

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073611.D
 Acq On : 27 Jul 2022 17:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 28 02:15:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	50312	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	266482	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	227606	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	137055	31.506	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.033%
60) 4-Bromofluorobenzene	12.674	95	100161	24.853	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.833%
63) Toluene-d8	10.380	98	389132	30.363	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.200%

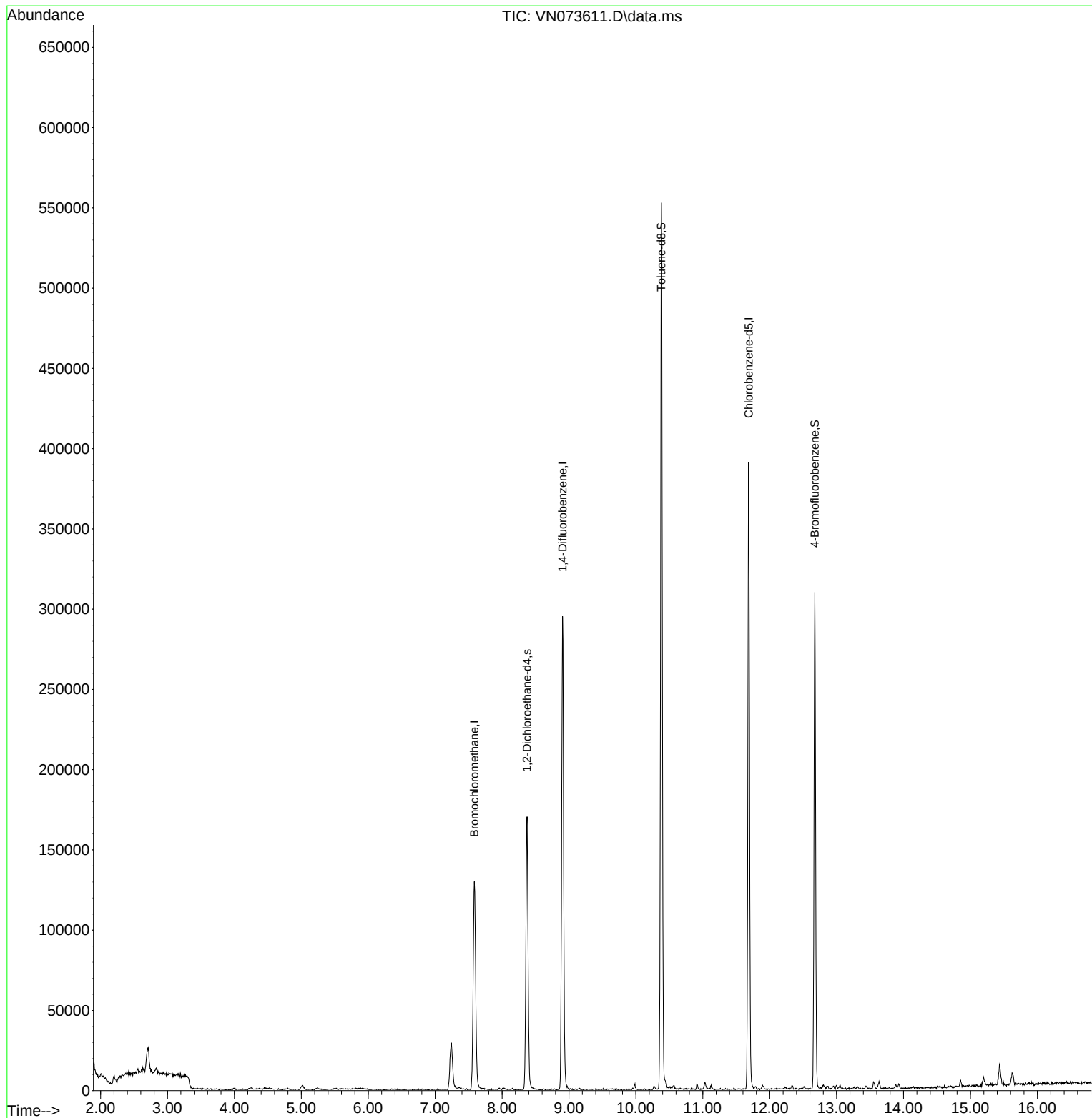
Target Compounds	Qvalue

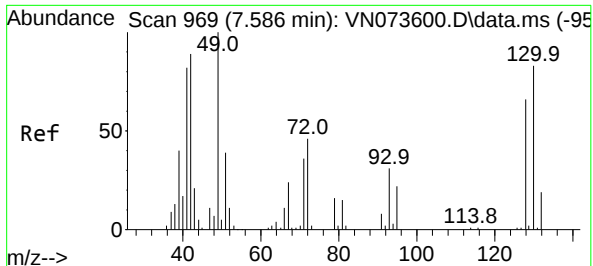
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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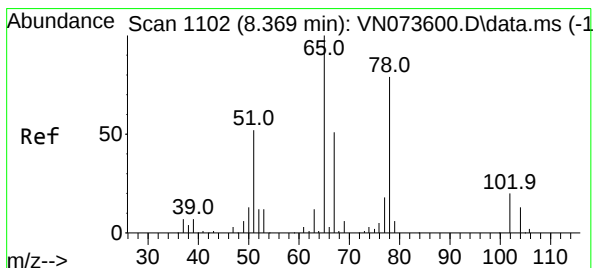
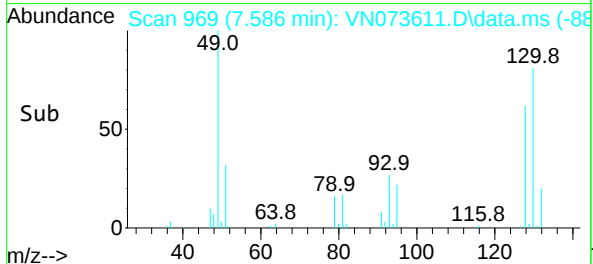
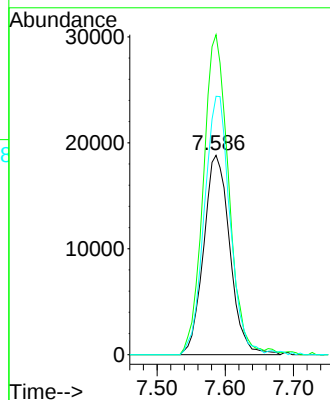
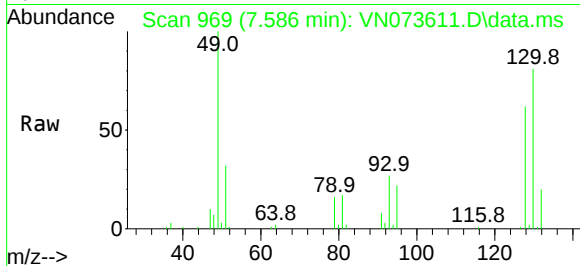




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073611.D
Acq: 27 Jul 2022 17:16

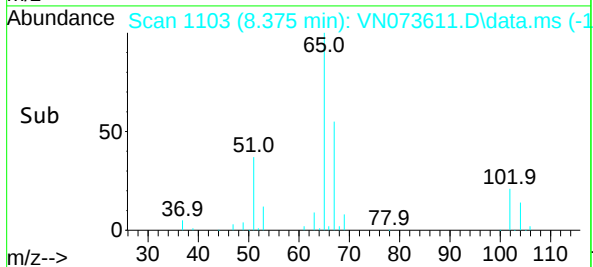
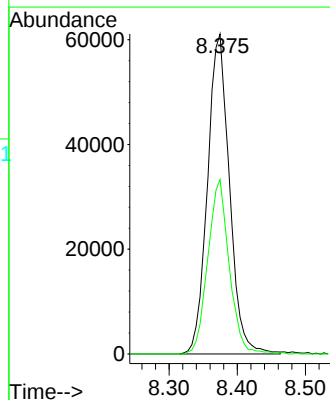
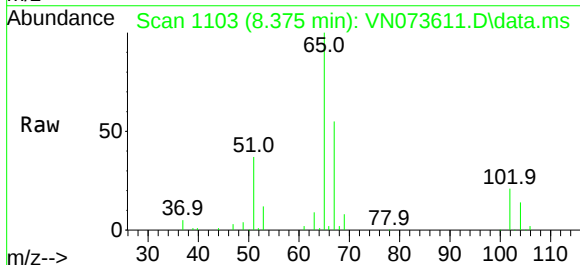
Instrument :
MSVOA_N
ClientSampleId :
IBLK

