

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072516.D
 Acq On : 16 May 2022 21:22
 Operator : JC\MD
 Sample : N2804-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FEDUP

Quant Time: May 17 07:21:15 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	7.651	128	23035	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	112541	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	96333	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	80707	31.137	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.800%
60) 4-Bromofluorobenzene	12.727	95	42640	22.669	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.567%
63) Toluene-d8	10.439	98	160486	30.519	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.733%

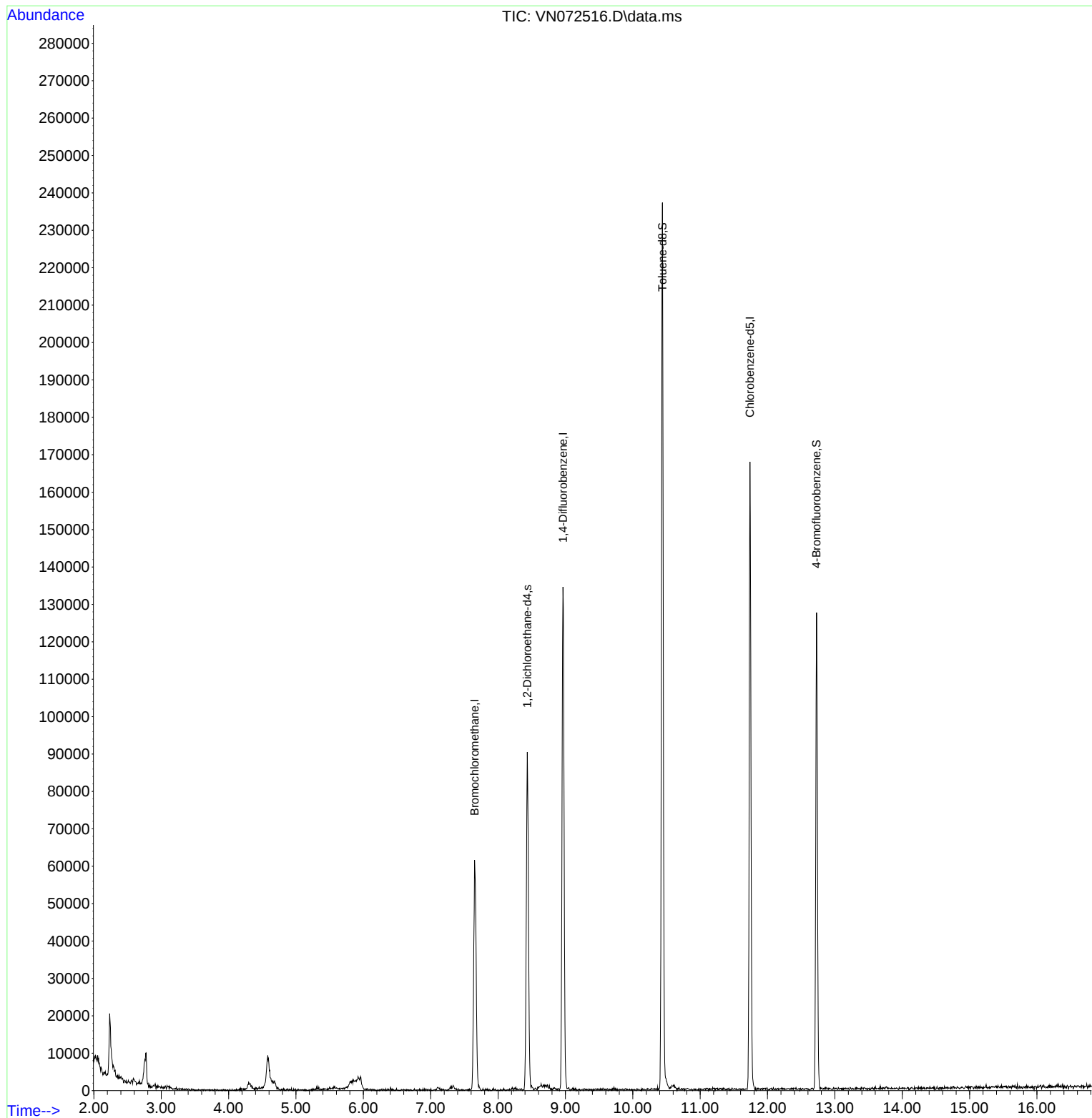
Target Compounds	Qvalue

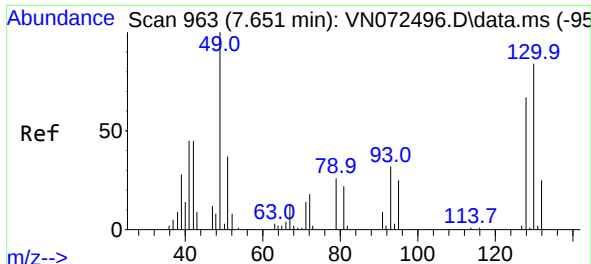
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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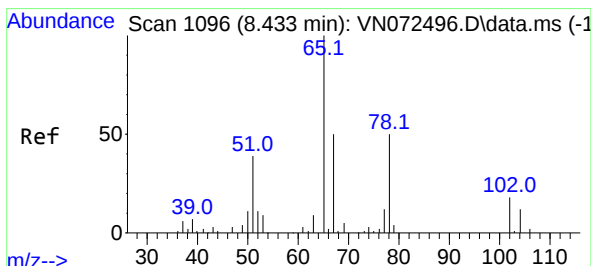
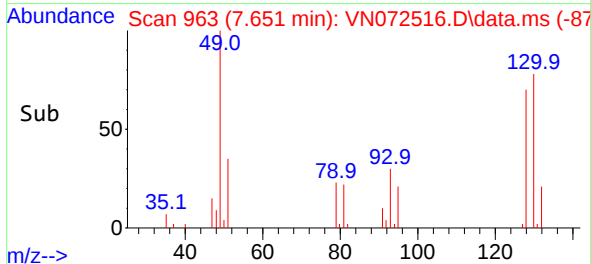
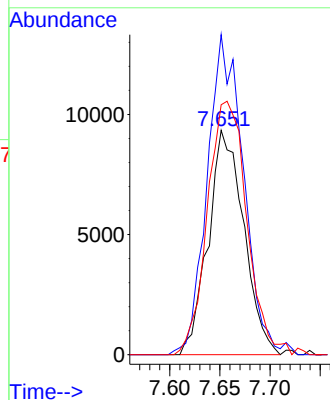
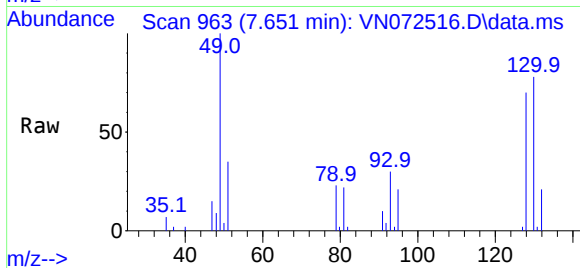




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072516.D
Acq: 16 May 2022 21:22

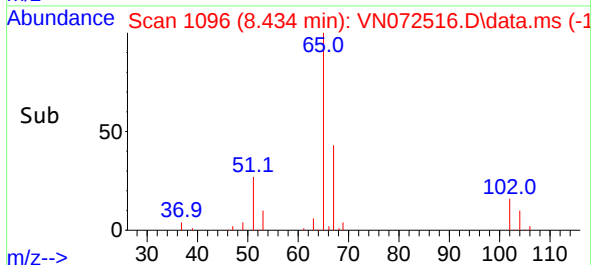
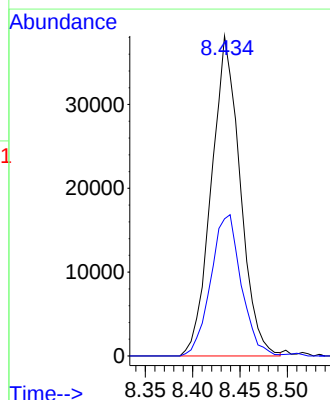
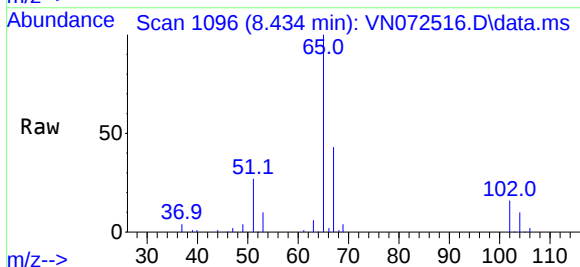
Instrument :
MSVOA_N
ClientSampleId :
FEDUP

