

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074633.D
 Acq On : 27 Sep 2022 17:41
 Operator : JC\MD
 Sample : N4742-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-05

Quant Time: Sep 28 08:06:15 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	7.498	128	105077	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	633870	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	532586	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.292	65	304090	30.692	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.300%
60) 4-Bromofluorobenzene	12.610	95	245358	23.717	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.067%
63) Toluene-d8	10.310	98	947746	31.549	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.167%

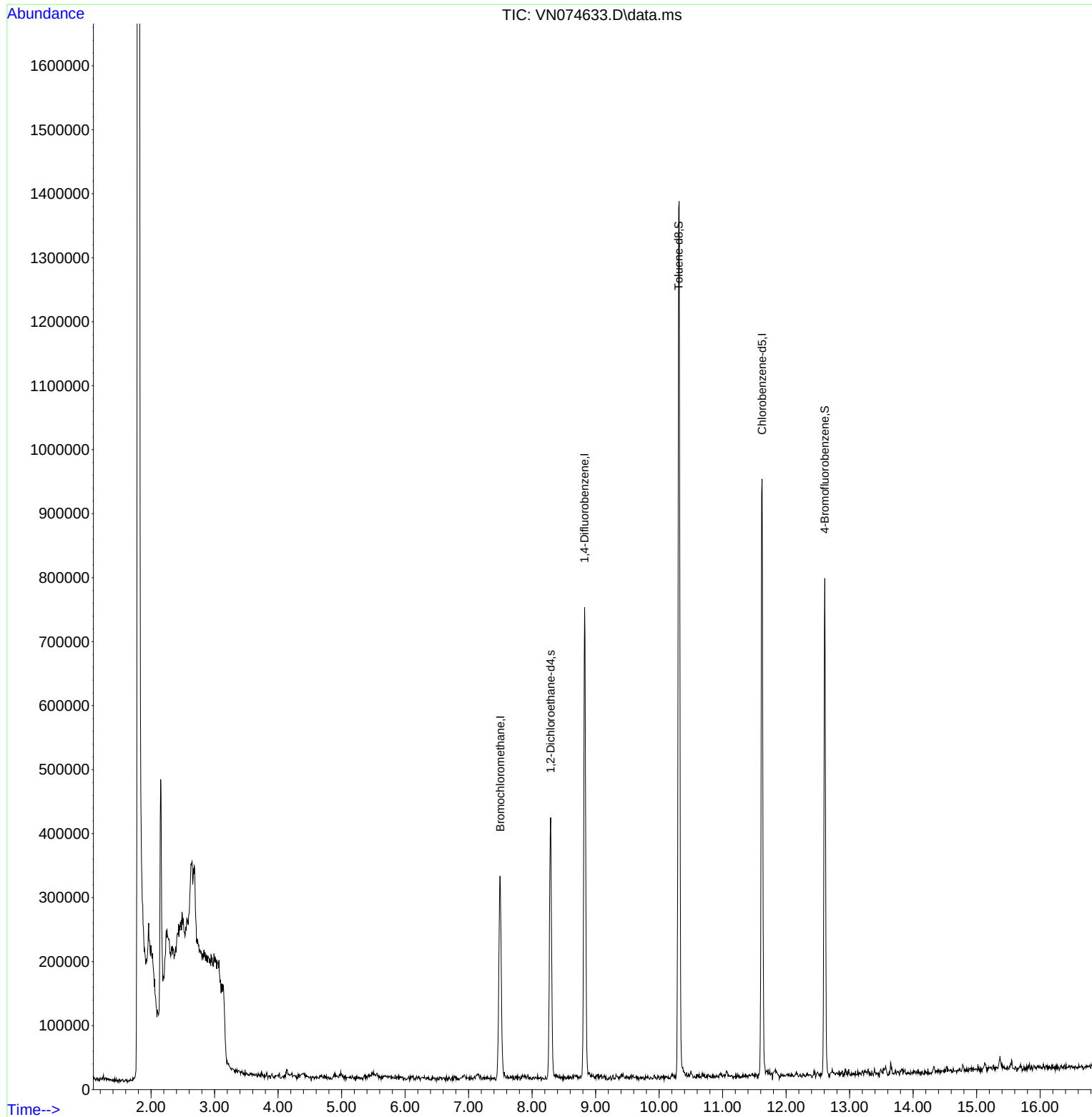
Target Compounds	Qvalue