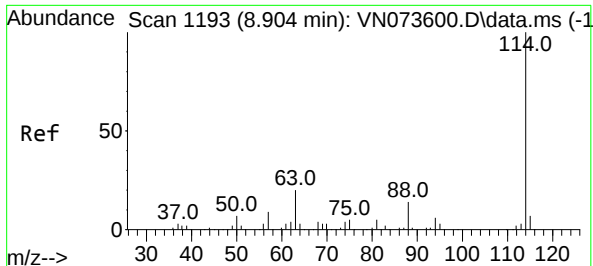
Tgt Ion:128 Resp: 50312
Ion Ratio Lower Upper
128 100
49 154.4 0.0 392.3
130 127.2 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.506 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073611.D
Acq: 27 Jul 2022 17:16

Tgt Ion: 65 Resp: 137055
Ion Ratio Lower Upper
65 100
67 52.9 40.2 60.2

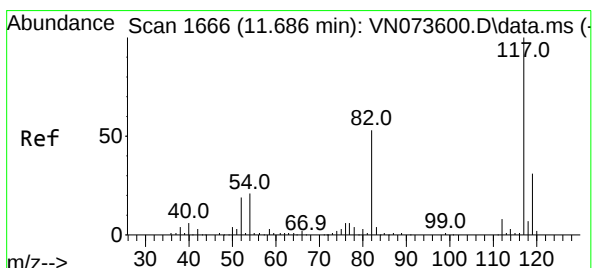
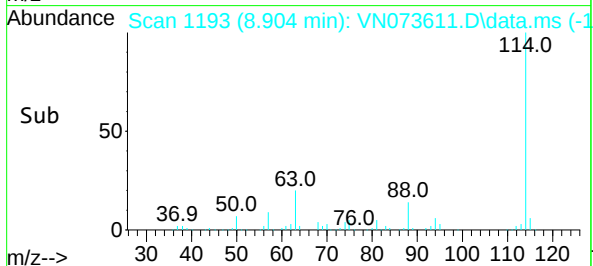
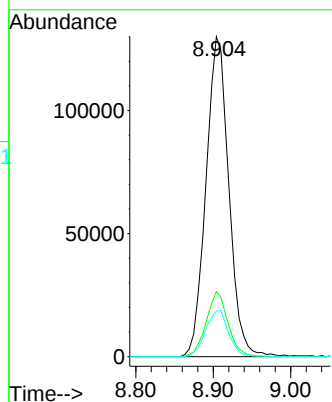
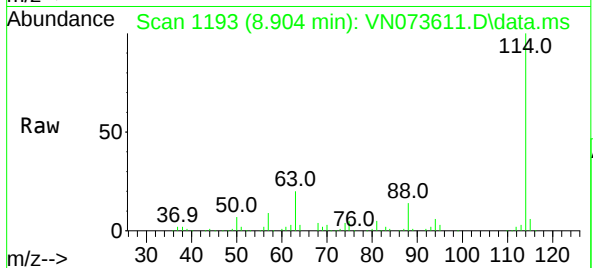




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073611.D
Acq: 27 Jul 2022 17:16

