

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068960.D
 Acq On : 15 Oct 2021 19:43
 Operator : JC/MD
 Sample : M4153-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 18 02:17:46 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	382562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	656679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	597369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	216929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	243101	48.197	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.400%
35) Dibromofluoromethane	8.024	113	194500	50.908	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.820%
50) Toluene-d8	10.443	98	807255	52.807	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.620%
62) 4-Bromofluorobenzene	12.734	95	277795	48.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.320%

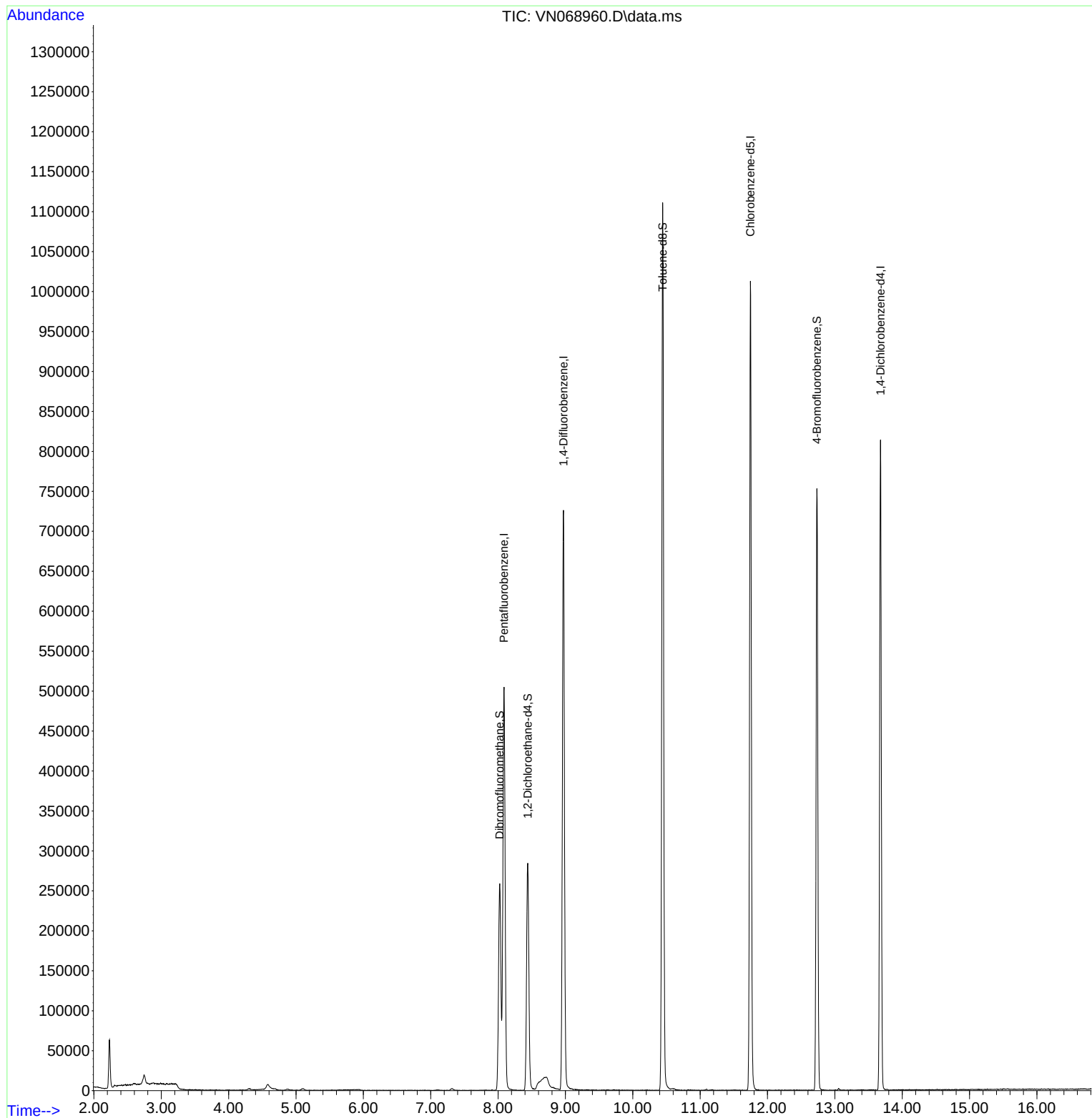
Target Compounds	Qvalue

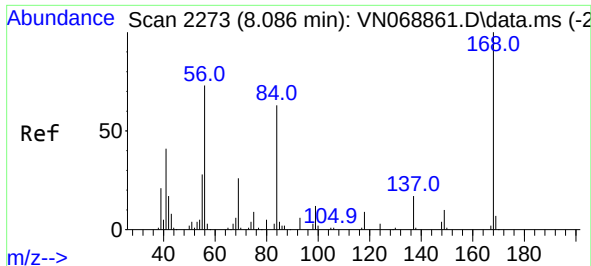
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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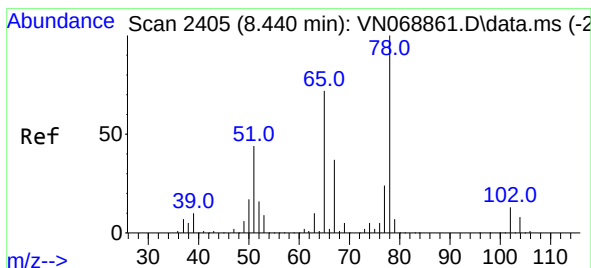
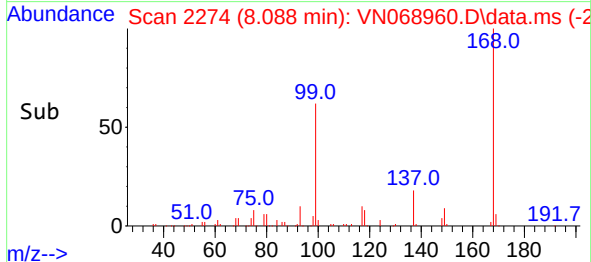
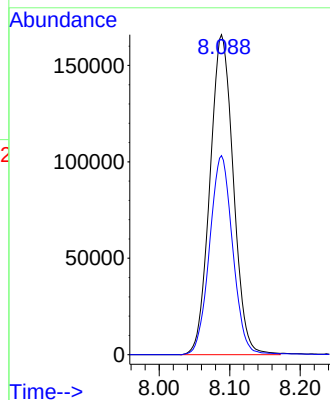
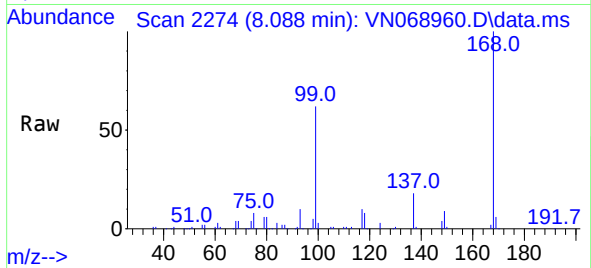




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

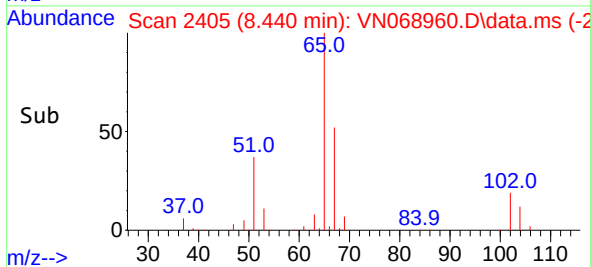
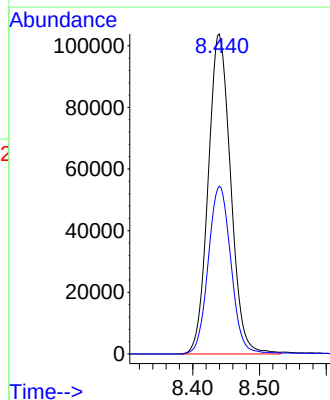
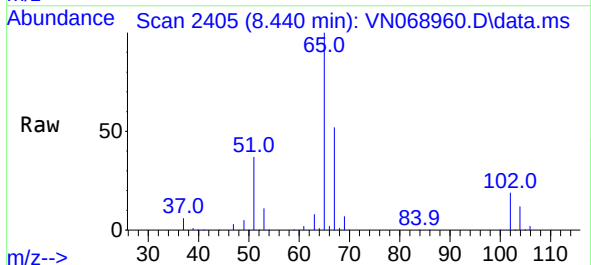
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

