

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074634.D
 Acq On : 27 Sep 2022 18:05
 Operator : JC\MD
 Sample : N4742-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-14

Quant Time: Sep 28 08:06:36 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	62102	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	623087	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	509450	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.292	65	310311	52.994	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	176.633%#
60) 4-Bromofluorobenzene	12.610	95	243152	24.571	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.900%
63) Toluene-d8	10.310	98	923508	32.138	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.133%

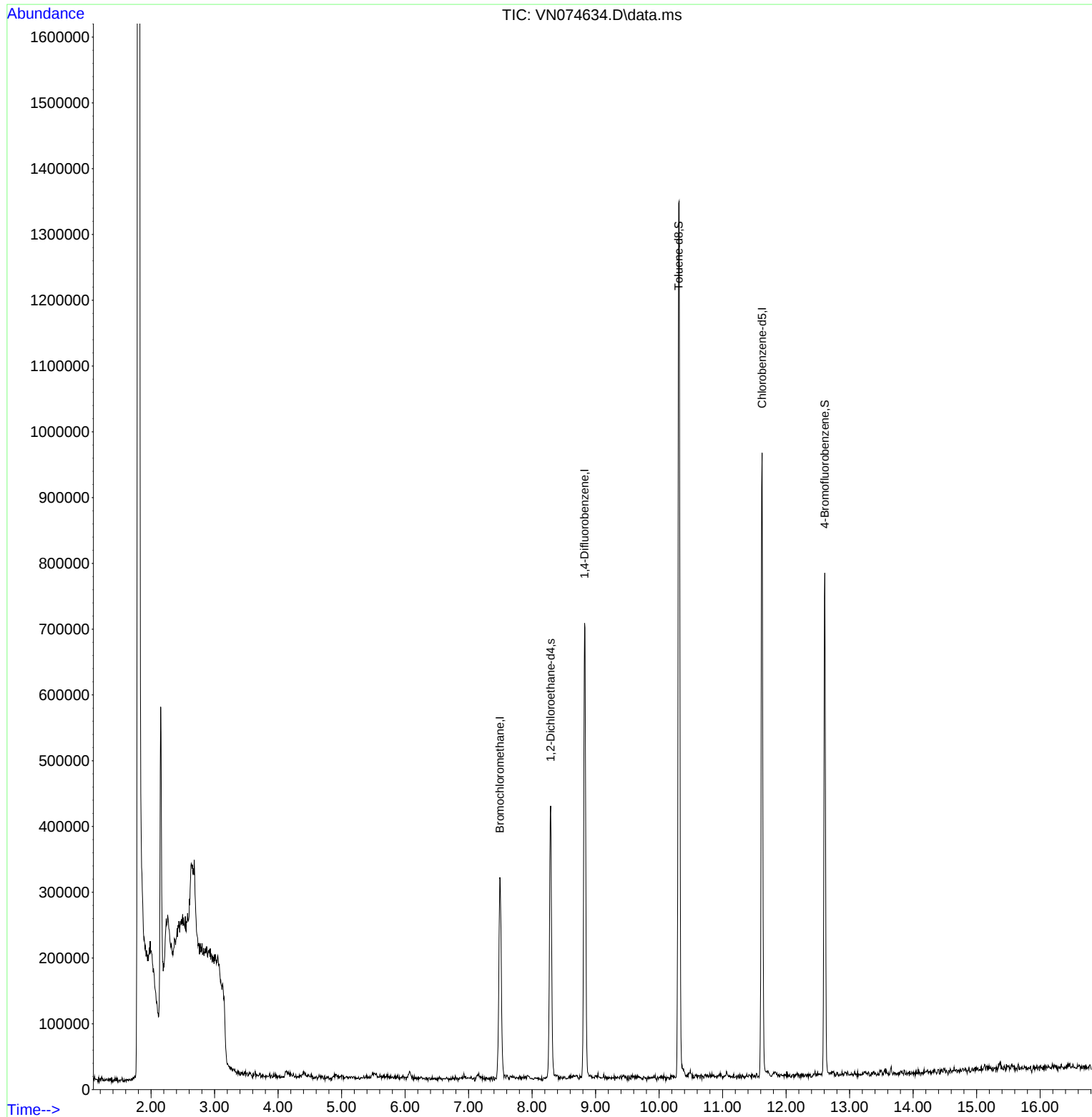
