

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100821\
 Data File : VN068853.D
 Acq On : 8 Oct 2021 17:19
 Operator : JC/MD
 Sample : M4105-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(OCT)

Quant Time: Oct 11 04:53:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	60347	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	302026	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	268746	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	146033	31.39	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.63%
60) 4-Bromofluorobenzene	12.736	95	92581	22.05	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	73.50%
63) Toluene-d8	10.446	98	377483	31.08	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.60%

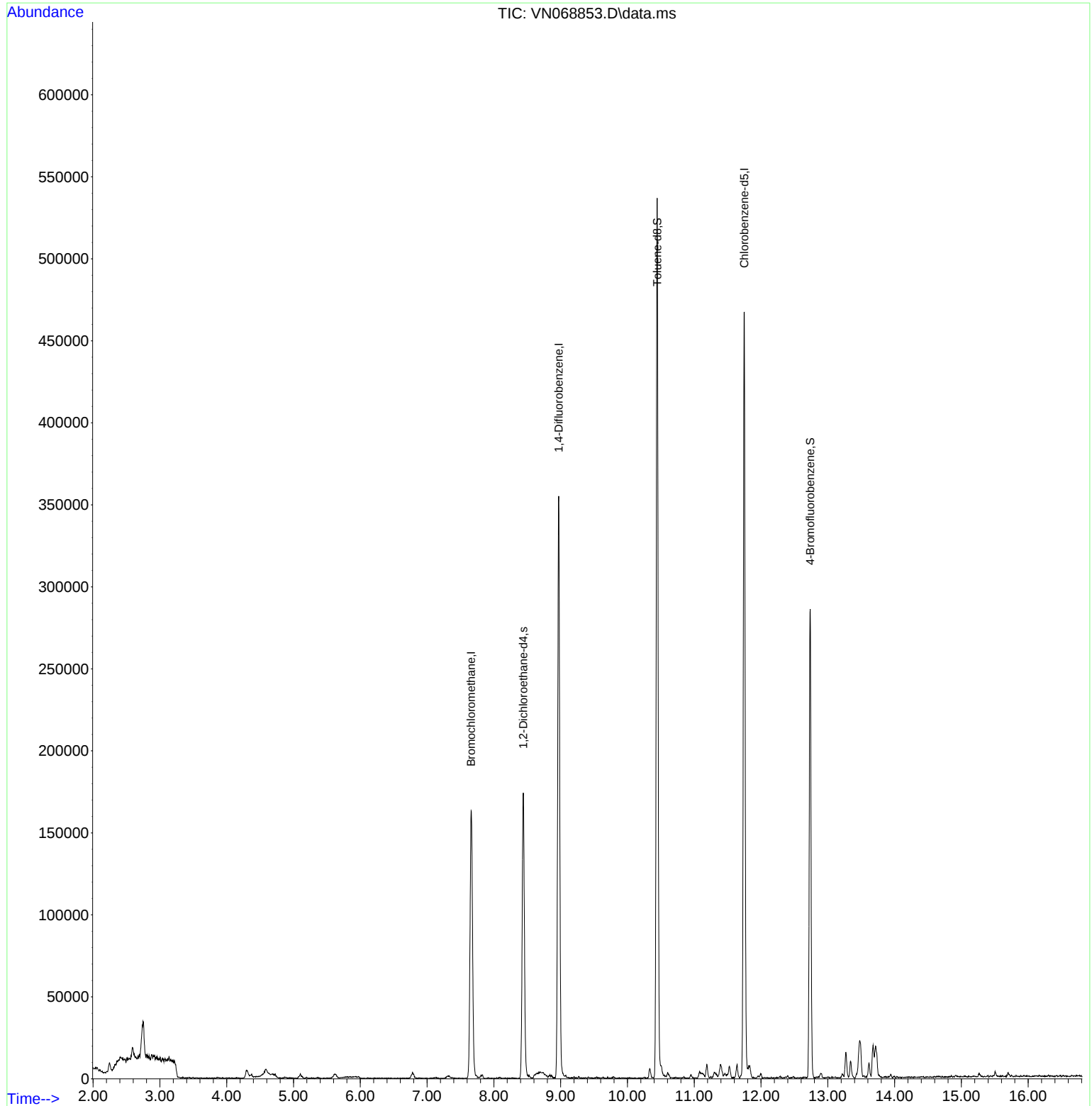
Target Compounds	Qvalue

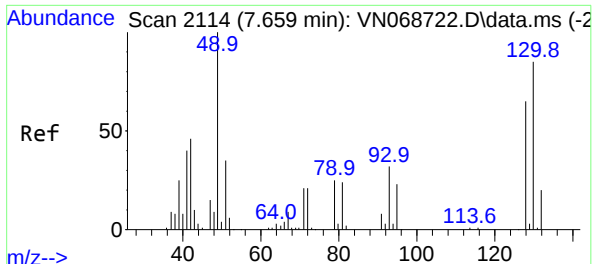
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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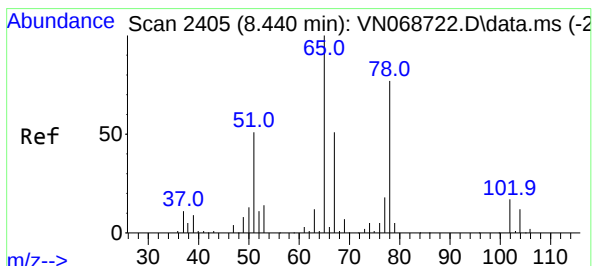
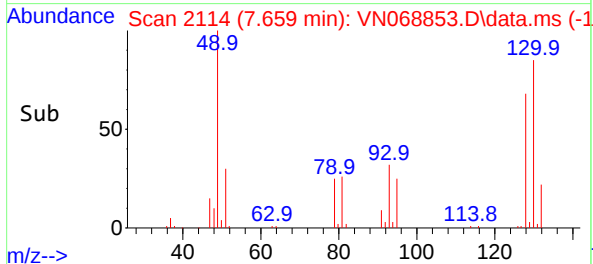
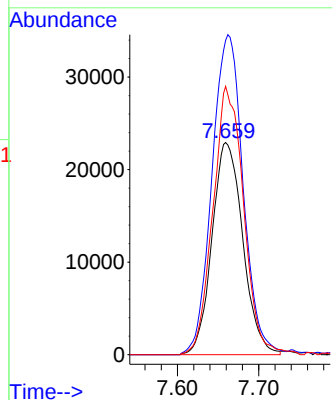
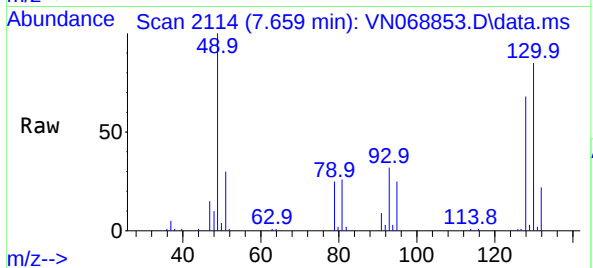




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068853.D
Acq: 8 Oct 2021 17:19

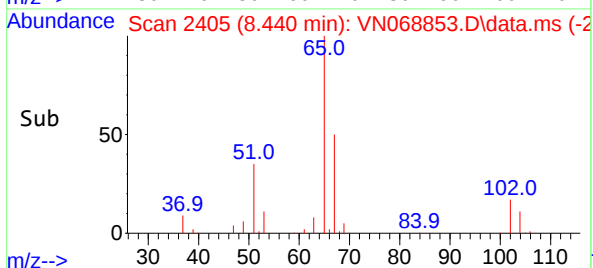
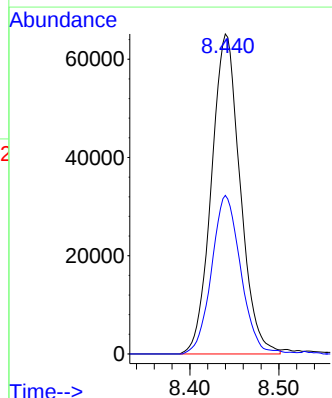
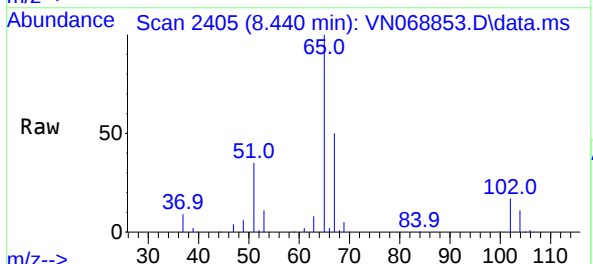
Instrument :
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001-WILLETS-PT-BLVD(OCT)