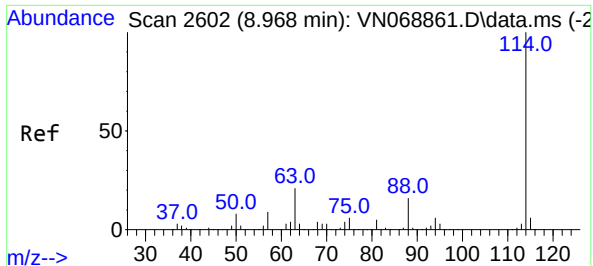
Tgt Ion:168 Resp: 382562
Ion Ratio Lower Upper
168 100
99 62.2 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 48.197 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion: 65 Resp: 243101
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.8

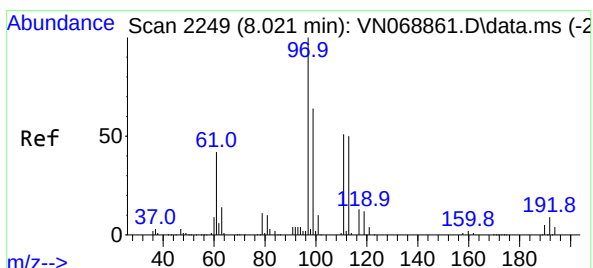
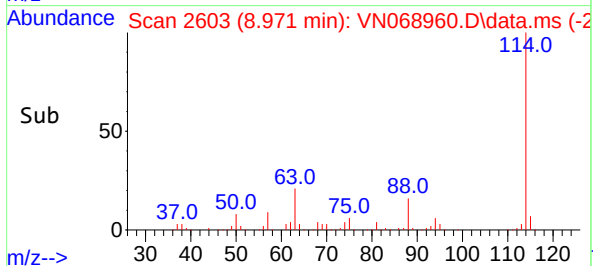
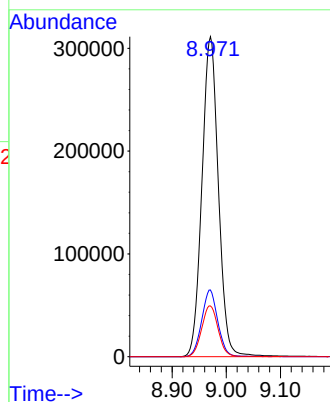
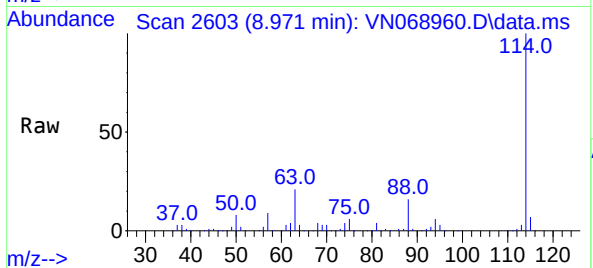




