

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068964.D
 Acq On : 15 Oct 2021 21:24
 Operator : JC/MD
 Sample : M4254-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Oct 18 02:18:36 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	333694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	576092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	525072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	190115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	213230	48.465	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.940%
35) Dibromofluoromethane	8.024	113	169619	50.606	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.220%
50) Toluene-d8	10.446	98	711179	53.030	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.733	95	246167	48.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.300%

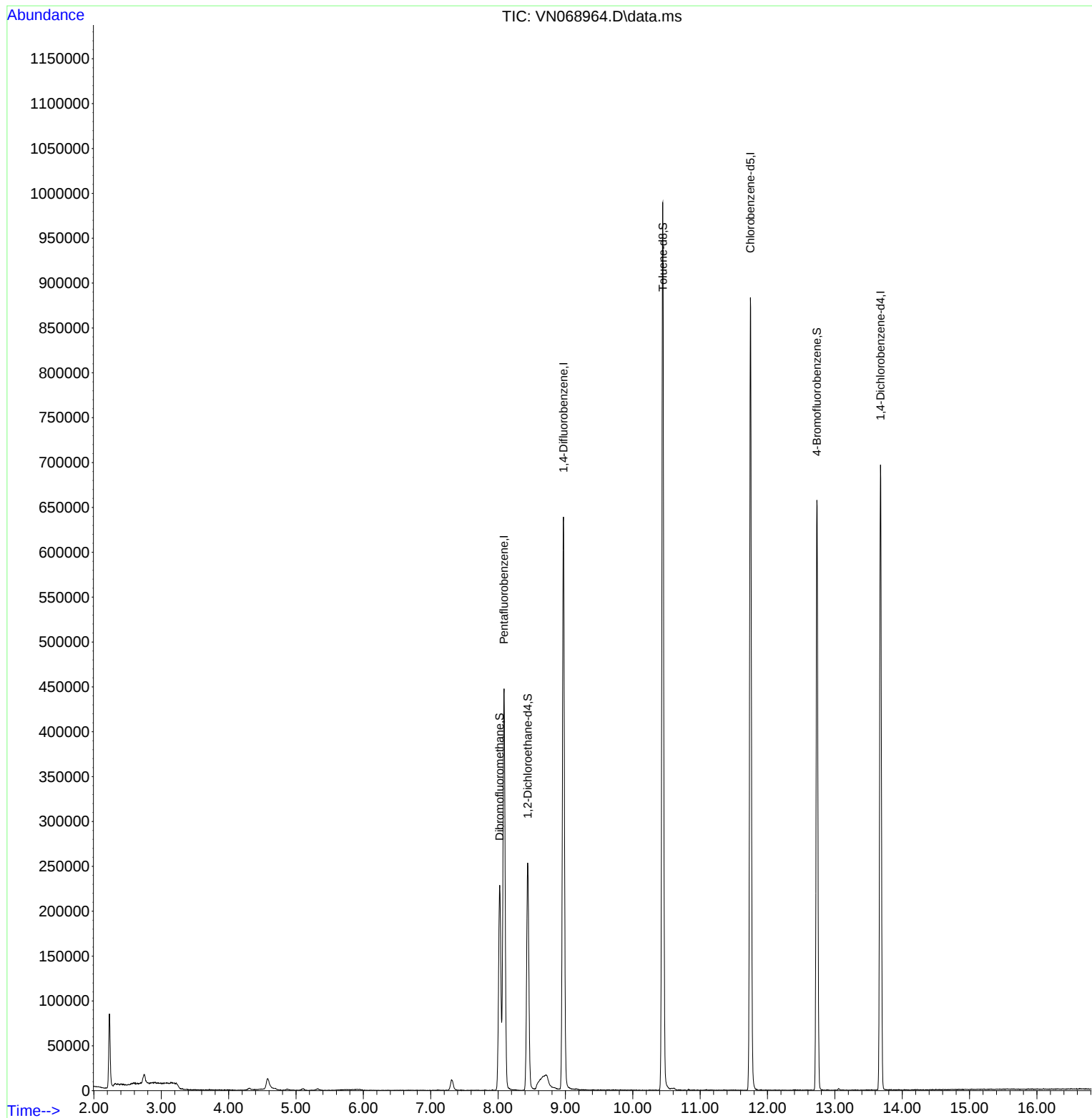
Target Compounds	Qvalue

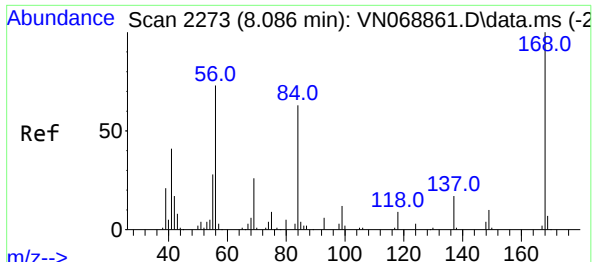
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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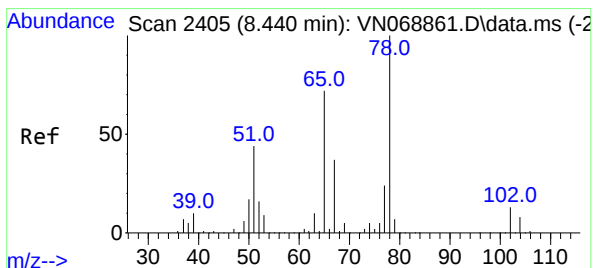
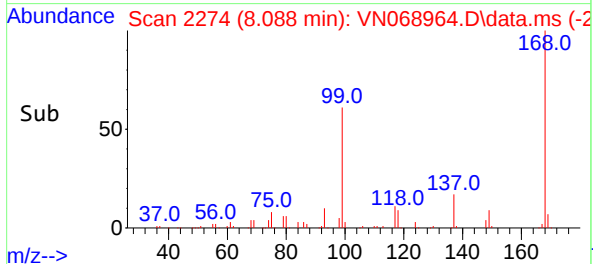
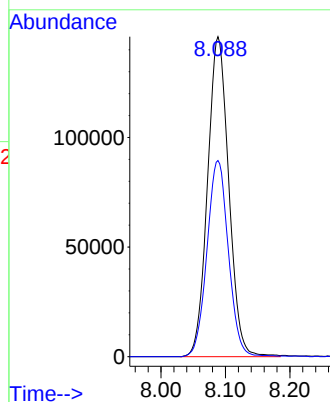
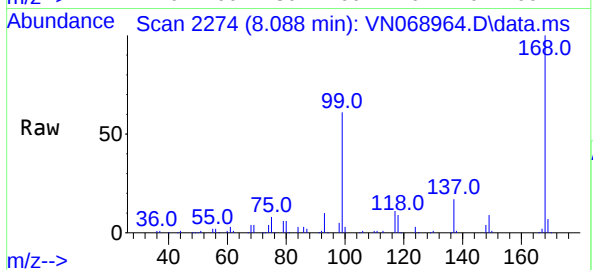




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

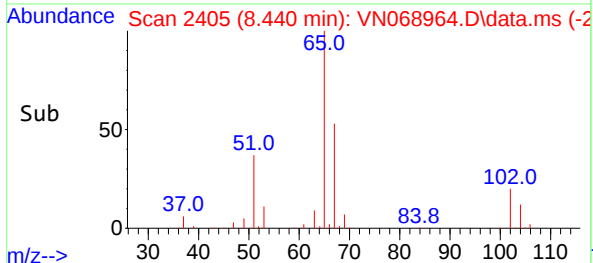
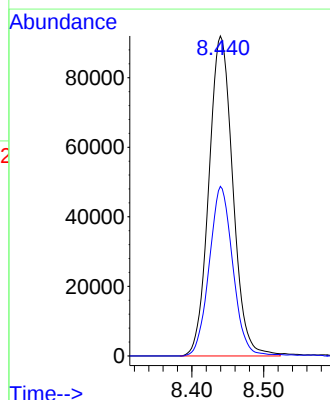
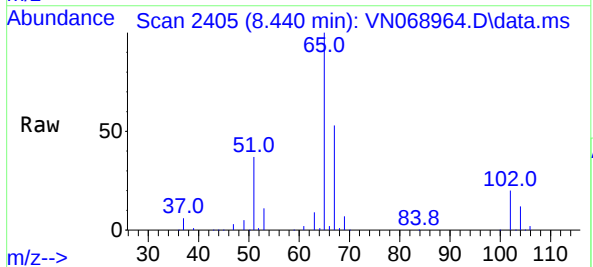
Instrument :
MSVOA_N
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STORAGE-BLANK-SAMPLE-MANA

