

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077507.D
 Acq On : 28 Apr 2023 18:18
 Operator : JC\MD
 Sample : 02469-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-02

Quant Time: Apr 28 19:05:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	62240	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	441231	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	442976	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	166826	30.065	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.233%
60) 4-Bromofluorobenzene	12.854	95	205256	26.448	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.167%
63) Toluene-d8	10.572	98	477615	30.598	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.000%

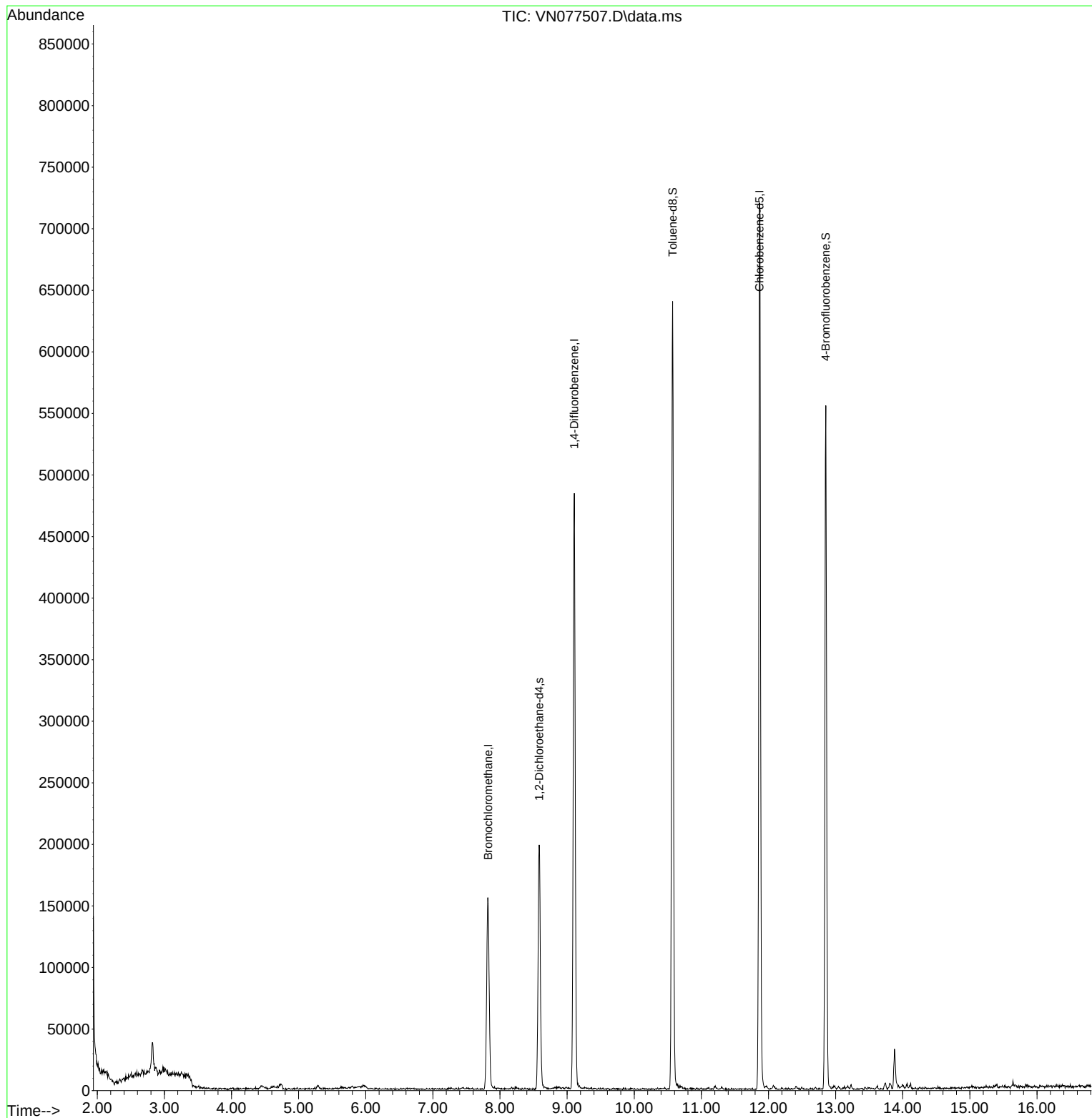
Target Compounds	Qvalue

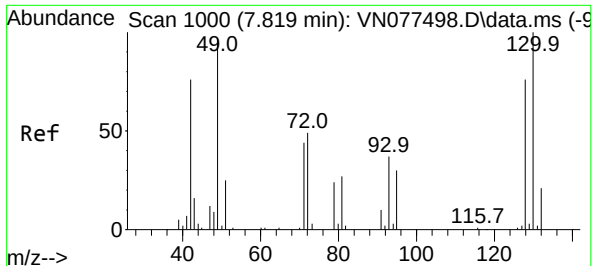
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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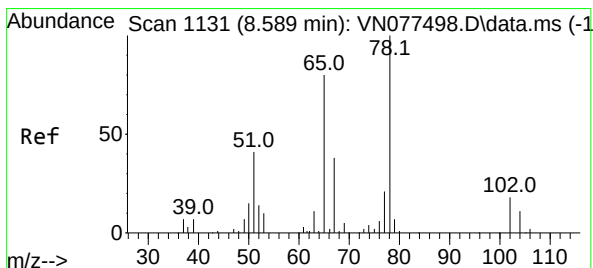
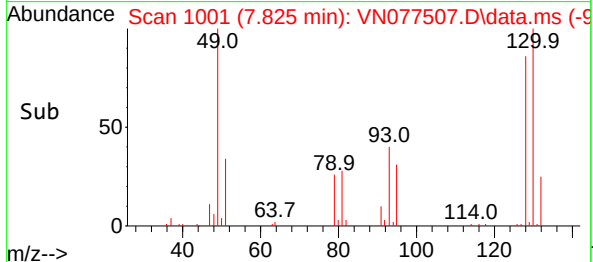
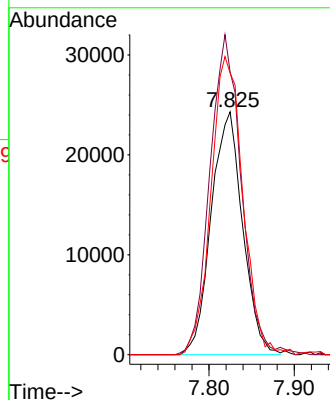
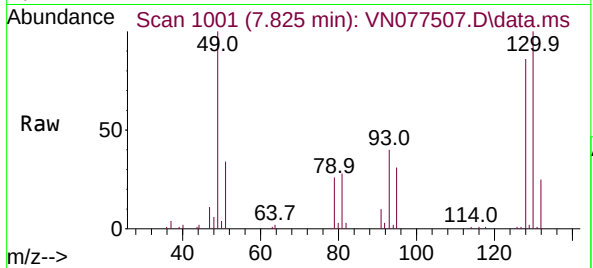




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN077507.D
Acq: 28 Apr 2023 18:18

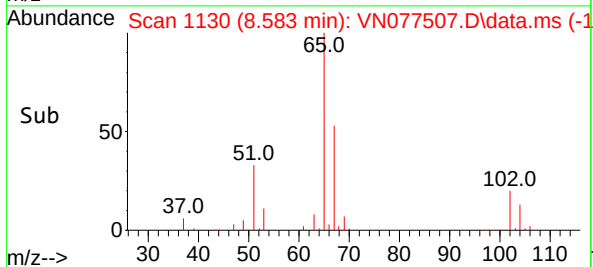
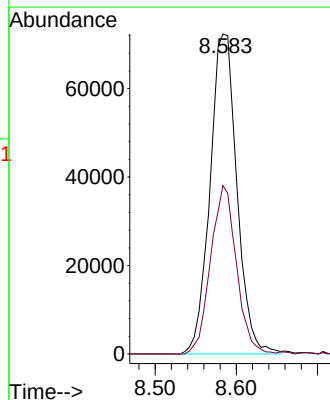
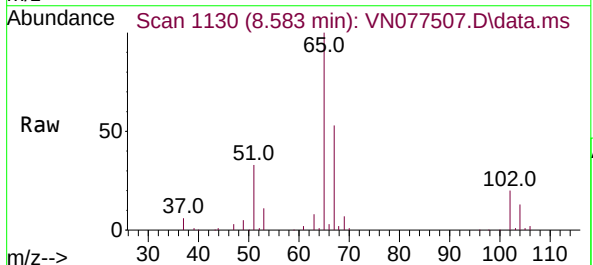
Instrument :
MSVOA_N
ClientSampleId :
TWP-02