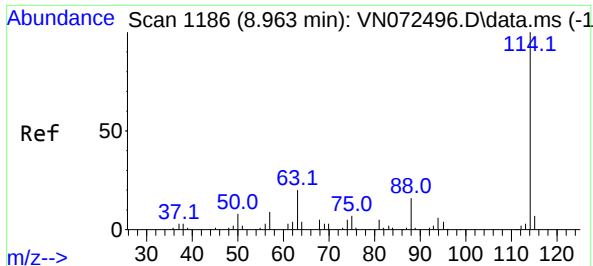
Tgt Ion:128 Resp: 23035
Ion Ratio Lower Upper
128 100
49 144.3 0.0 392.3
130 123.6 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.137 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072516.D
Acq: 16 May 2022 21:22

Tgt Ion: 65 Resp: 80707
Ion Ratio Lower Upper
65 100
67 46.8 40.2 60.2

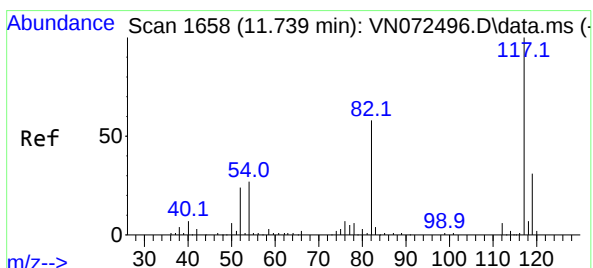
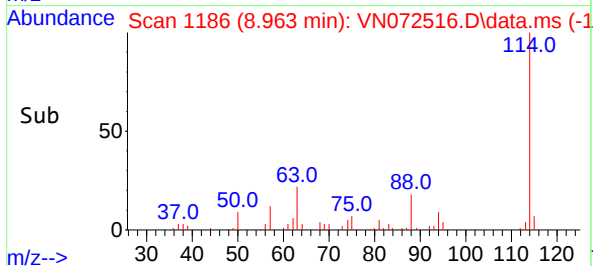
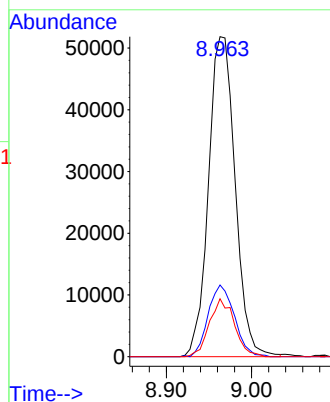
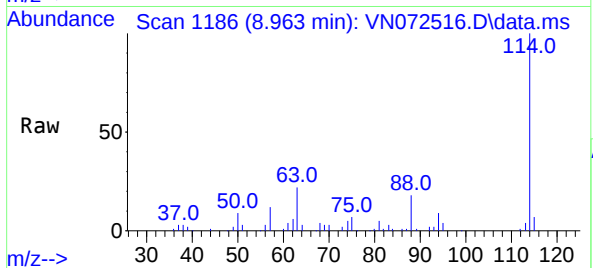




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072516.D
Acq: 16 May 2022 21:22