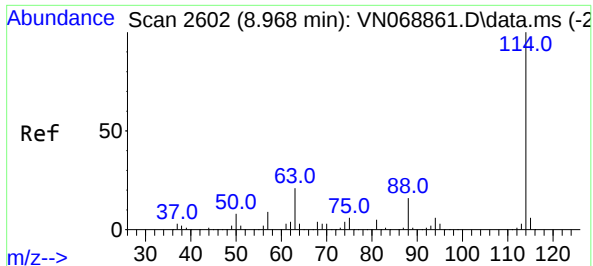
Tgt Ion:168 Resp: 333694
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 48.465 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 65 Resp: 213230
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8

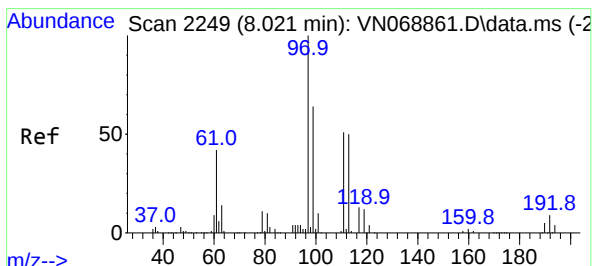
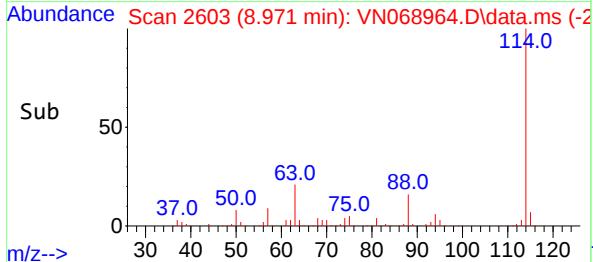
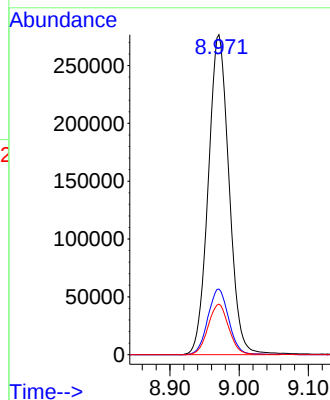
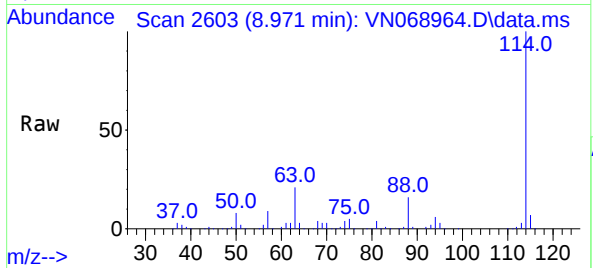




