

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072509.D
 Acq On : 16 May 2022 18:33
 Operator : JC\MD
 Sample : N2804-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FE-FB-05112022

Quant Time: May 17 07:19:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	23902	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	124230	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	106828	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	84579	31.447	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.833%
60) 4-Bromofluorobenzene	12.727	95	50241	24.086	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.300%
63) Toluene-d8	10.439	98	179475	30.777	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%

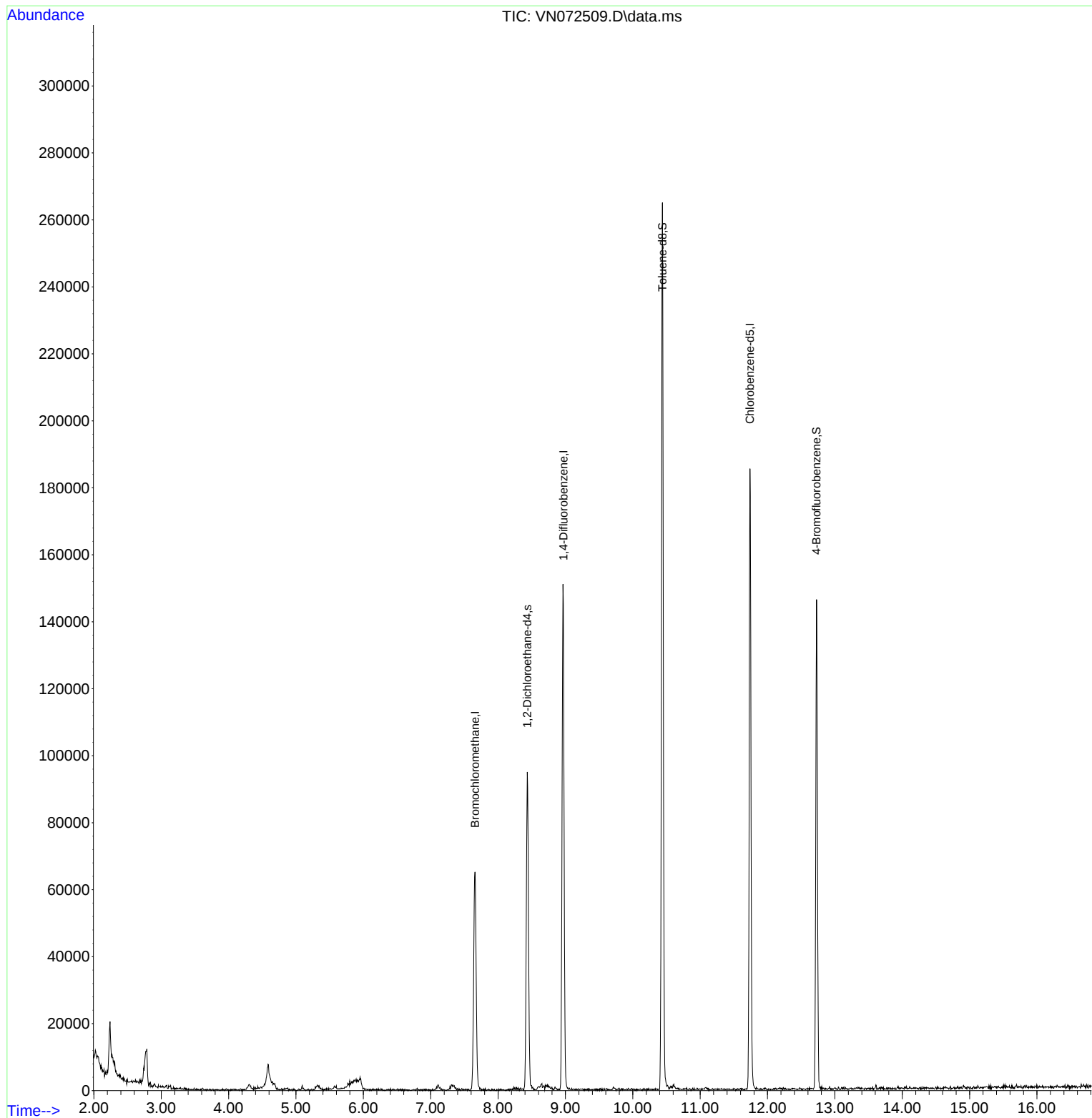
Target Compounds	Qvalue

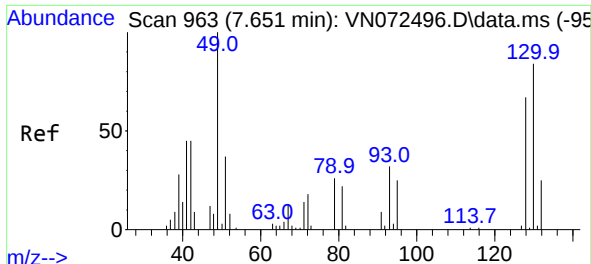