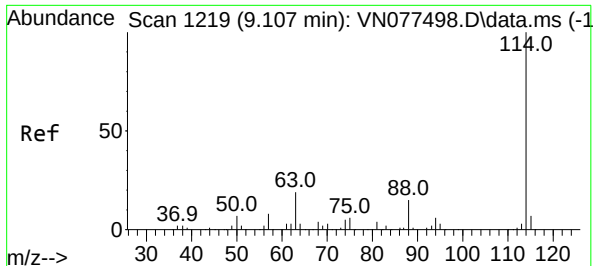
Tgt Ion:128 Resp: 62240
Ion Ratio Lower Upper
128 100
49 130.7 0.0 338.5
130 124.2 0.0 326.3



#27
1,2-Dichloroethane-d4
Concen: 30.065 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN077507.D
Acq: 28 Apr 2023 18:18

Tgt Ion: 65 Resp: 166826
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077507.D

Acq: 28 Apr 2023 18:18

Instrument :

MSVOA_N

ClientSampleId :

TWP-02

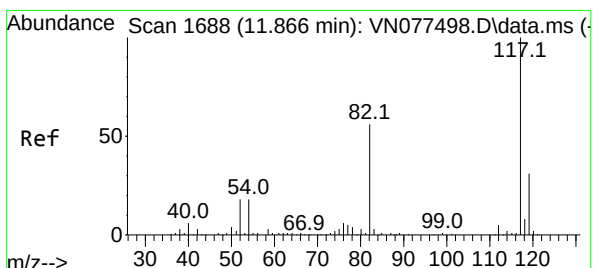
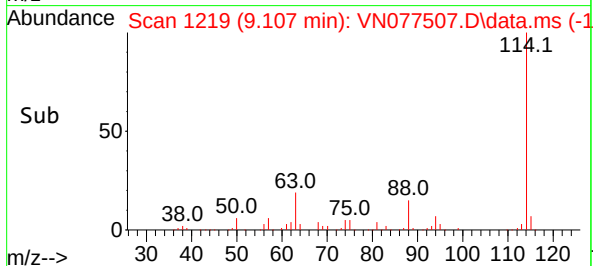
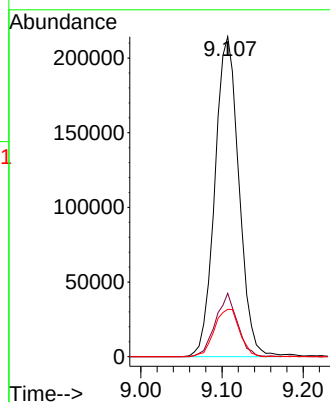
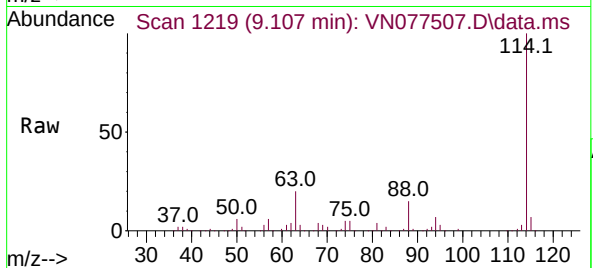
Tgt Ion:114 Resp: 441231

