

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074643.D
 Acq On : 28 Sep 2022 12:32
 Operator : JC\MD
 Sample : VN0928WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBL01

Quant Time: Sep 28 18:17:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.492	128	105109	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	633945	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	505669	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.292	65	307422	31.019	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.400%
60) 4-Bromofluorobenzene	12.610	95	232697	23.690	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.967%
63) Toluene-d8	10.310	98	921921	32.323	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.733%

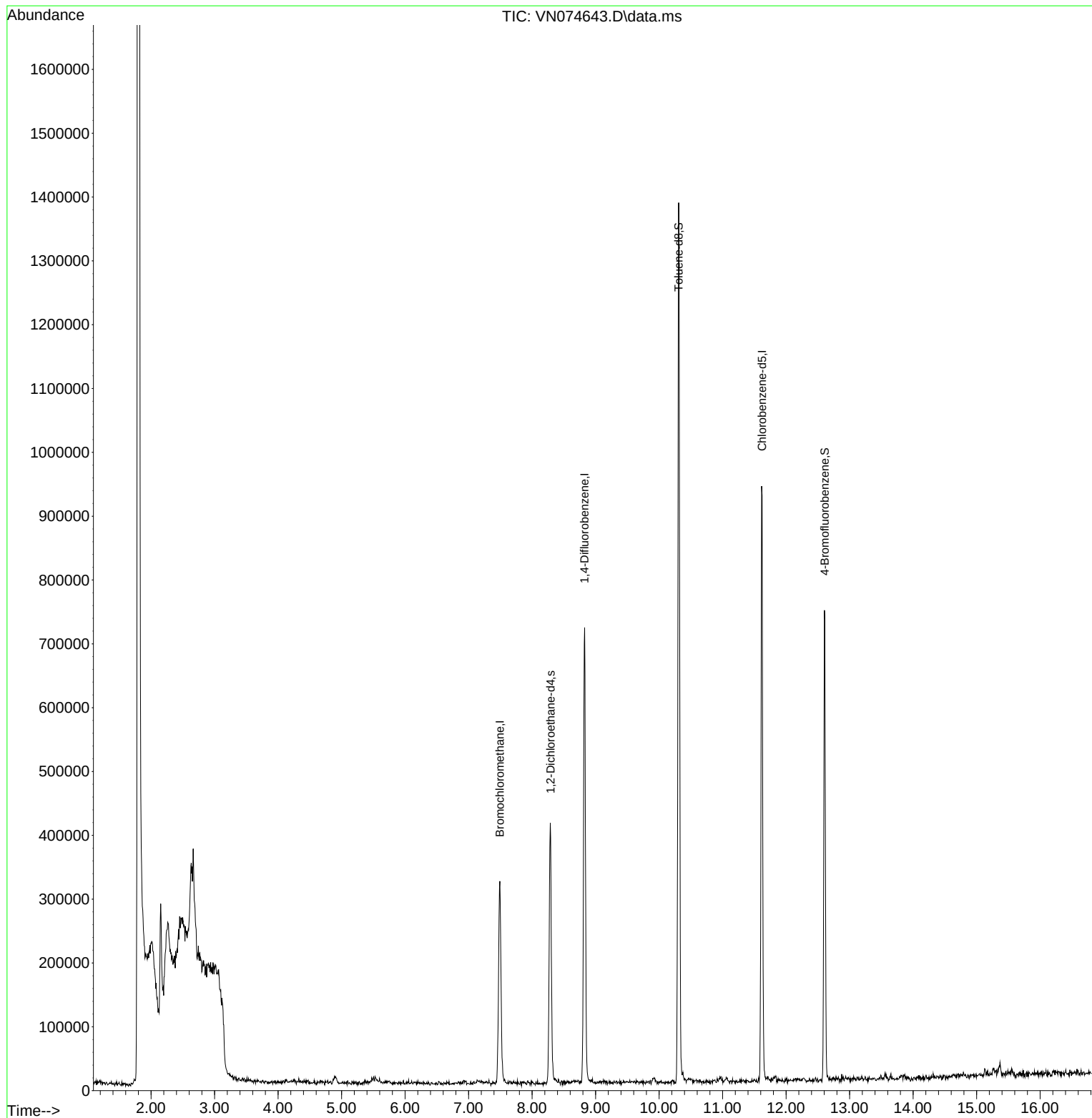
Target Compounds	Qvalue

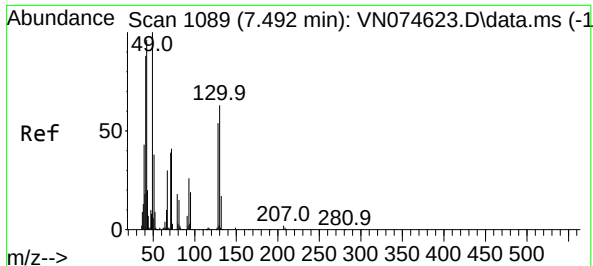
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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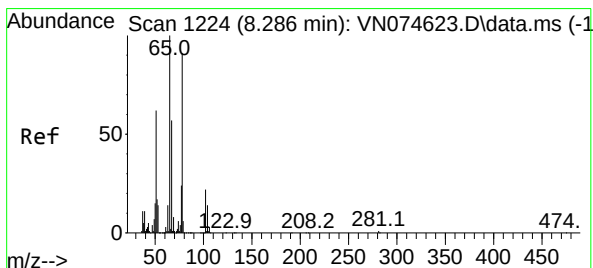
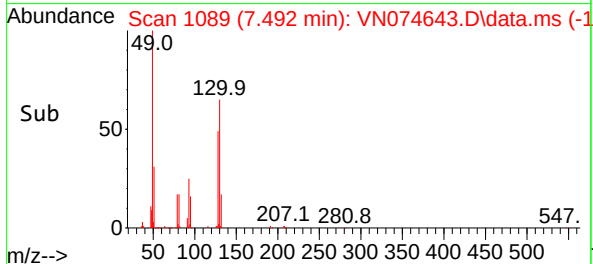
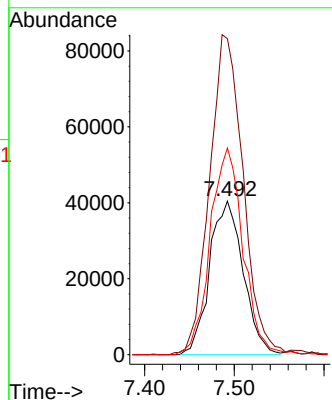
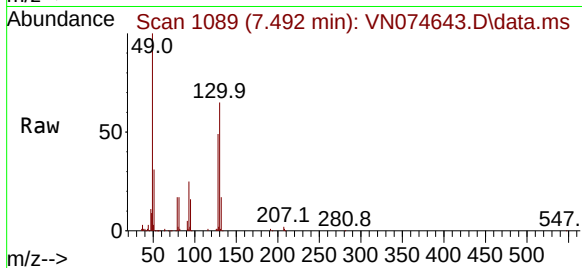




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

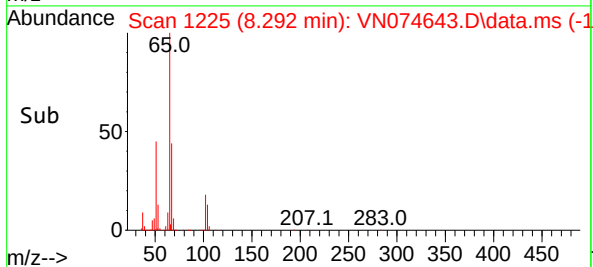
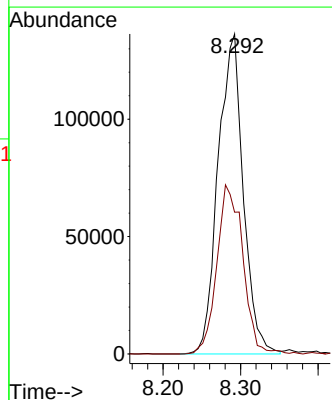
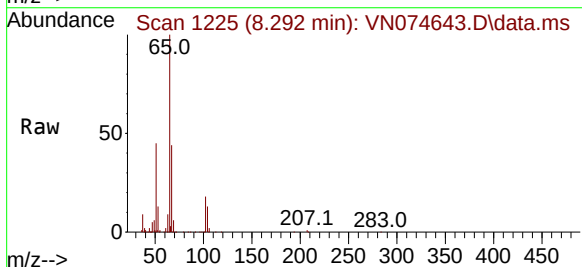
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

