

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068728.D
 Acq On : 28 Sep 2021 19:13
 Operator : JC/MD
 Sample : VN0928WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBL02

Quant Time: Sep 29 09:07:21 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	7.662	128	72052	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	402968	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	349248	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	177342	31.932	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.433%
60) 4-Bromofluorobenzene	12.733	95	119845	21.966	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	73.233%
63) Toluene-d8	10.446	98	499331	31.631	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.433%

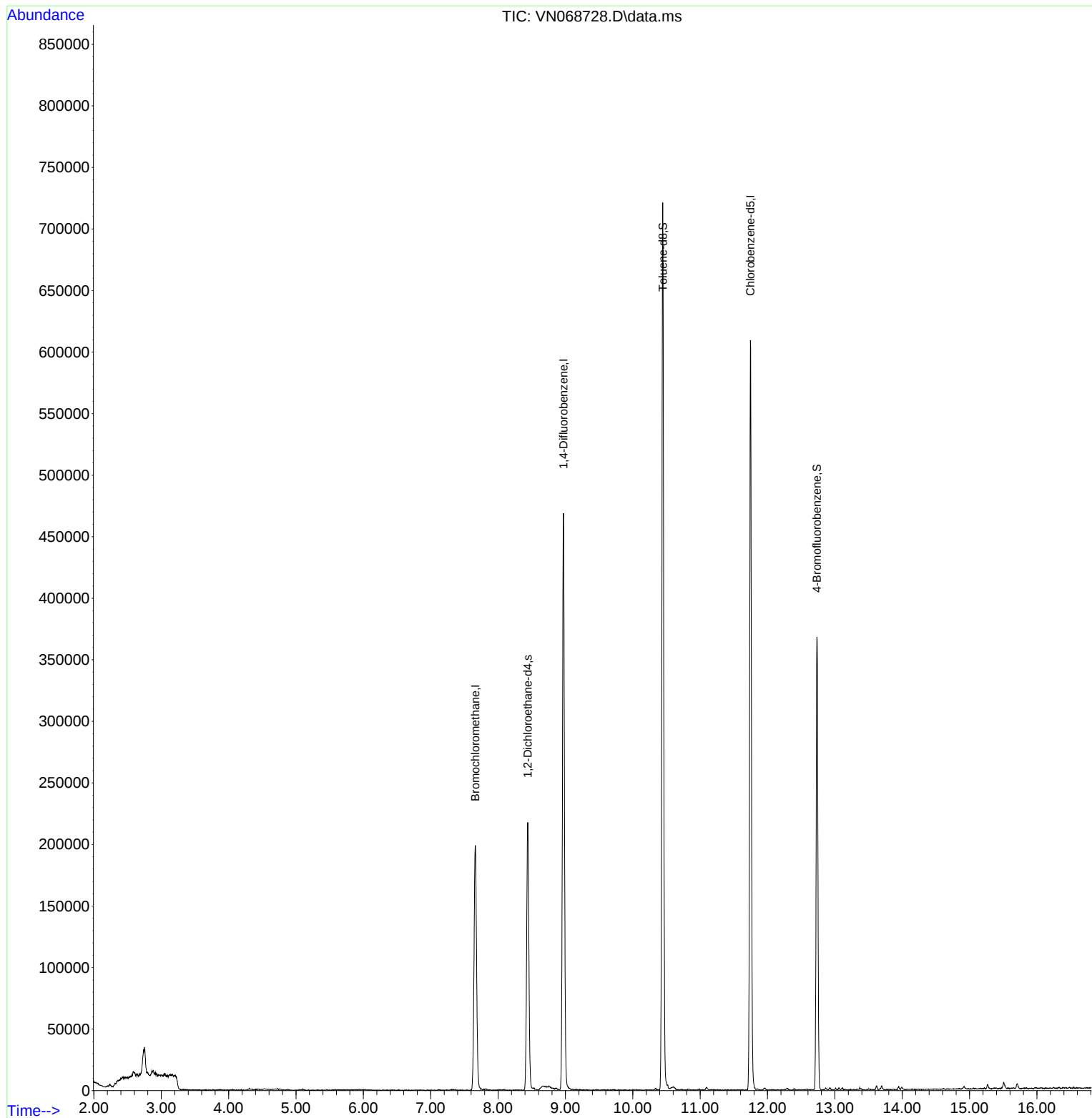
Target Compounds	Qvalue

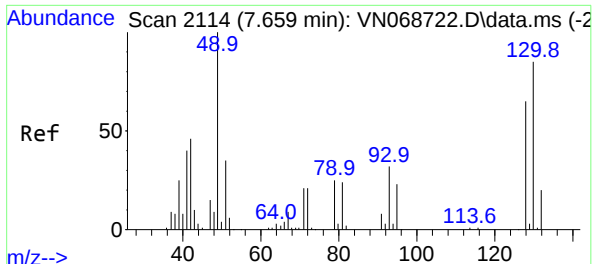
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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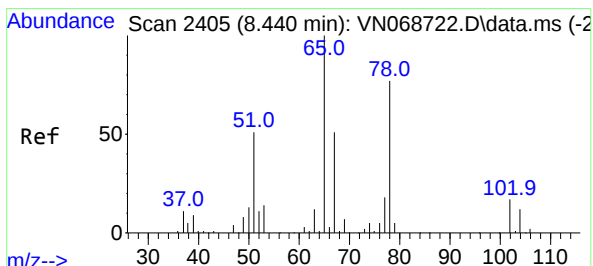
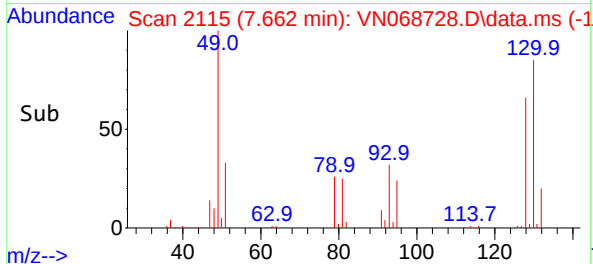
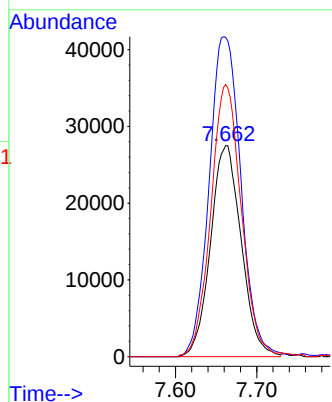
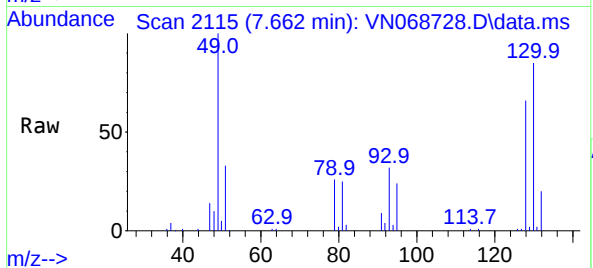




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068728.D
Acq: 28 Sep 2021 19:13

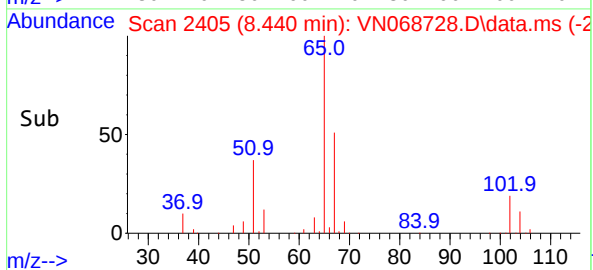
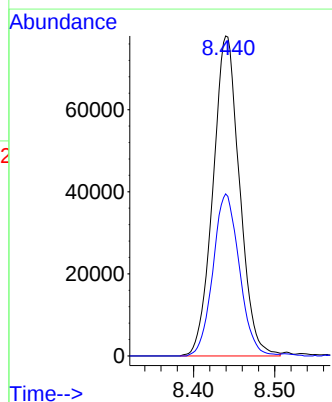
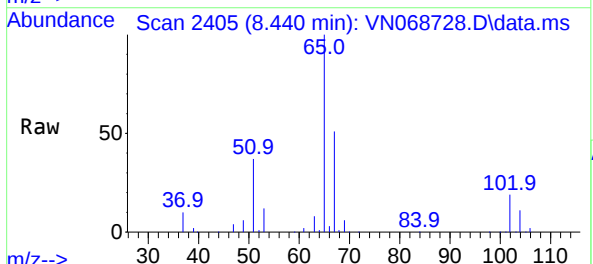
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL02

