

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071909.D
 Acq On : 08 Apr 2022 12:03
 Operator : JC\MD
 Sample : VN0408WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBL01

Quant Time: Apr 09 05:19:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	87308	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	473849	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	398523	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	179054	29.108	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.033%
60) 4-Bromofluorobenzene	12.727	95	133820	22.646	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.500%
63) Toluene-d8	10.439	98	549225	30.359	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.200%

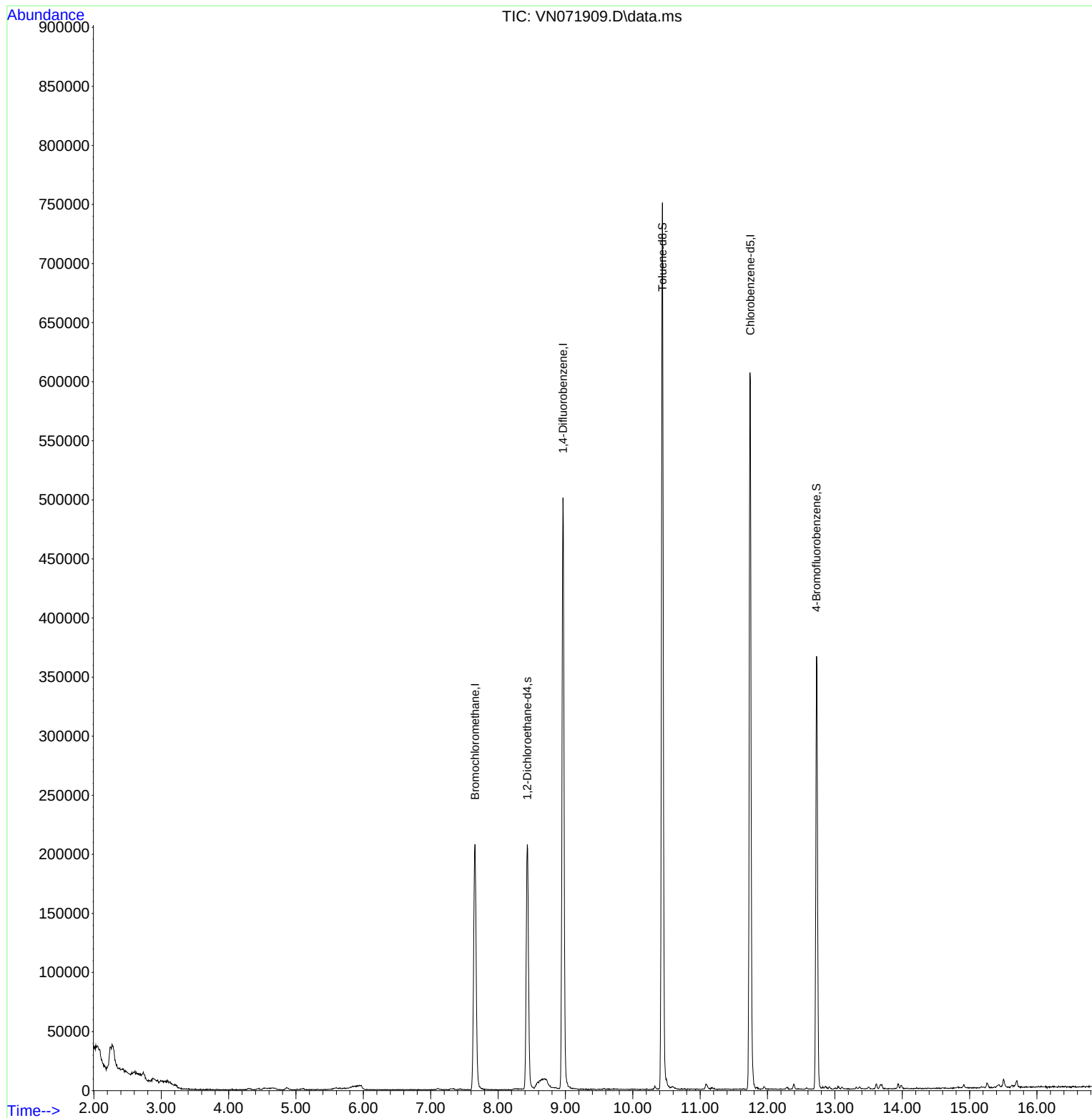
Target Compounds	Qvalue

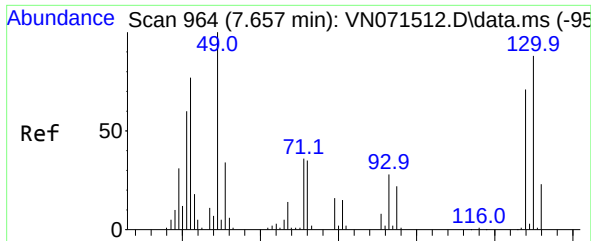
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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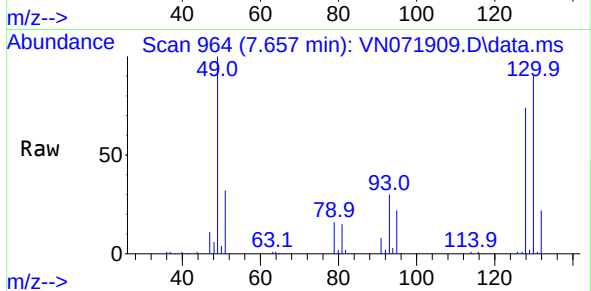
Quant Time: Apr 09 05:19:46 2022
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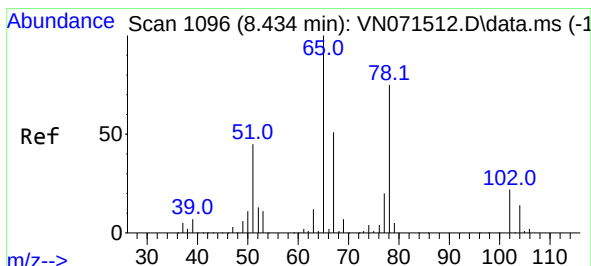
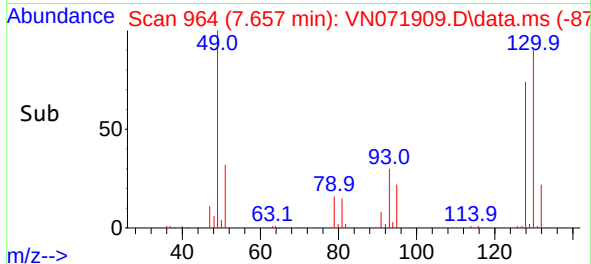
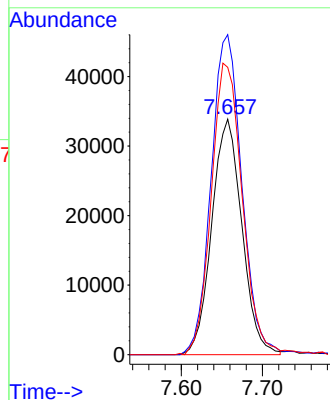


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071909.D
Acq: 08 Apr 2022 12:03

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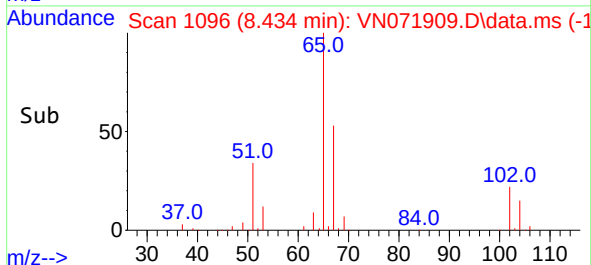
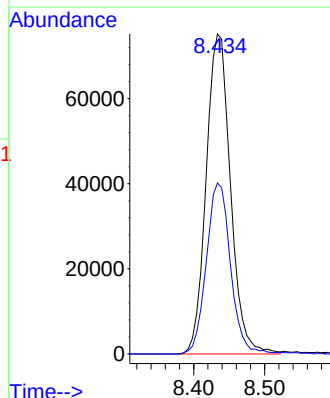
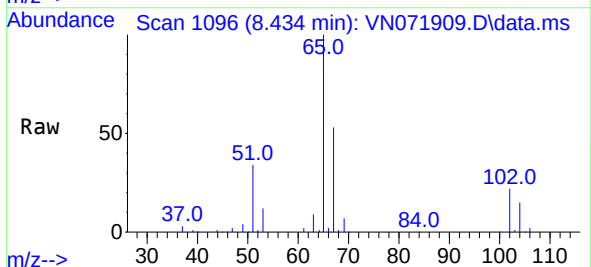


