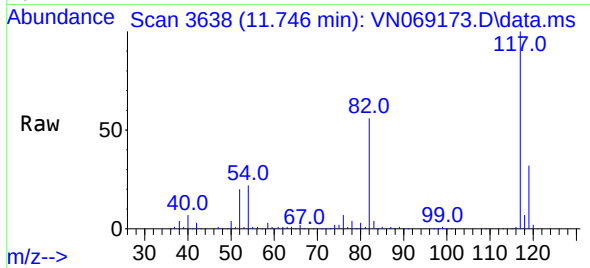




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069173.D
Acq: 26 Oct 2021 00:26

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:117 Resp: 735604
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.2 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: VN069173.D
Acq: 26 Oct 2021 00:26

Tgt Ion:152 Resp: 288136
Ion Ratio Lower Upper
152 100
115 63.8 31.4 94.3
150 159.7 0.0 351.0

