

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071565.D
 Acq On : 26 Mar 2022 10:48
 Operator : JC\MD
 Sample : VN0326WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBL01

Quant Time: Mar 28 01:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 28 01:40:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	112969	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	606954	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	508926	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	244889	30.768	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.567%
60) 4-Bromofluorobenzene	12.727	95	172905	22.913	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.367%
63) Toluene-d8	10.439	98	705970	30.558	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.867%

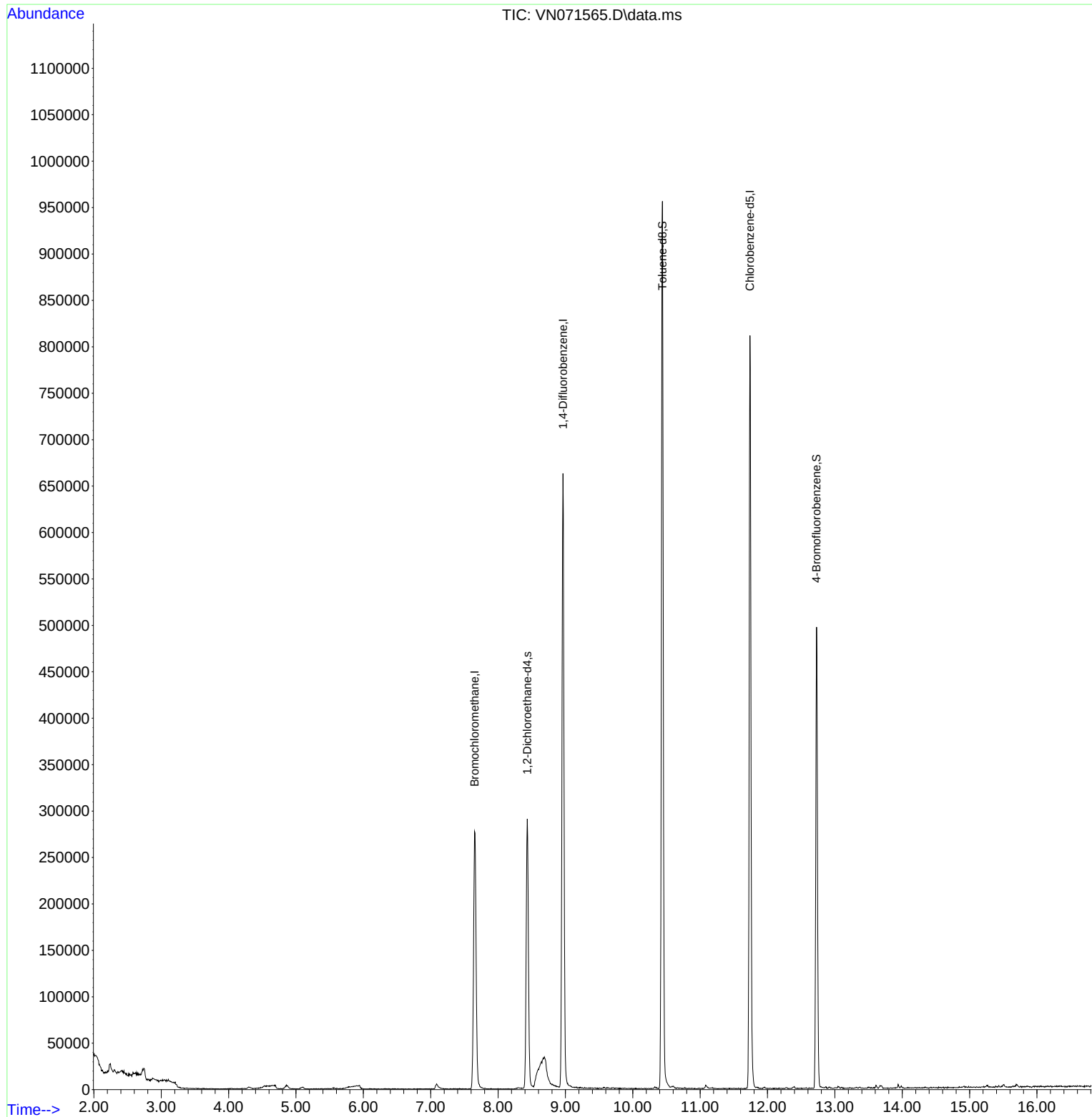
Target Compounds	Qvalue

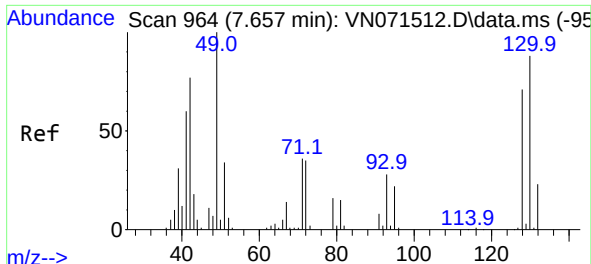
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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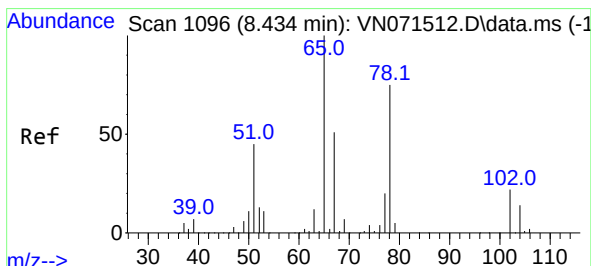
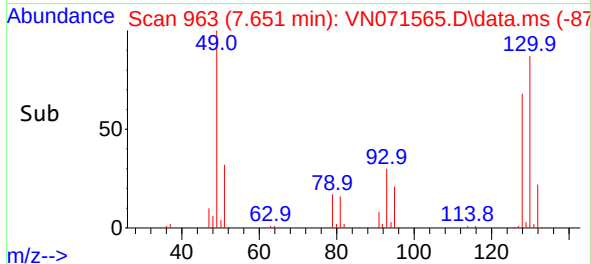
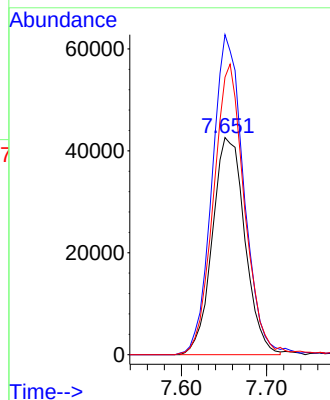
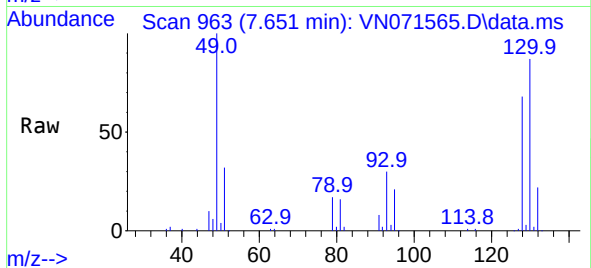




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

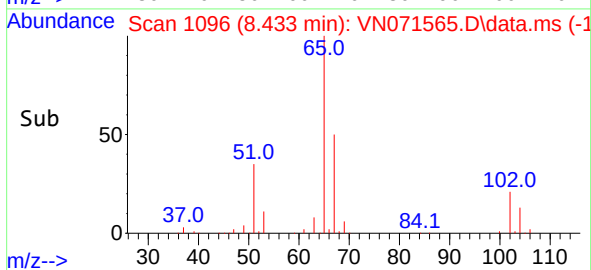
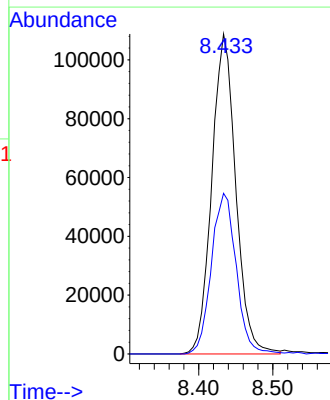
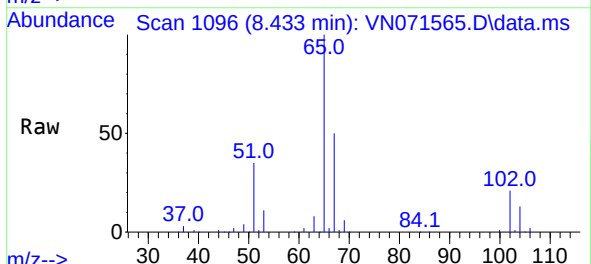
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