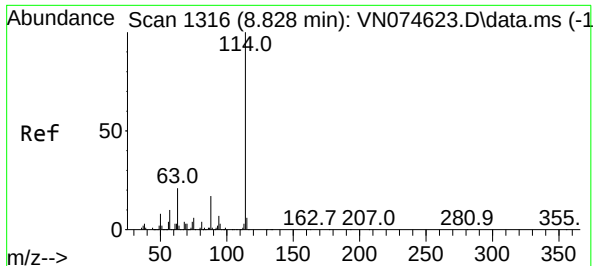
Tgt Ion:128 Resp: 105109
Ion Ratio Lower Upper
128 100
49 208.2 0.0 492.0
130 131.9 0.0 313.3



#27
1,2-Dichloroethane-d4
Concen: 31.019 ug/l
RT: 8.292 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion: 65 Resp: 307422
Ion Ratio Lower Upper
65 100
67 54.2 45.2 67.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.827 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN074643.D

Acq: 28 Sep 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBL01

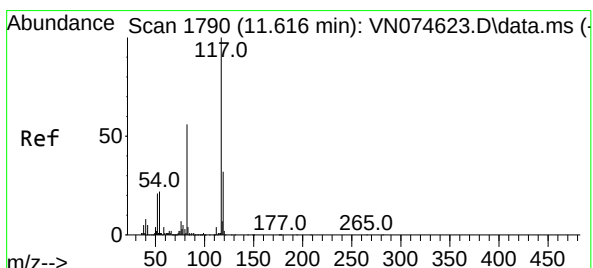
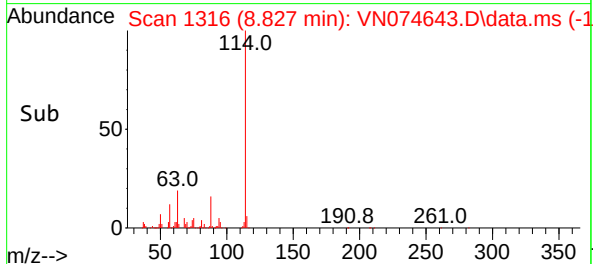
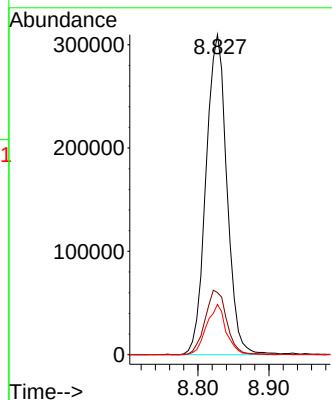
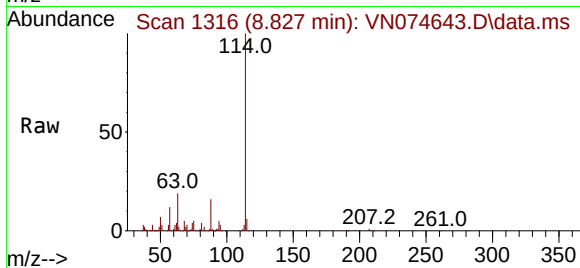
Tgt Ion:114 Resp: 633945

Ion Ratio Lower Upper

114 100

63 20.7 16.6 25.0

88 14.7 12.2 18.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.621 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VN074643.D