Target Compounds	Qvalue

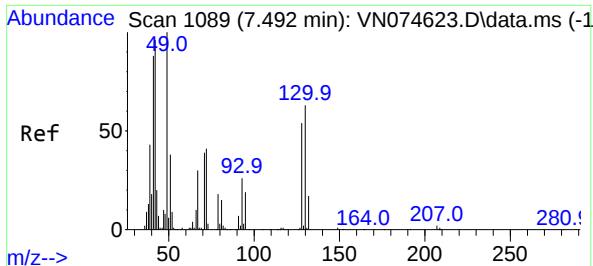
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN074634.D

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Instrument :

MSVOA_N

ClientSampleId :

TWP-14

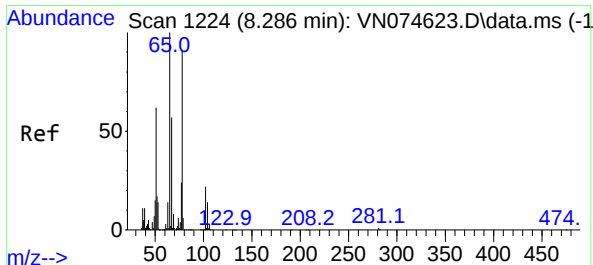
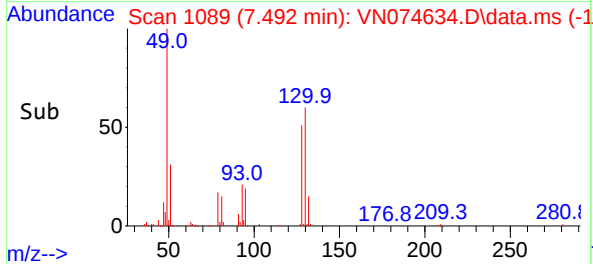
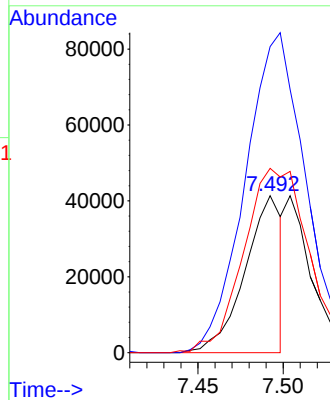
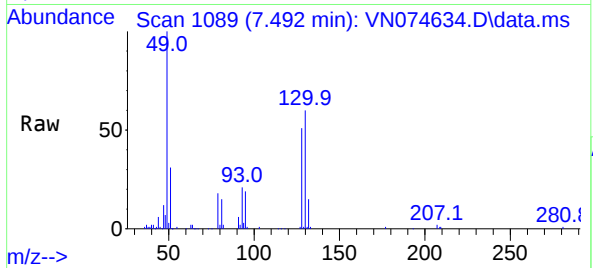
Tgt Ion:128 Resp: 62102

Ion Ratio Lower Upper

128 100

49 336.2 0.0 492.0

130 124.0 0.0 313.3



#27

1,2-Dichloroethane-d4

Concen: 52.994 ug/l

RT: 8.292 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VN074634.D

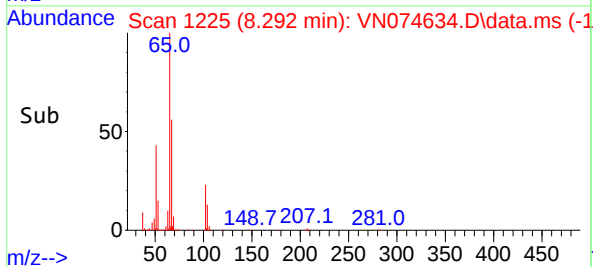
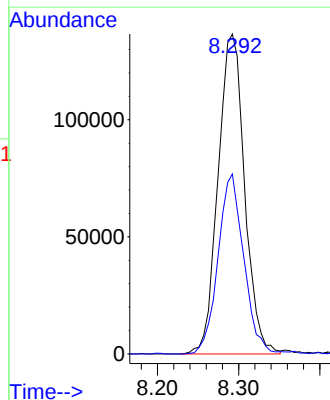
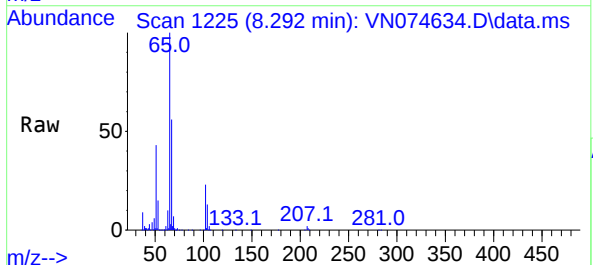
Acq: 27 Sep 2022 18:05