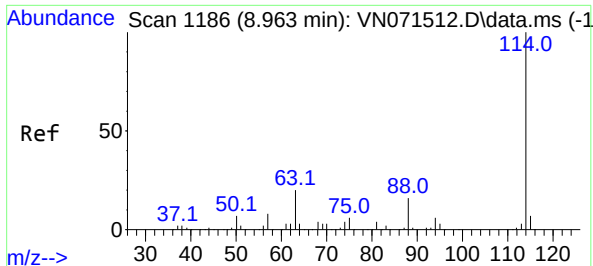
Tgt Ion:128 Resp: 87308
Ion Ratio Lower Upper
128 100
49 139.3 0.0 392.3
130 126.9 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 29.108 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071909.D
Acq: 08 Apr 2022 12:03

Tgt Ion: 65 Resp: 179054
Ion Ratio Lower Upper
65 100
67 52.9 40.2 60.2

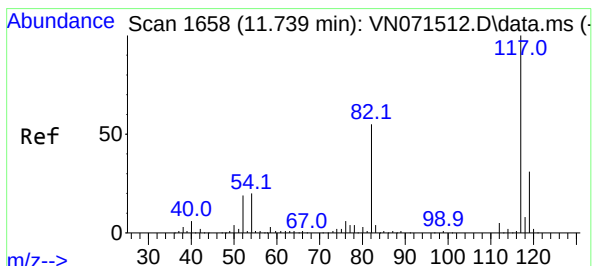
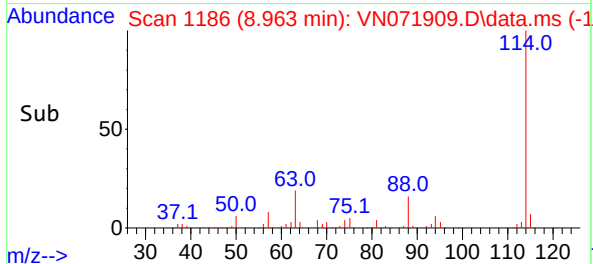
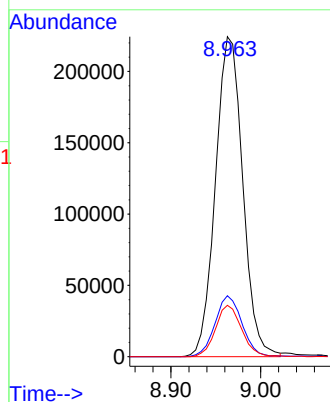
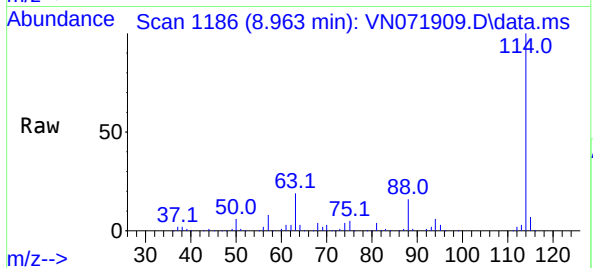




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071909.D
Acq: 08 Apr 2022 12:03

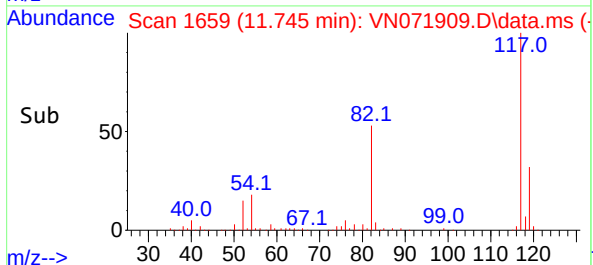
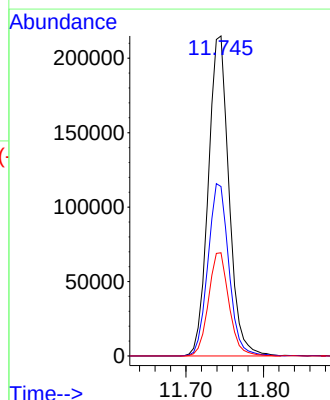
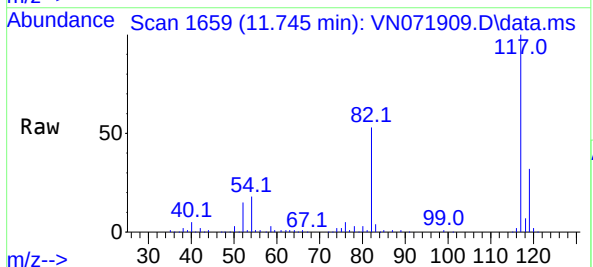
Instrument :
MSVOA_N
ClientSampleId :
VN0408WBL01