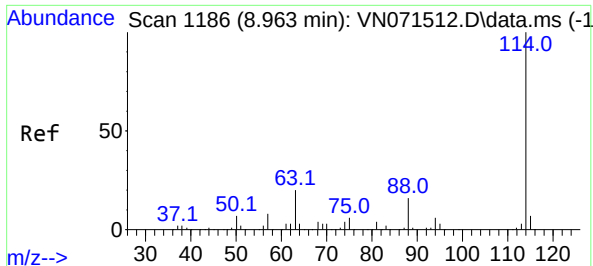
Tgt Ion:128 Resp: 112969
Ion Ratio Lower Upper
128 100
49 143.5 0.0 392.3
130 127.3 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.768 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 65 Resp: 244889
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2

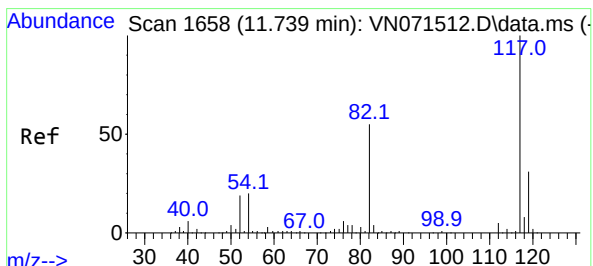
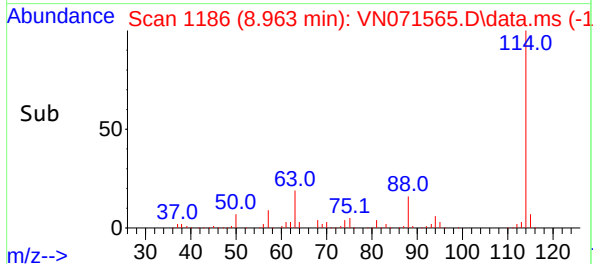
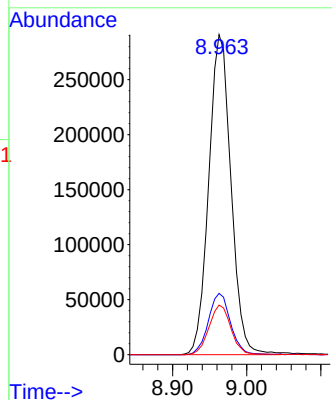
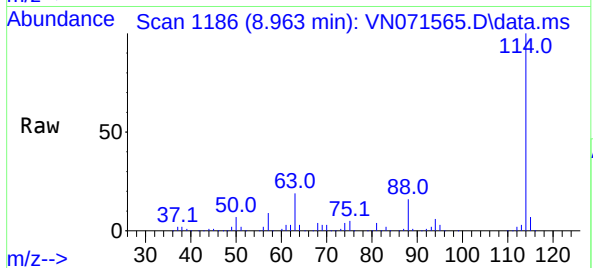




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

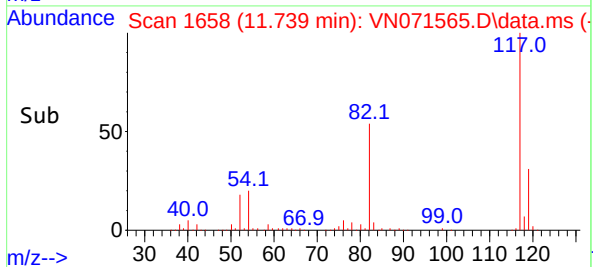
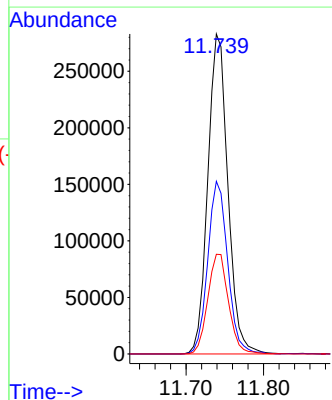
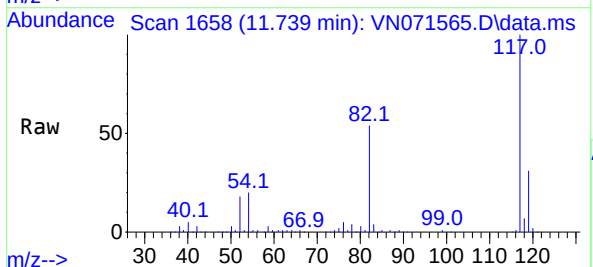
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