Acq: 28 Sep 2022 12:32

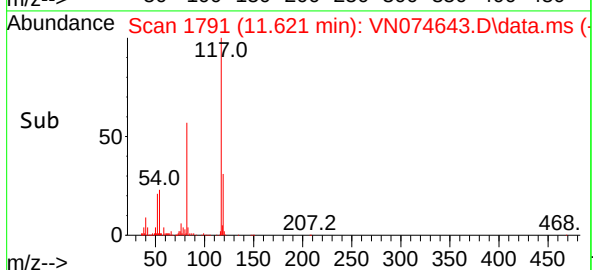
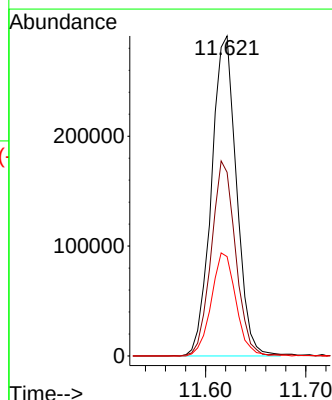
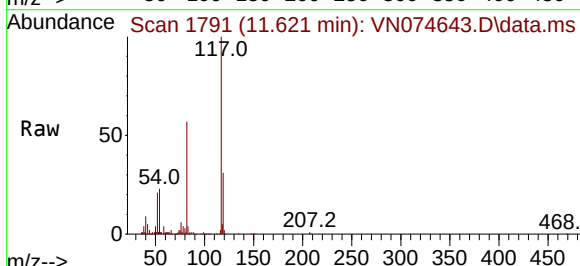
Tgt Ion:117 Resp: 505669

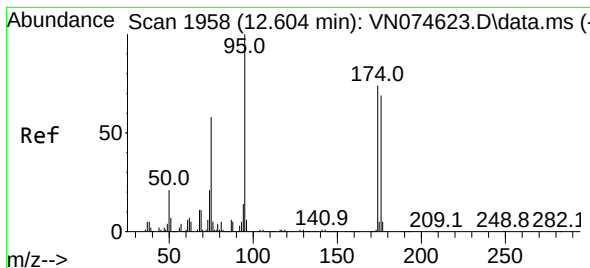
Ion Ratio Lower Upper

117 100

82 59.0 44.6 67.0

119 31.7 25.6 38.4

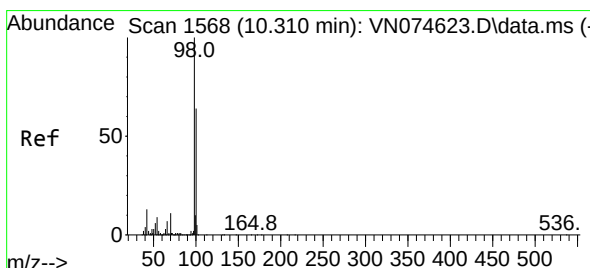
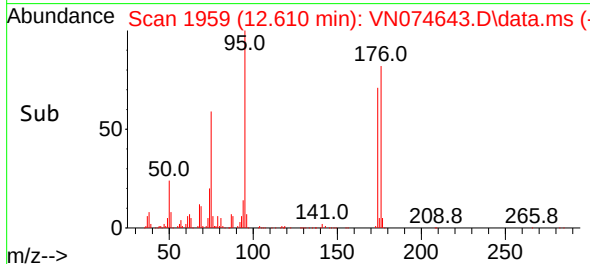
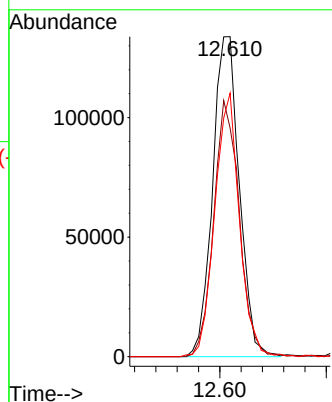
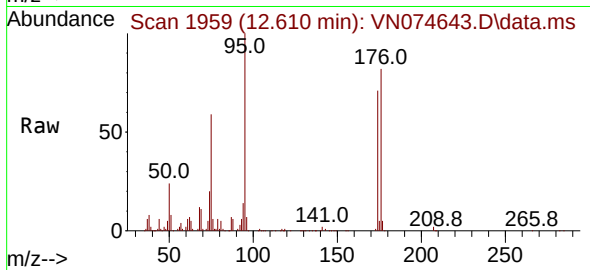




#60
4-Bromofluorobenzene
Concen: 23.690 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

Tgt Ion: 95 Resp: 232697
Ion Ratio Lower Upper
95 100
174 76.5 57.8 86.8
176 75.9 57.0 85.4



#63
Toluene-d8
Concen: 32.323 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074643.D
Acq: 28 Sep 2022 12:32

Tgt Ion: 98 Resp: 921921
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