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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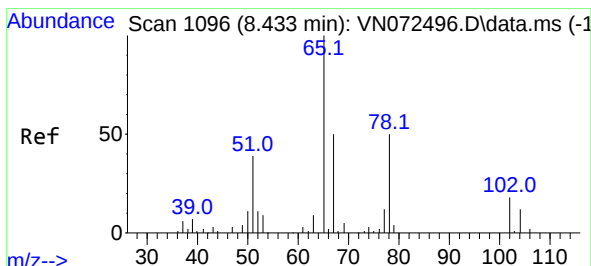
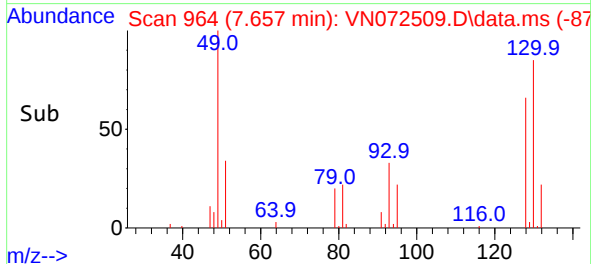
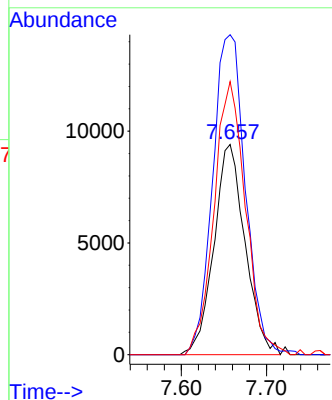
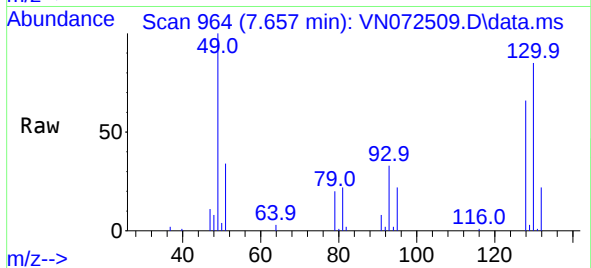




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072509.D
Acq: 16 May 2022 18:33

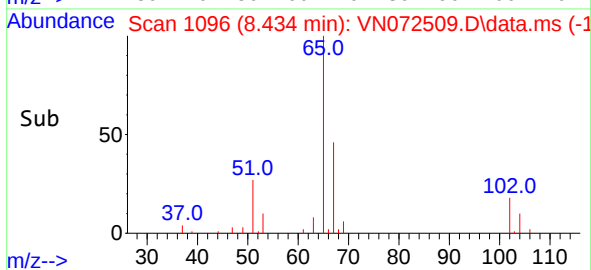
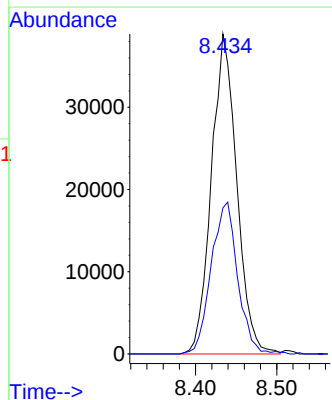
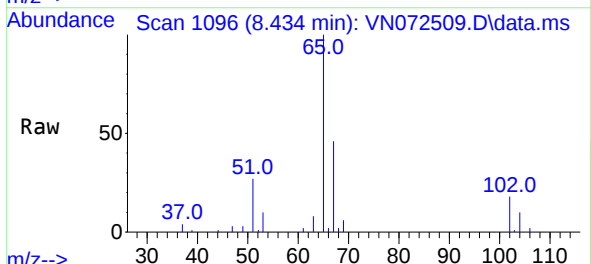
Instrument :
MSVOA_N
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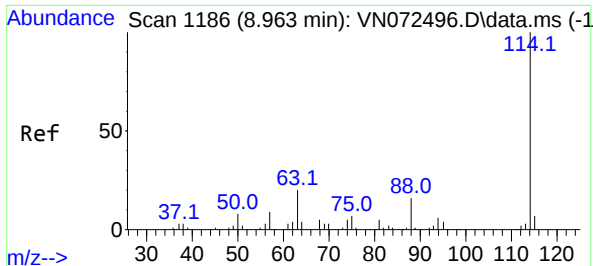
Tgt Ion:128 Resp: 23902
Ion Ratio Lower Upper
128 100
49 159.2 0.0 392.3
130 131.2 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.447 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072509.D
Acq: 16 May 2022 18:33