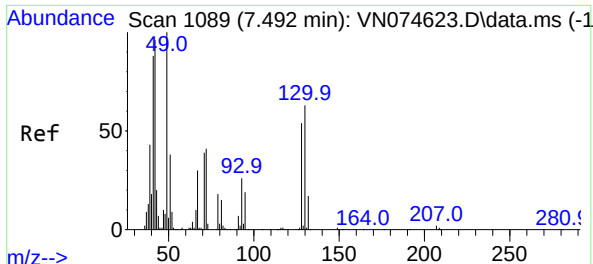
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.498 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN074633.D

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Instrument :

MSVOA_N

ClientSampleId :

TWP-05

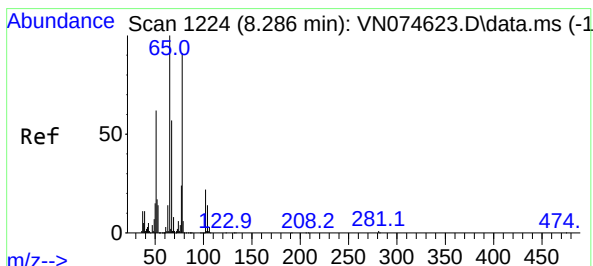
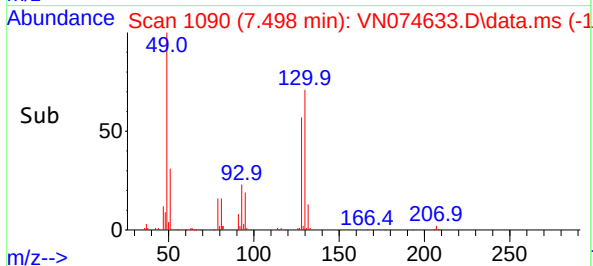
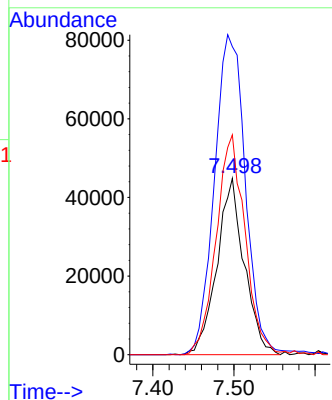
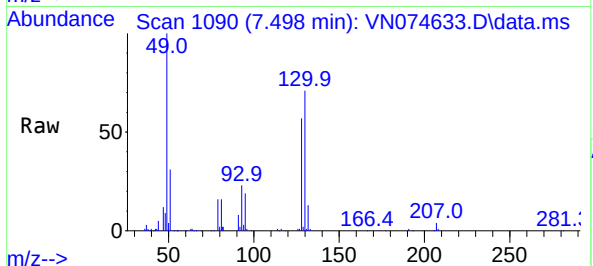
Tgt Ion:128 Resp: 105077

Ion Ratio Lower Upper

128 100

49 206.2 0.0 492.0

130 131.5 0.0 313.3



#27

1,2-Dichloroethane-d4

Concen: 30.692 ug/l

RT: 8.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VN074633.D

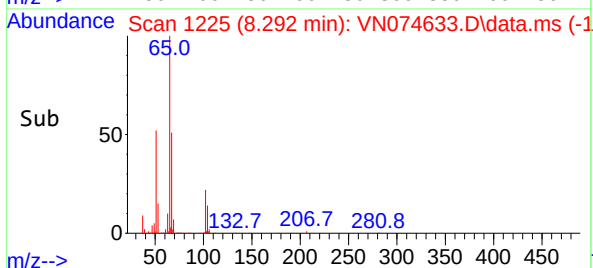
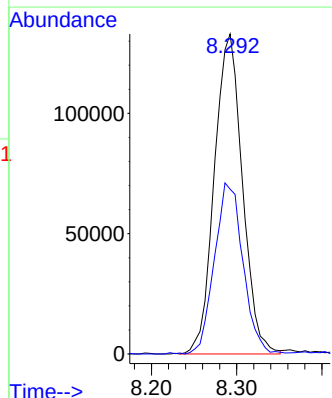
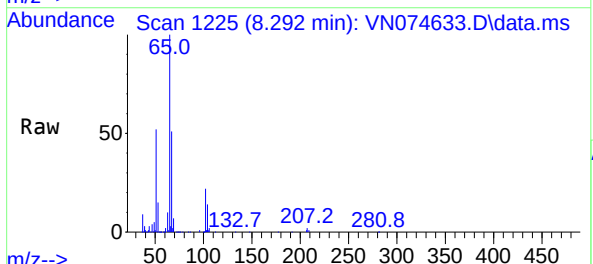
Acq: 27 Sep 2022 17:41