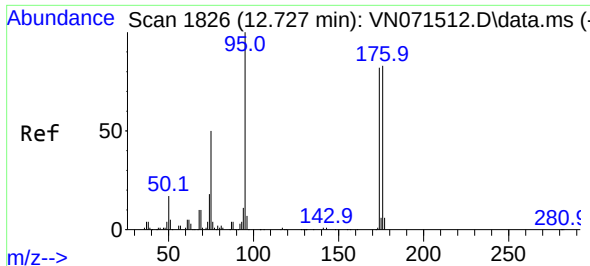
Tgt Ion:114 Resp: 473849
Ion Ratio Lower Upper
114 100
63 18.9 15.8 23.6
88 15.4 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071909.D
Acq: 08 Apr 2022 12:03

Tgt Ion:117 Resp: 398523
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 32.0 25.8 38.6

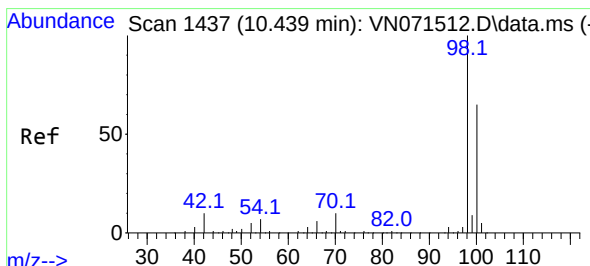
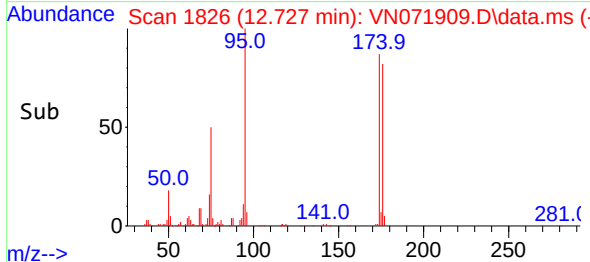
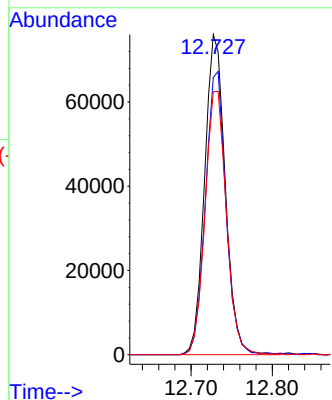
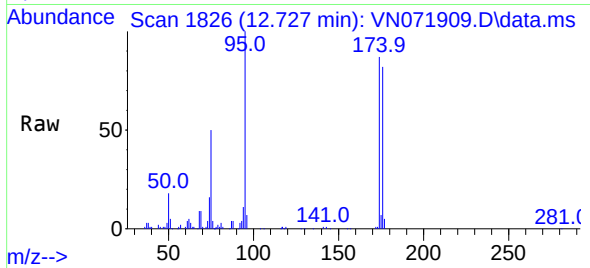




#60
4-Bromofluorobenzene
Concen: 22.646 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071909.D
Acq: 08 Apr 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBL01

Tgt Ion: 95 Resp: 133820
Ion Ratio Lower Upper
95 100
174 88.1 62.9 94.3
176 85.0 61.0 91.4



#63
Toluene-d8
Concen: 30.359 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071909.D
Acq: 08 Apr 2022 12:03

Tgt Ion: 98 Resp: 549225
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