Tgt Ion: 65 Resp: 84579
Ion Ratio Lower Upper
65 100
67 49.3 40.2 60.2

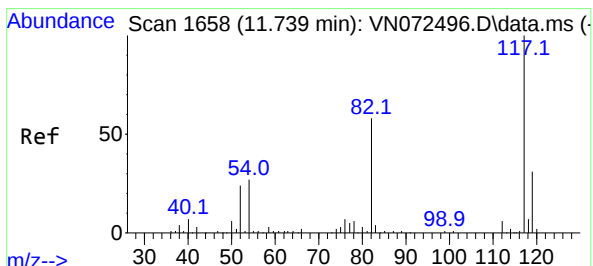
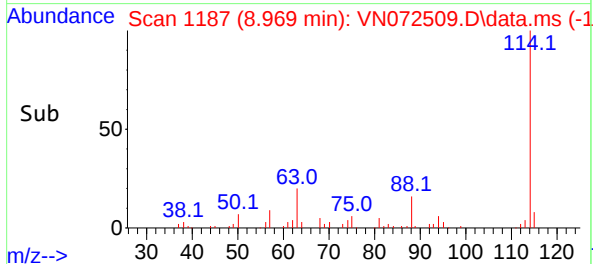
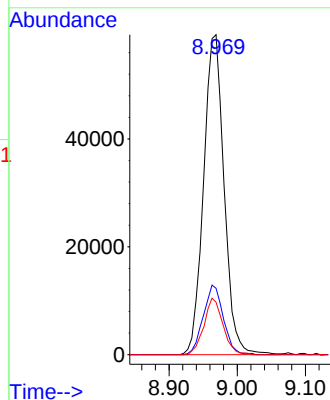
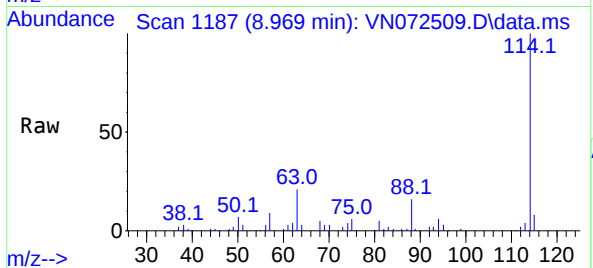




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN072509.D
Acq: 16 May 2022 18:33