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

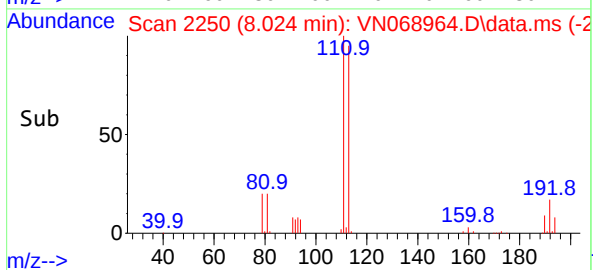
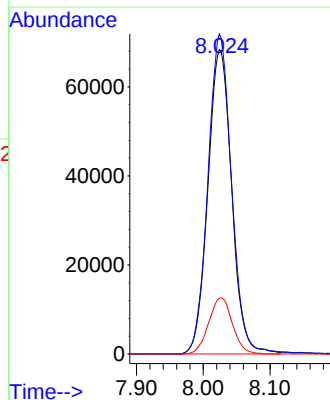
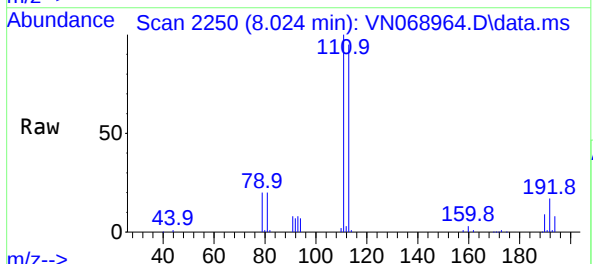
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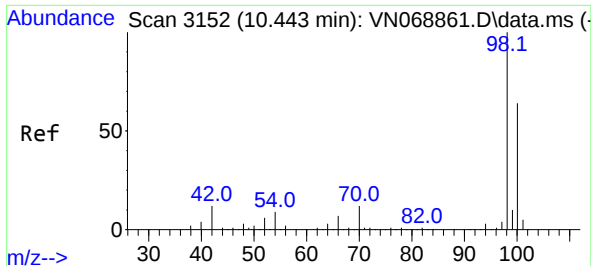
Tgt Ion:114 Resp: 576092
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.606 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion:113 Resp: 169619
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 18.4 15.0 22.4

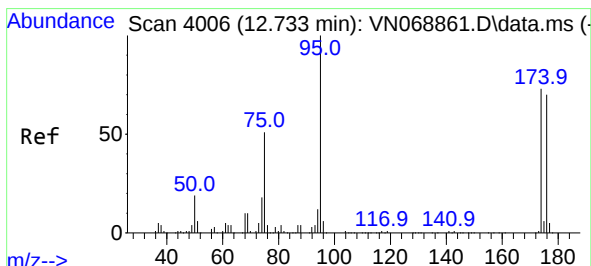
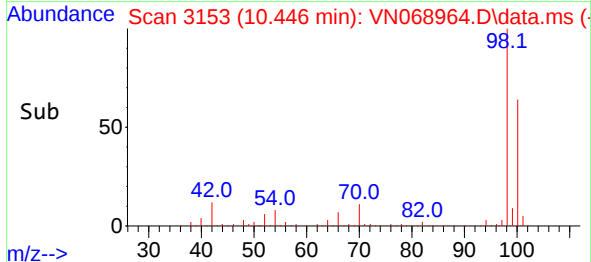
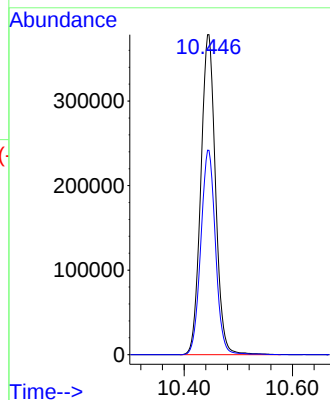
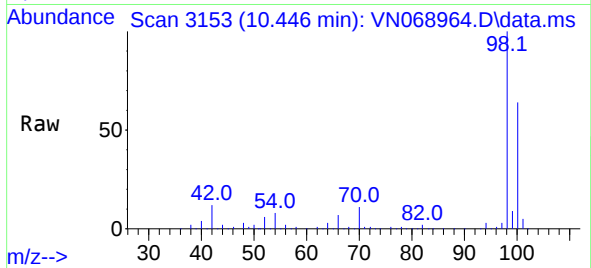