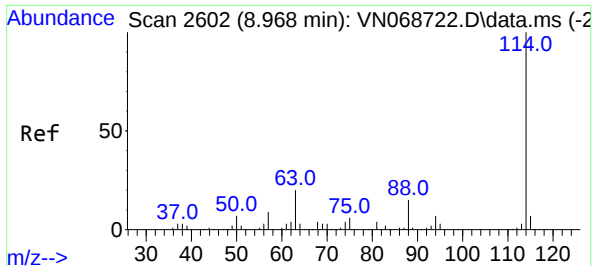
Tgt Ion:128 Resp: 60347
Ion Ratio Lower Upper
128 100
49 152.6 0.0 392.3
130 125.4 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.39 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068853.D
Acq: 8 Oct 2021 17:19

Tgt Ion: 65 Resp: 146033
Ion Ratio Lower Upper
65 100
67 49.8 40.2 60.2

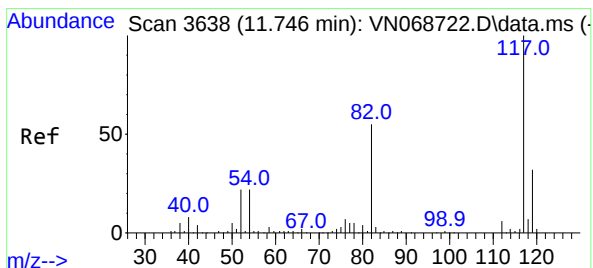
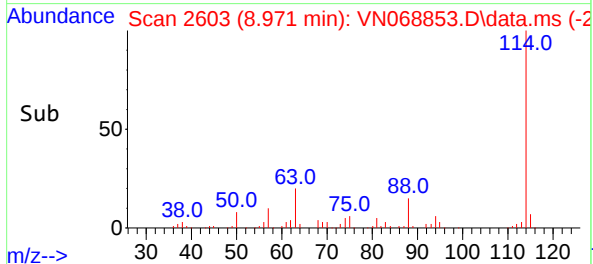
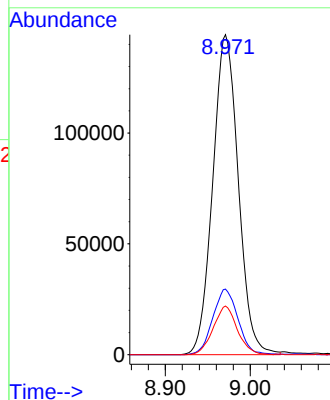
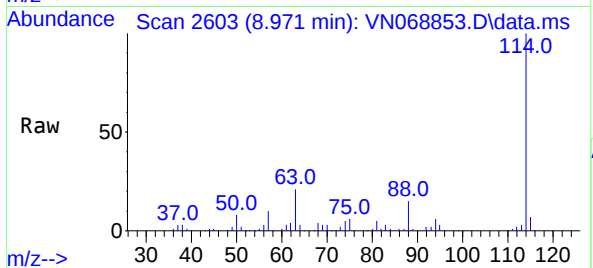




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068853.D
Acq: 8 Oct 2021 17:19