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

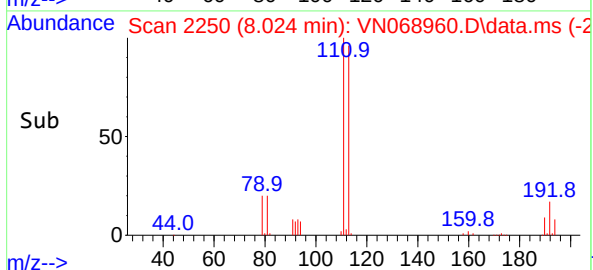
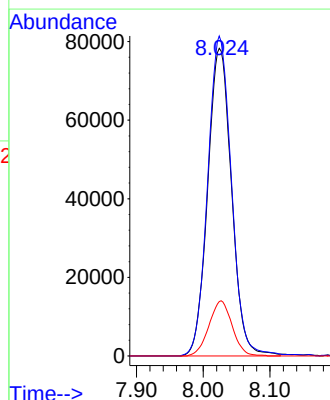
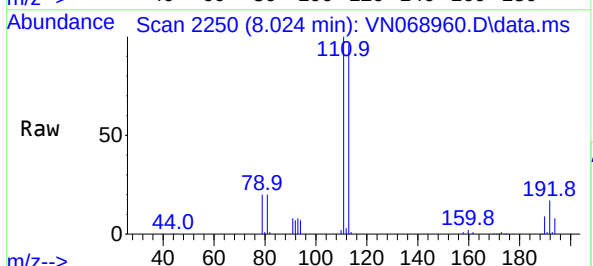
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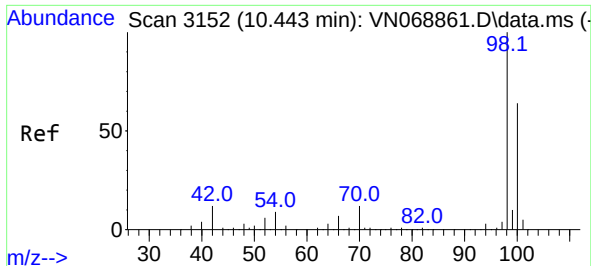
Tgt Ion:114 Resp: 656679
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.908 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion:113 Resp: 194500
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 17.5 15.0 22.4

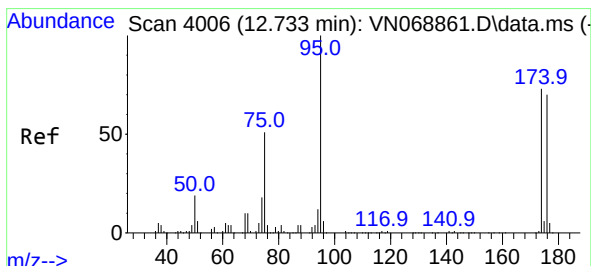
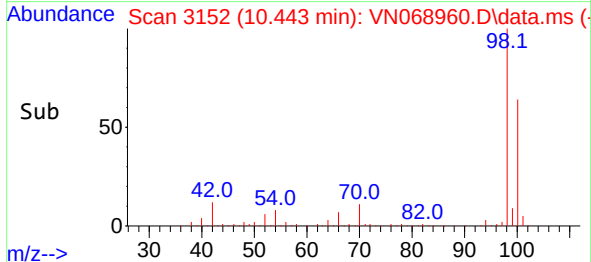
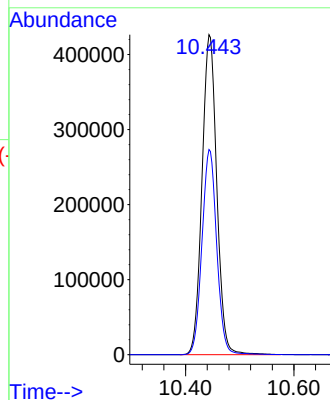
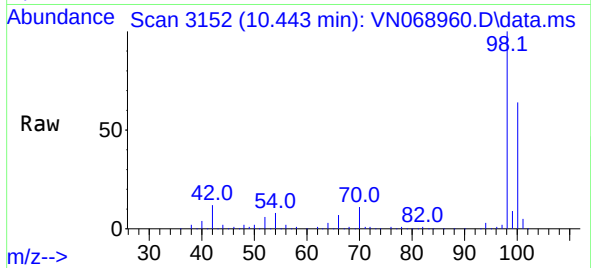




#50
Toluene-d8
Concen: 52.807 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