Ion Ratio Lower Upper

114 100

63 18.0 14.1 21.1

88 15.6 12.3 18.5



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VN077507.D

Acq: 28 Apr 2023 18:18

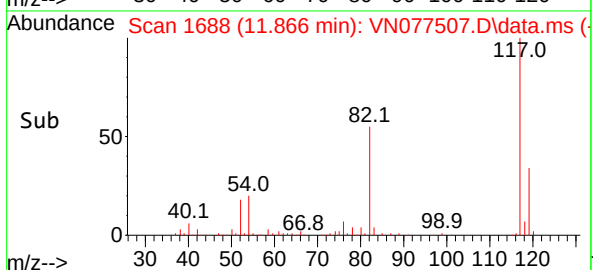
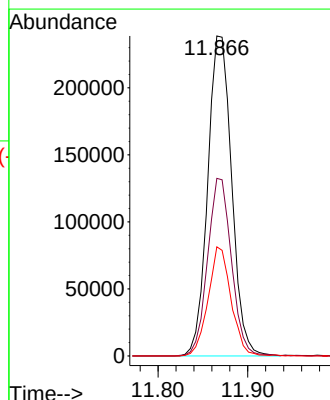
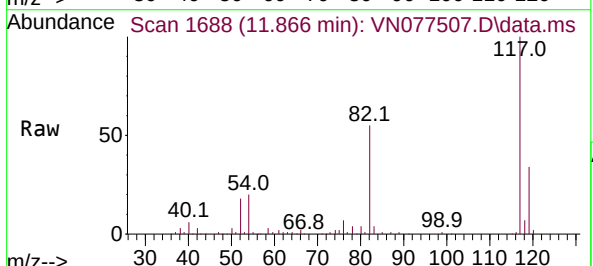
Tgt Ion:117 Resp: 442976

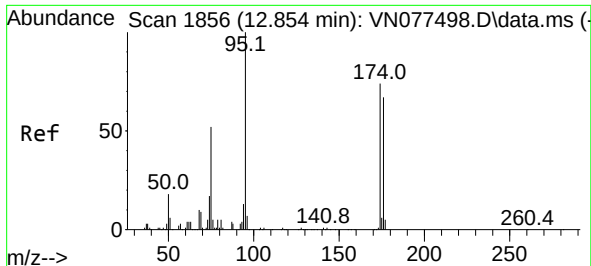
Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

119 32.6 25.4 38.2

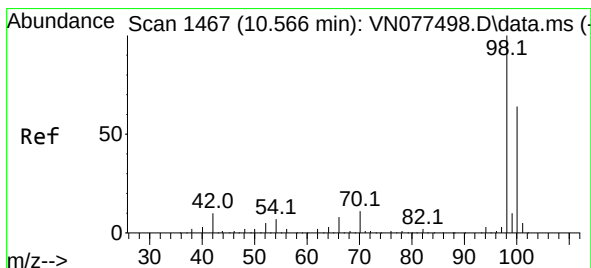
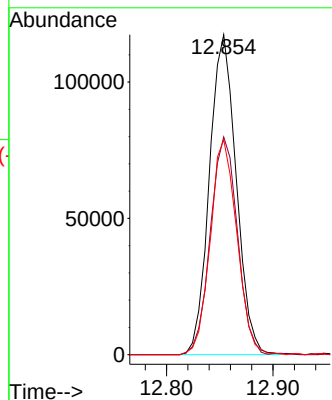
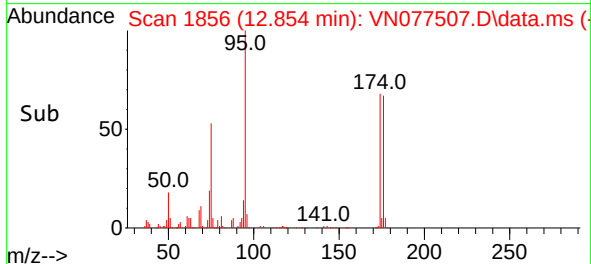
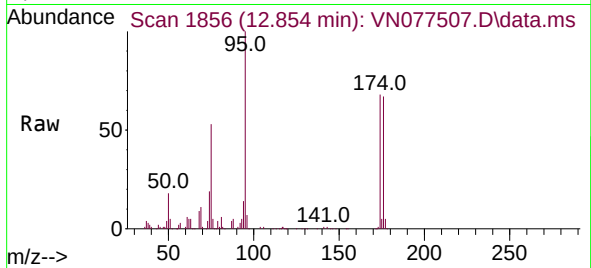




#60
4-Bromofluorobenzene
Concen: 26.448 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077507.D
Acq: 28 Apr 2023 18:18

Instrument :
MSVOA_N
ClientSampleId :
TWP-02

Tgt Ion: 95 Resp: 205256
Ion Ratio Lower Upper
95 100
174 68.7 55.9 83.9
176 66.8 53.9 80.9



#63
Toluene-d8
Concen: 30.598 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077507.D
Acq: 28 Apr 2023 18:18

Tgt Ion: 98 Resp: 477615
Ion Ratio Lower Upper
98 100
100 64.9 51.0 76.4