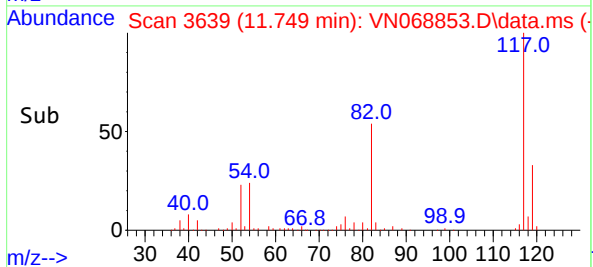
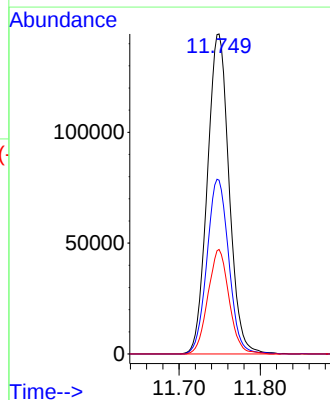
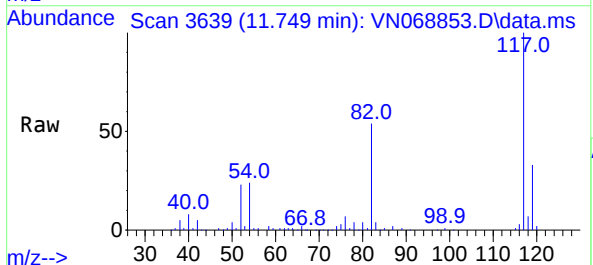
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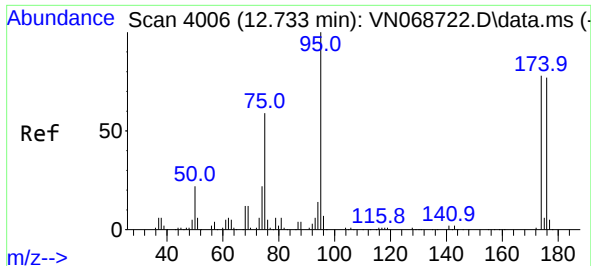
Tgt Ion:114 Resp: 302026
Ion Ratio Lower Upper
114 100
63 20.2 15.8 23.6
88 14.4 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068853.D
Acq: 8 Oct 2021 17:19

Tgt Ion:117 Resp: 268746
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 31.8 25.8 38.6

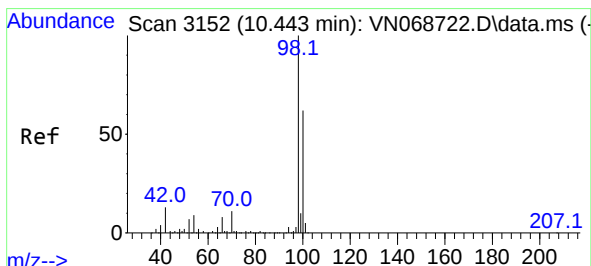
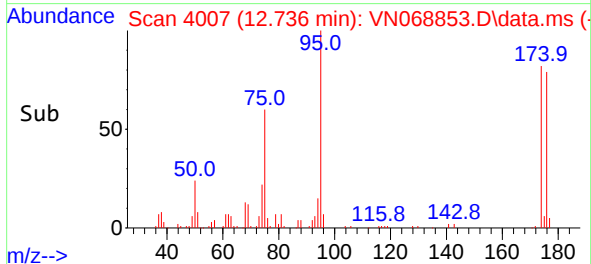
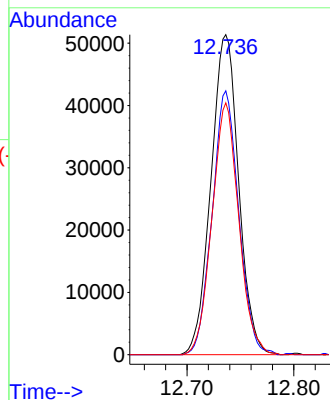
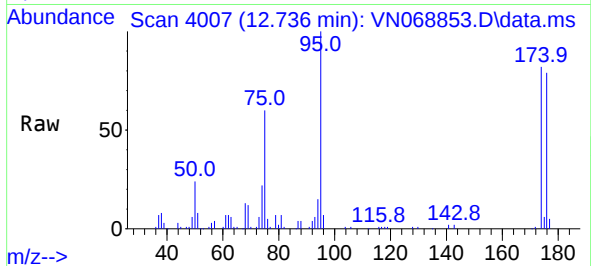




#60
4-Bromofluorobenzene
Concen: 22.05 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068853.D
Acq: 8 Oct 2021 17:19

Instrument :
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Tgt Ion: 95 Resp: 92581
Ion Ratio Lower Upper
95 100
174 79.1 62.9 94.3
176 76.0 61.0 91.4



#63
Toluene-d8
Concen: 31.08 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068853.D
Acq: 8 Oct 2021 17:19

Tgt Ion: 98 Resp: 377483
Ion Ratio Lower Upper
98 100
100 61.7 50.6 76.0