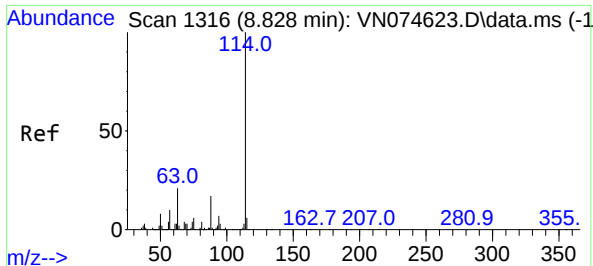
Tgt Ion: 65 Resp: 310311

Ion Ratio Lower Upper

65 100

67 54.4 45.2 67.8

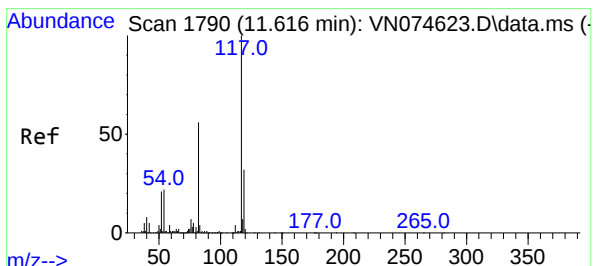
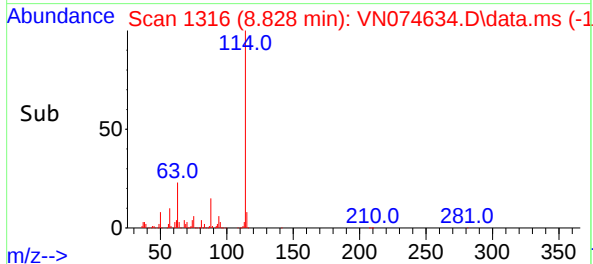
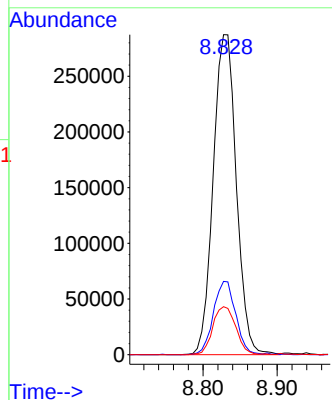
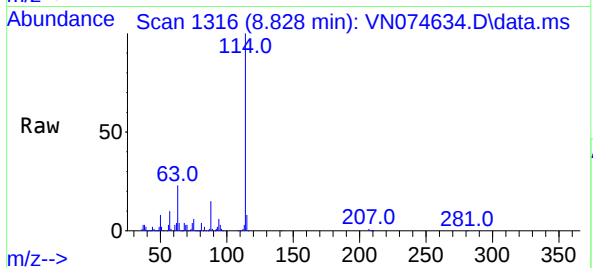




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

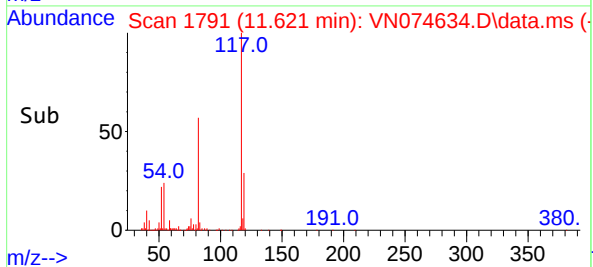
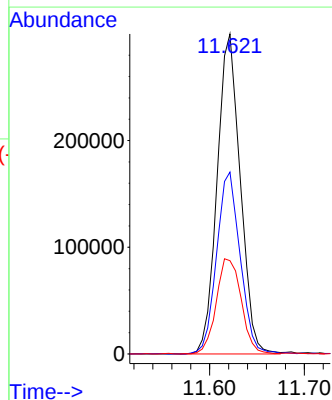
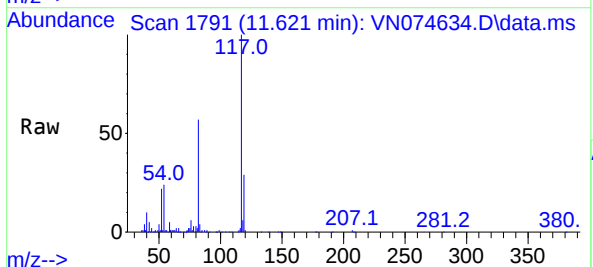
Instrument :
MSVOA_N
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TWP-14