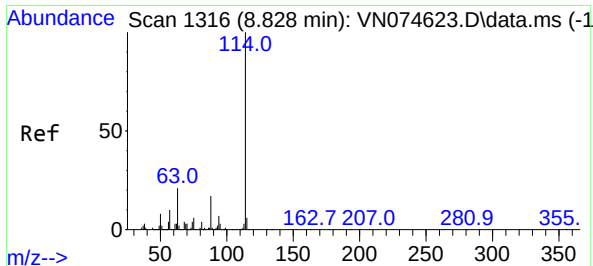
Tgt Ion: 65 Resp: 304090

Ion Ratio Lower Upper

65 100

67 54.0 45.2 67.8

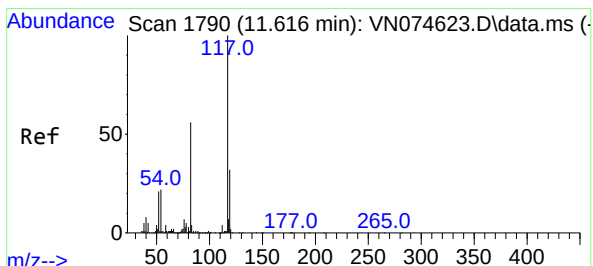
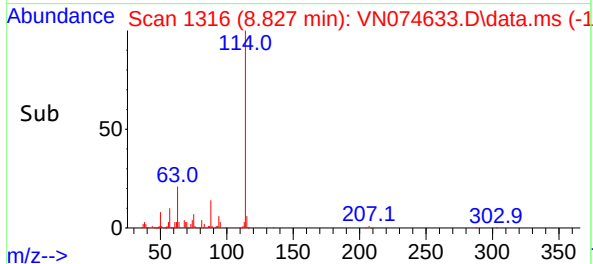
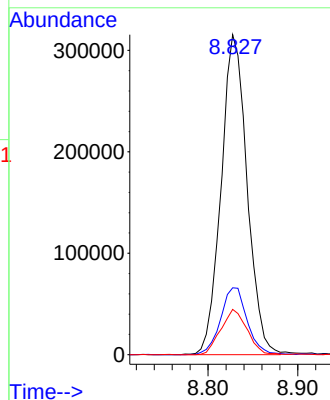
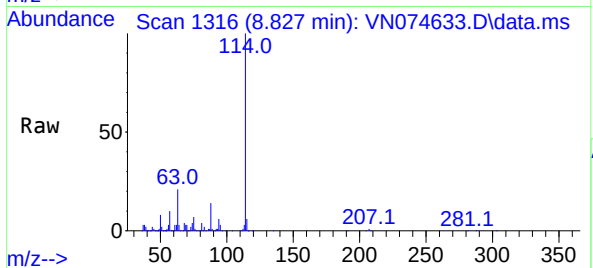




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074633.D
Acq: 27 Sep 2022 17:41

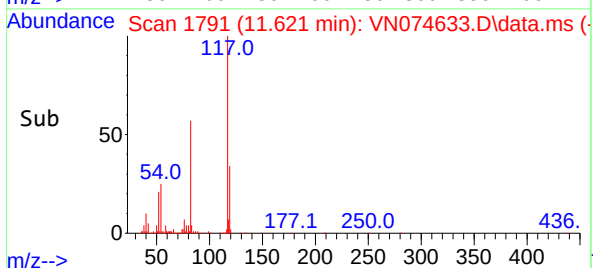
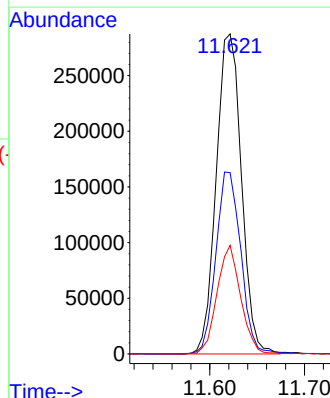
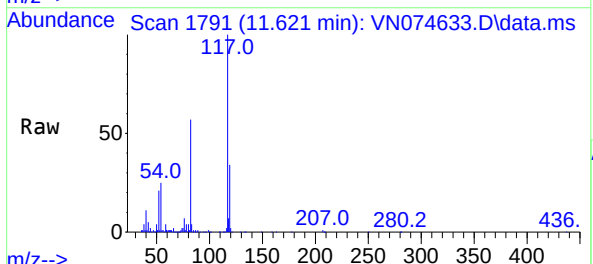
Instrument :
MSVOA_N
ClientSampleId :
TWP-05