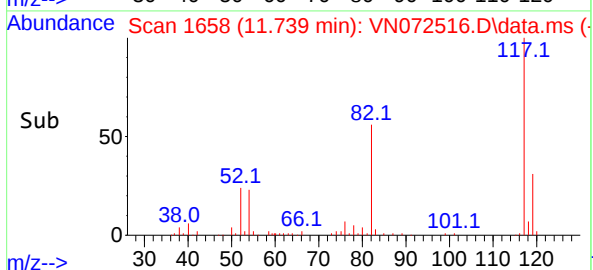
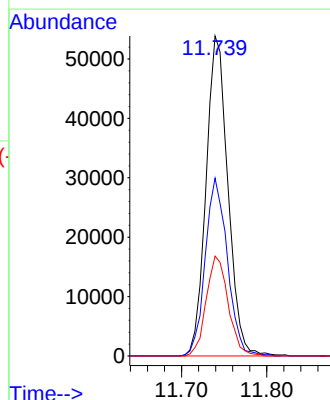
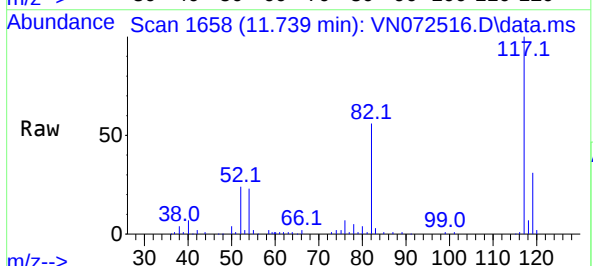
Instrument :
MSVOA_N
ClientSampleId :
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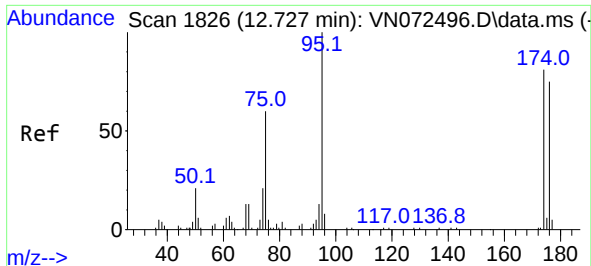
Tgt Ion:114 Resp: 112541
Ion Ratio Lower Upper
114 100
63 22.0 15.8 23.6
88 17.1 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072516.D
Acq: 16 May 2022 21:22

Tgt Ion:117 Resp: 96333
Ion Ratio Lower Upper
117 100
82 55.8 43.6 65.4
119 31.4 25.8 38.6

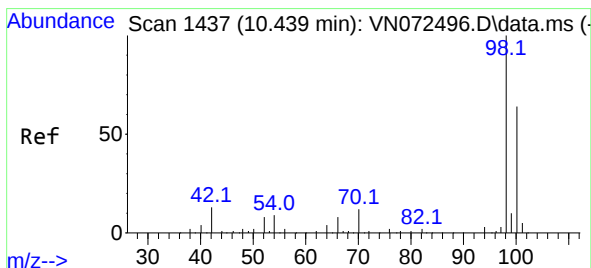
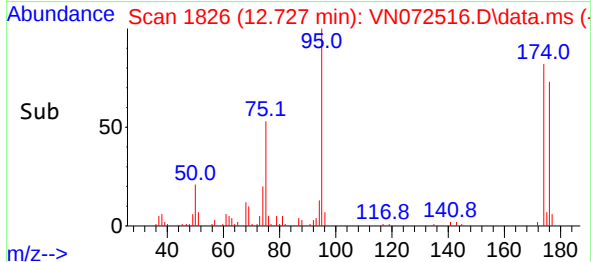
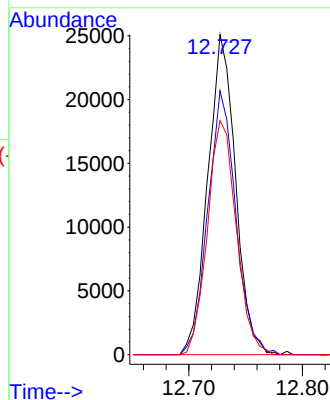
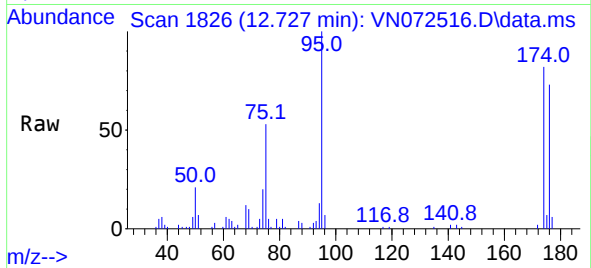




#60
4-Bromofluorobenzene
Concen: 22.669 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072516.D
Acq: 16 May 2022 21:22

Instrument :
MSVOA_N
ClientSampleId :
FEDUP

Tgt Ion: 95 Resp: 42640
Ion Ratio Lower Upper
95 100
174 82.8 62.9 94.3
176 75.9 61.0 91.4



#63
Toluene-d8
Concen: 30.519 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072516.D
Acq: 16 May 2022 21:22

Tgt Ion: 98 Resp: 160486
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