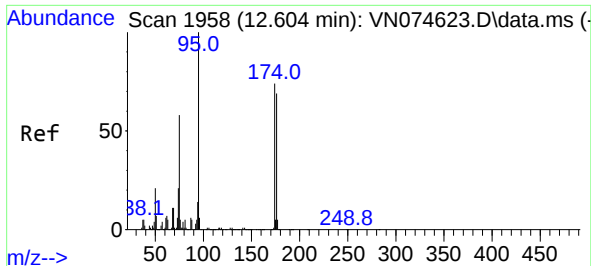
Tgt Ion:114 Resp: 623087
Ion Ratio Lower Upper
114 100
63 22.1 16.6 25.0
88 14.9 12.2 18.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion:117 Resp: 509450
Ion Ratio Lower Upper
117 100
82 57.9 44.6 67.0
119 32.1 25.6 38.4

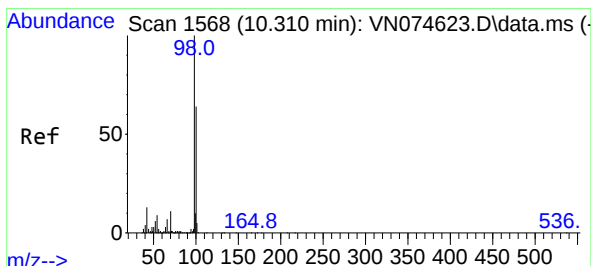
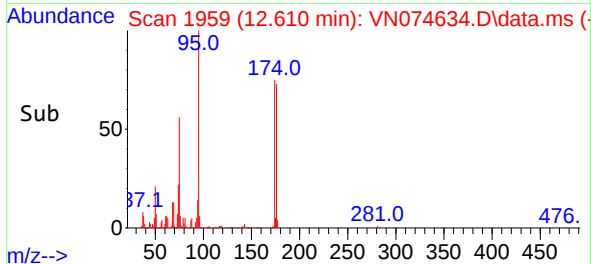
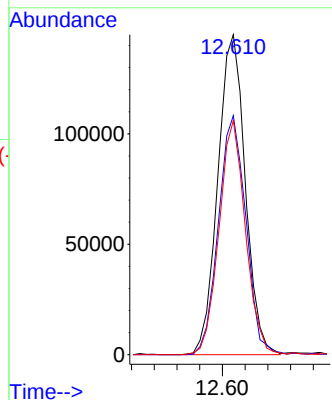
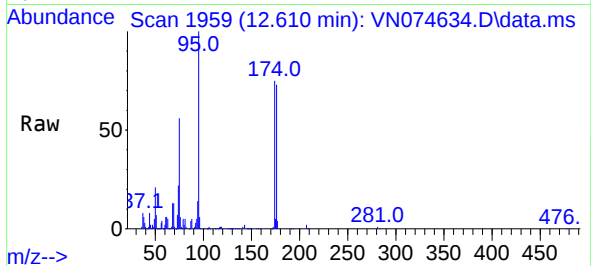




#60
4-Bromofluorobenzene
Concen: 24.571 ug/l
RT: 12.610 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
TWP-14

Tgt Ion: 95 Resp: 243152
Ion Ratio Lower Upper
95 100
174 74.4 57.8 86.8
176 70.3 57.0 85.4



#63
Toluene-d8
Concen: 32.138 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074634.D
Acq: 27 Sep 2022 18:05

Tgt Ion: 98 Resp: 923508
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