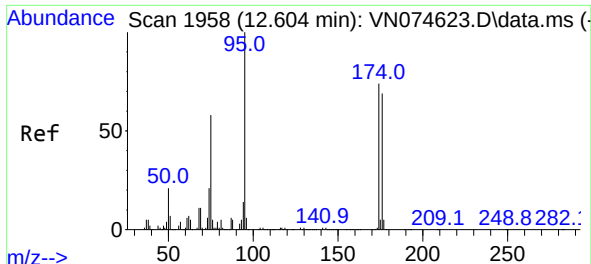
Tgt Ion:114 Resp: 633870
Ion Ratio Lower Upper
114 100
63 21.5 16.6 25.0
88 14.2 12.2 18.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074633.D
Acq: 27 Sep 2022 17:41

Tgt Ion:117 Resp: 532586
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 31.7 25.6 38.4

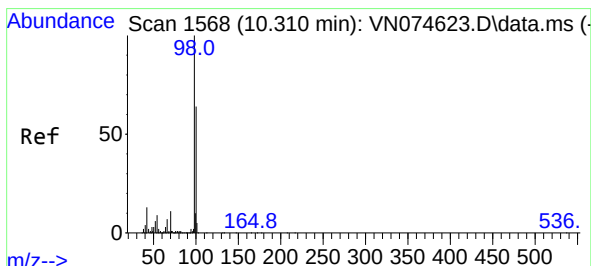
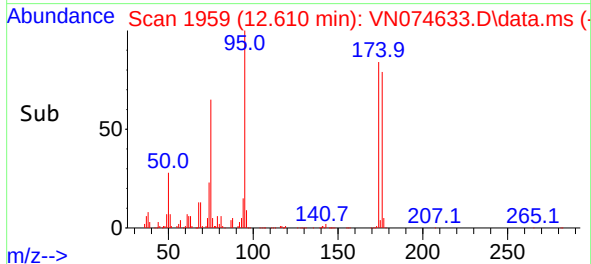
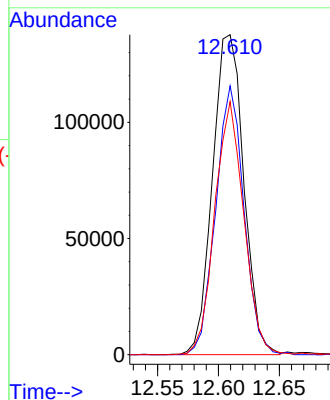
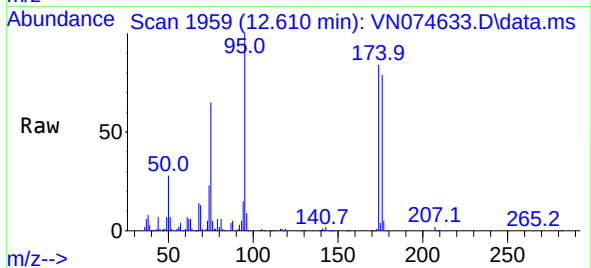




#60
4-Bromofluorobenzene
Concen: 23.717 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074633.D
Acq: 27 Sep 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :
TWP-05

Tgt Ion: 95 Resp: 245358
Ion Ratio Lower Upper
95 100
174 76.1 57.8 86.8
176 73.5 57.0 85.4



#63
Toluene-d8
Concen: 31.549 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074633.D
Acq: 27 Sep 2022 17:41

Tgt Ion: 98 Resp: 947746
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