#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

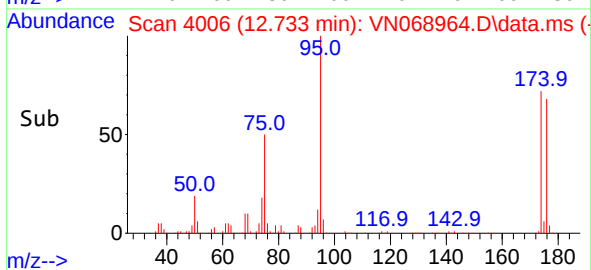
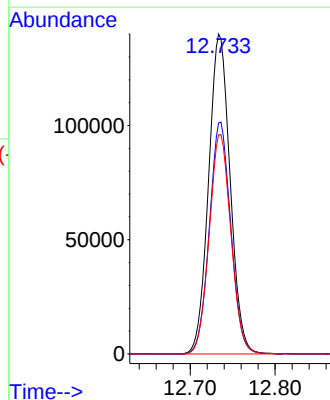
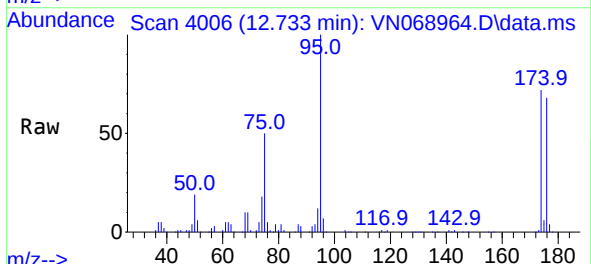
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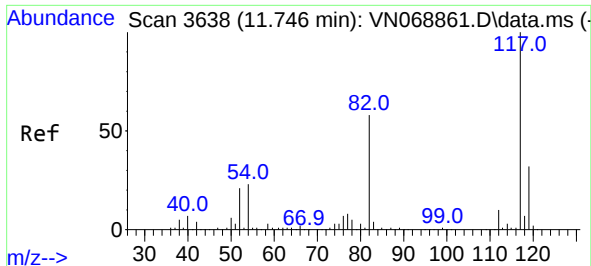
Tgt Ion: 98 Resp: 711179
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.652 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion: 95 Resp: 246167
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.8
176 69.1 0.0 140.0

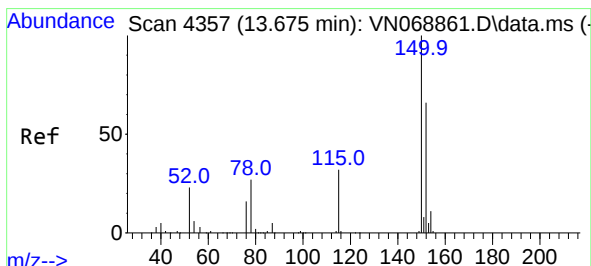
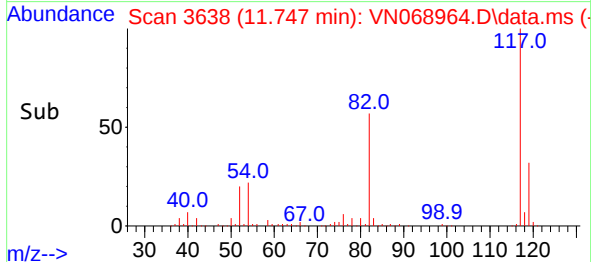
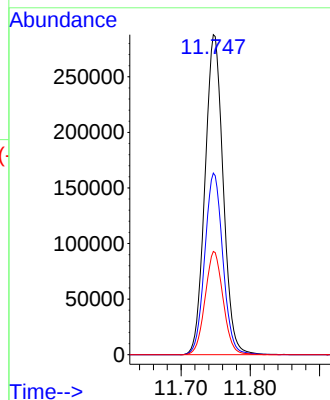
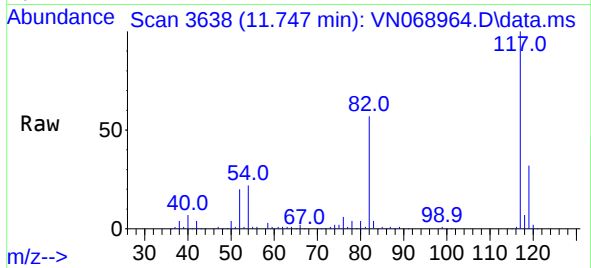




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068964.D
Acq: 15 Oct 2021 21:24

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 525072
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 32.3 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: VN068964.D
Acq: 15 Oct 2021 21:24

Tgt Ion:152 Resp: 190115
Ion Ratio Lower Upper
152 100
115 63.8 31.4 94.3
150 158.8 0.0 351.0