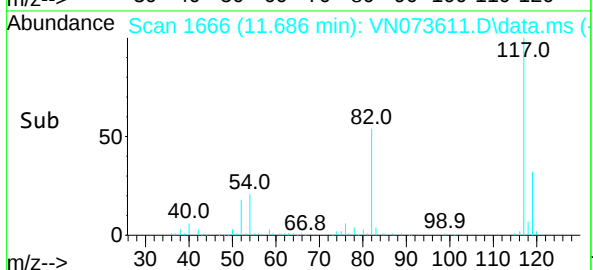
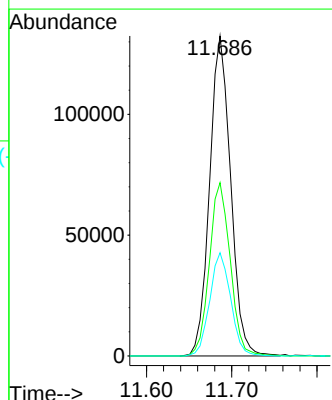
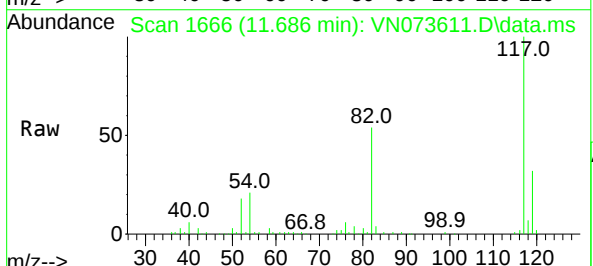
Instrument :
MSVOA_N
ClientSampleId :
IBLK

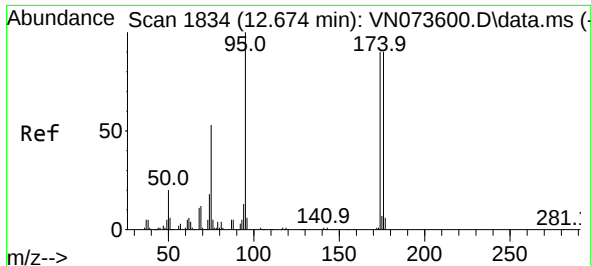
Tgt Ion:114 Resp: 266482
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.6
88 14.5 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073611.D
Acq: 27 Jul 2022 17:16

Tgt Ion:117 Resp: 227606
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.1 25.8 38.6

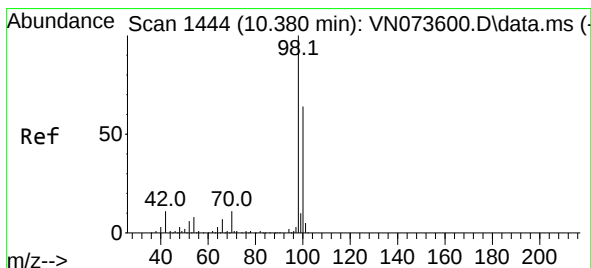
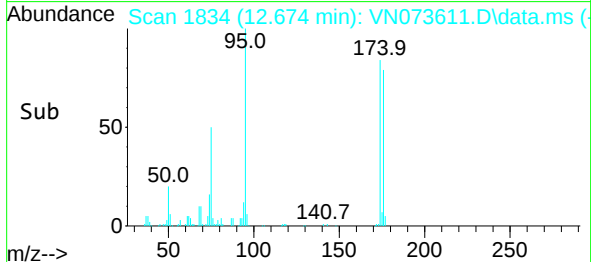
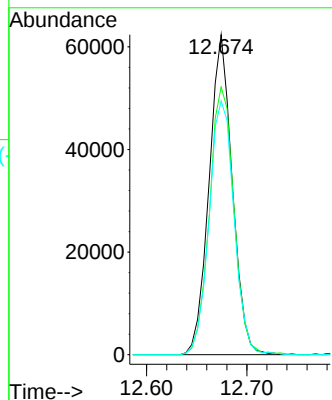
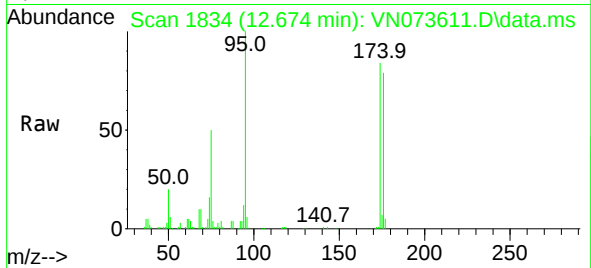




#60
4-Bromofluorobenzene
Concen: 24.853 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073611.D
Acq: 27 Jul 2022 17:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 100161
Ion Ratio Lower Upper
95 100
174 88.7 62.9 94.3
176 85.3 61.0 91.4



#63
Toluene-d8
Concen: 30.363 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073611.D
Acq: 27 Jul 2022 17:16

Tgt Ion: 98 Resp: 389132
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