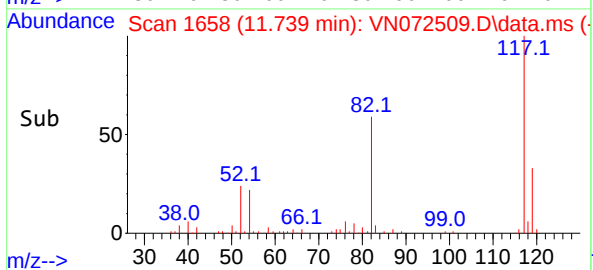
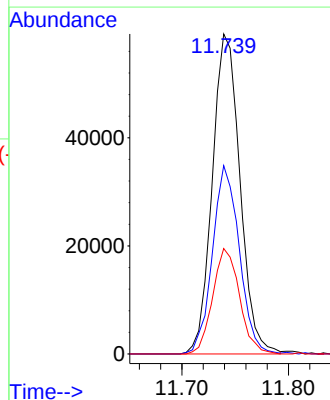
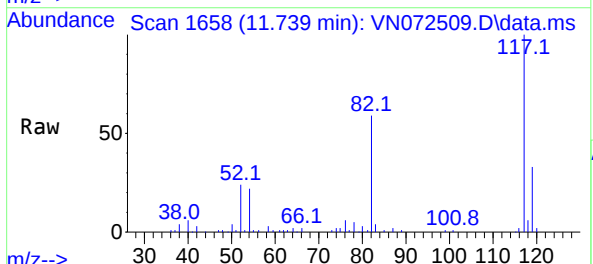
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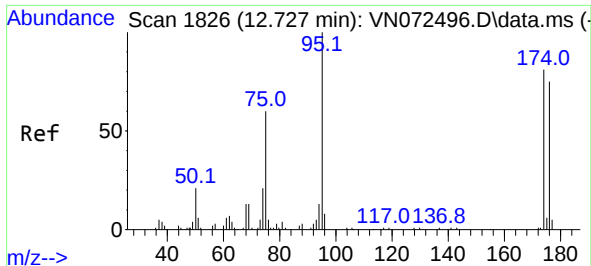
Tgt Ion:114 Resp: 124230
Ion Ratio Lower Upper
114 100
63 21.1 15.8 23.6
88 16.2 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072509.D
Acq: 16 May 2022 18:33

Tgt Ion:117 Resp: 106828
Ion Ratio Lower Upper
117 100
82 57.2 43.6 65.4
119 32.0 25.8 38.6

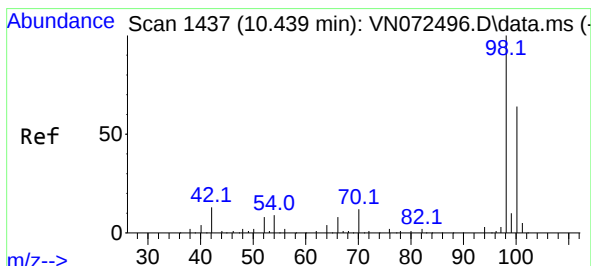
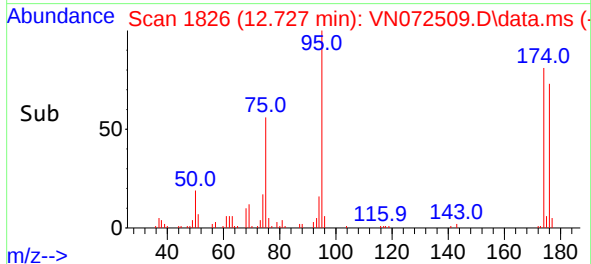
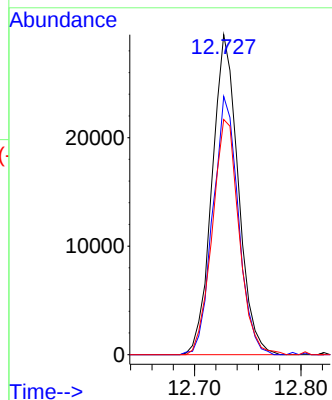
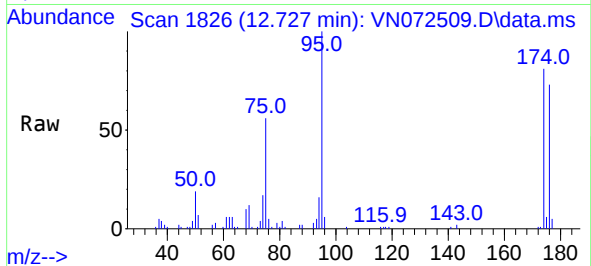




#60
4-Bromofluorobenzene
Concen: 24.086 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072509.D
Acq: 16 May 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 50241
Ion Ratio Lower Upper
95 100
174 78.7 62.9 94.3
176 75.2 61.0 91.4



#63
Toluene-d8
Concen: 30.777 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072509.D
Acq: 16 May 2022 18:33

Tgt Ion: 98 Resp: 179475
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