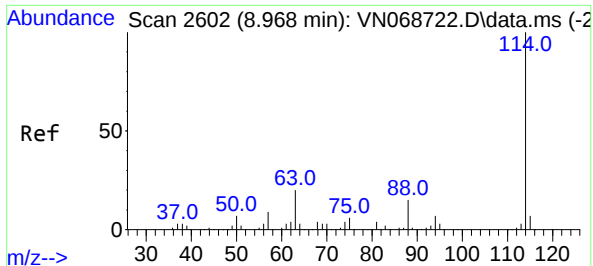
Tgt Ion:128 Resp: 72052
Ion Ratio Lower Upper
128 100
49 157.0 0.0 392.3
130 127.9 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.932 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068728.D
Acq: 28 Sep 2021 19:13

Tgt Ion: 65 Resp: 177342
Ion Ratio Lower Upper
65 100
67 50.2 40.2 60.2

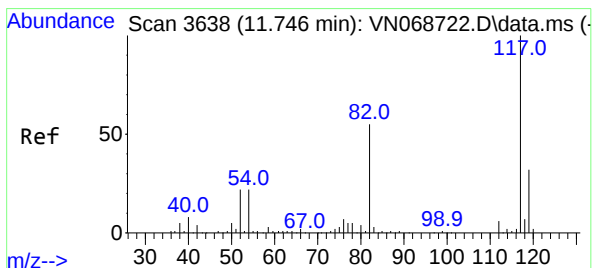
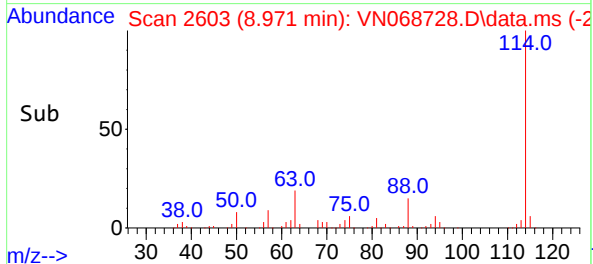
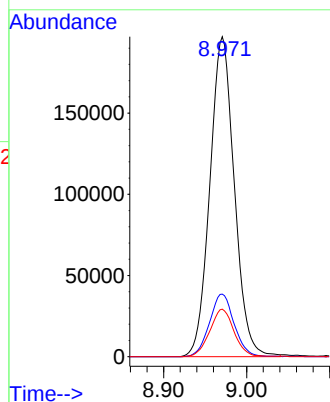
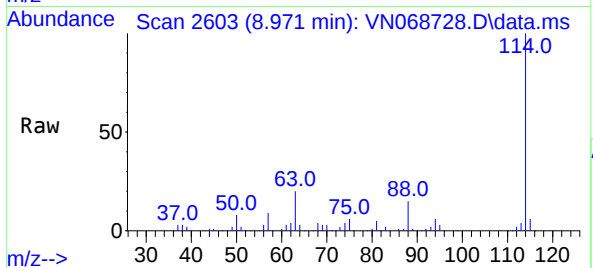




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068728.D
Acq: 28 Sep 2021 19:13

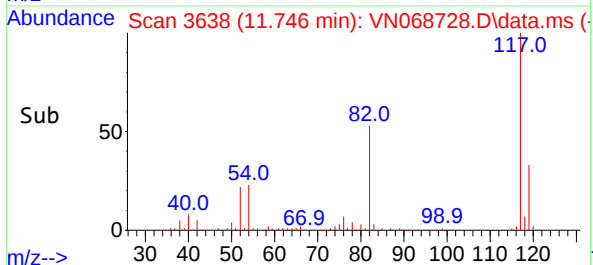
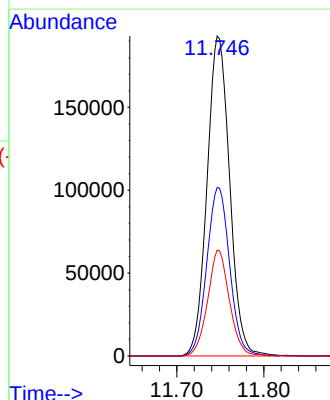
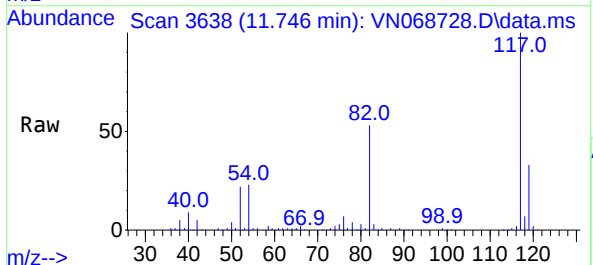
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL02