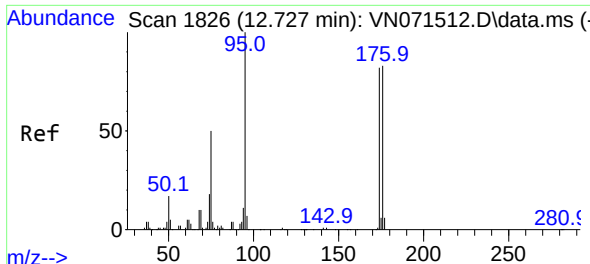
Tgt Ion:114 Resp: 606954
Ion Ratio Lower Upper
114 100
63 19.1 15.8 23.6
88 15.4 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion:117 Resp: 508926
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.2 25.8 38.6

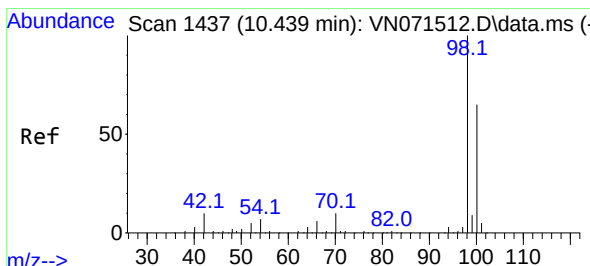
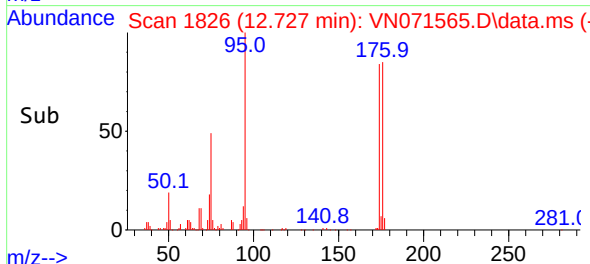
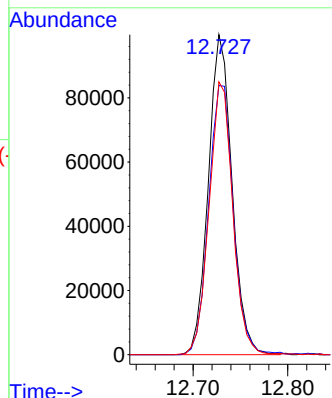
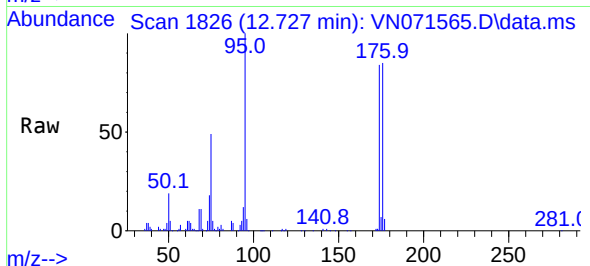




#60
4-Bromofluorobenzene
Concen: 22.913 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBL01

Tgt Ion: 95 Resp: 172905
Ion Ratio Lower Upper
95 100
174 87.7 62.9 94.3
176 85.0 61.0 91.4



#63
Toluene-d8
Concen: 30.558 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071565.D
Acq: 26 Mar 2022 10:48

Tgt Ion: 98 Resp: 705970
Ion Ratio Lower Upper
98 100
100 64.1 50.6 76.0