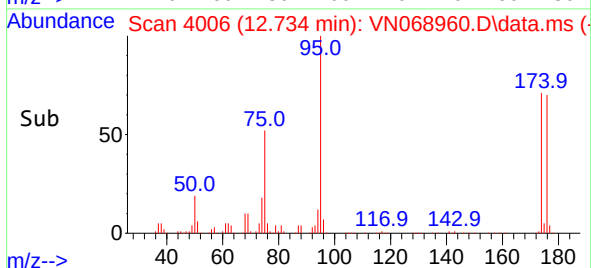
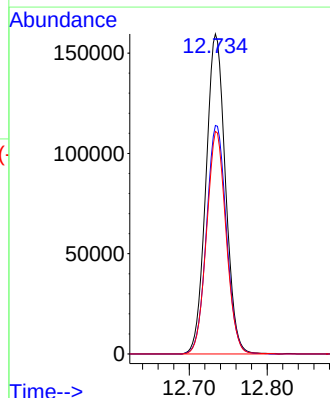
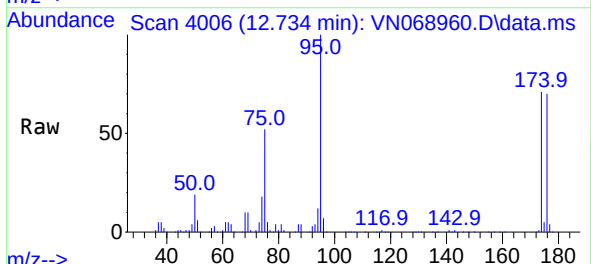
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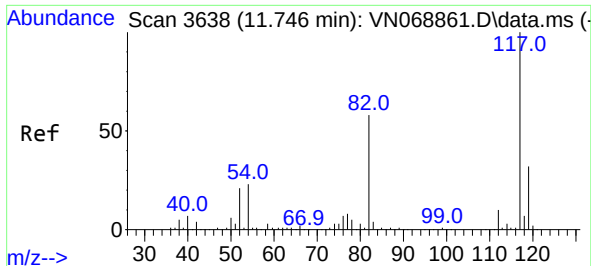
Tgt Ion: 98 Resp: 807255
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.165 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion: 95 Resp: 277795
Ion Ratio Lower Upper
95 100
174 72.7 0.0 144.8
176 69.5 0.0 140.0



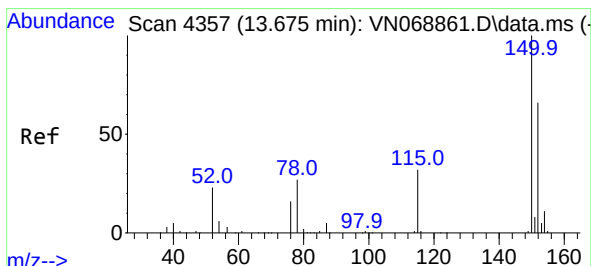
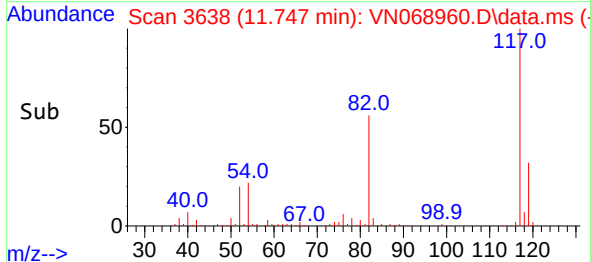
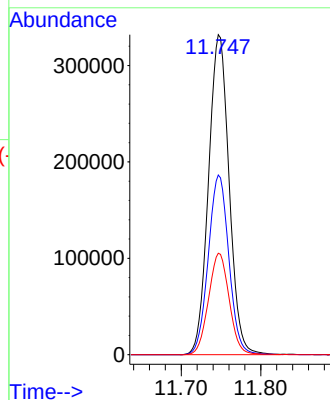
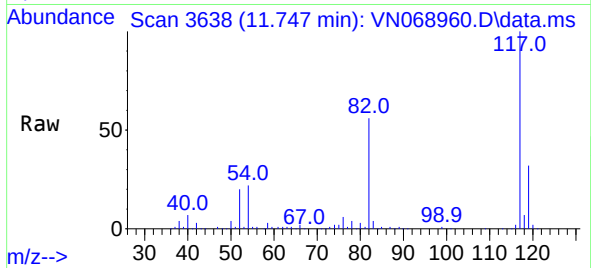


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068960.D
Acq: 15 Oct 2021 19:43

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

Tgt Ion:117 Resp: 597369

Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.4	69.6
119	31.7	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: VN068960.D
Acq: 15 Oct 2021 19:43

Tgt Ion:152 Resp: 216929

Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.4	94.3
150	158.5	0.0	351.0