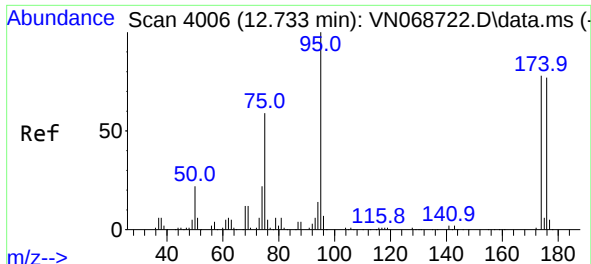
Tgt Ion:114 Resp: 402968
Ion Ratio Lower Upper
114 100
63 19.7 15.8 23.6
88 14.8 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068728.D
Acq: 28 Sep 2021 19:13

Tgt Ion:117 Resp: 349248
Ion Ratio Lower Upper
117 100
82 53.2 43.6 65.4
119 31.7 25.8 38.6

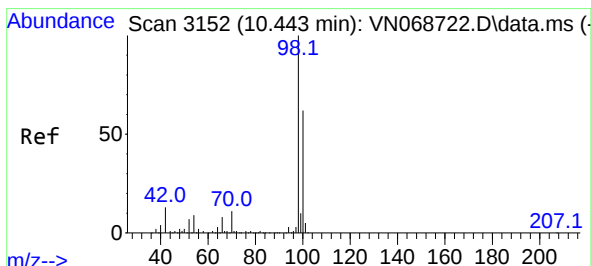
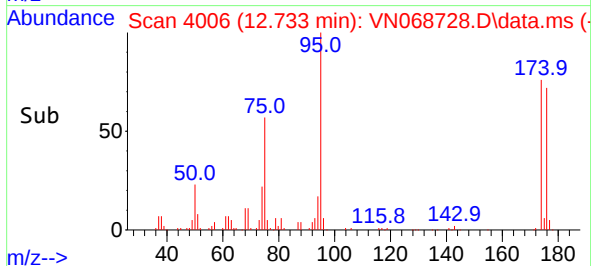
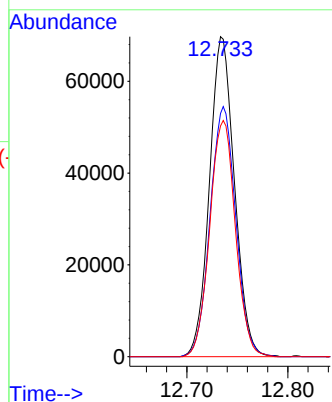
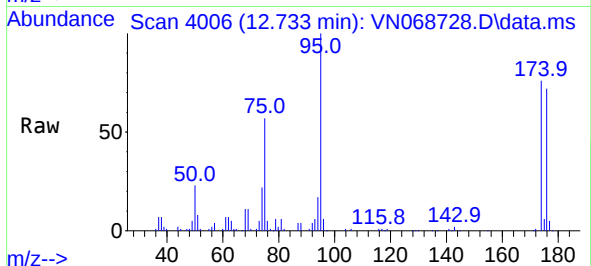




#60
4-Bromofluorobenzene
Concen: 21.966 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068728.D
Acq: 28 Sep 2021 19:13

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL02

Tgt Ion: 95 Resp: 119845
Ion Ratio Lower Upper
95 100
174 80.4 62.9 94.3
176 75.8 61.0 91.4



#63
Toluene-d8
Concen: 31.631 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068728.D
Acq: 28 Sep 2021 19:13

Tgt Ion: 98 Resp: 499331
Ion Ratio Lower Upper
98 100
100 61.5 50.6 76.0

