

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077287.D
 Acq On : 10 Apr 2023 11:35
 Operator : JC\MD
 Sample : VN0410WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBL01

Quant Time: Apr 11 01:22:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	56079	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	416164	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	415101	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	139199	29.268	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.567%
60) 4-Bromofluorobenzene	12.848	95	198334	27.632	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.100%
63) Toluene-d8	10.566	98	449787	30.823	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.733%

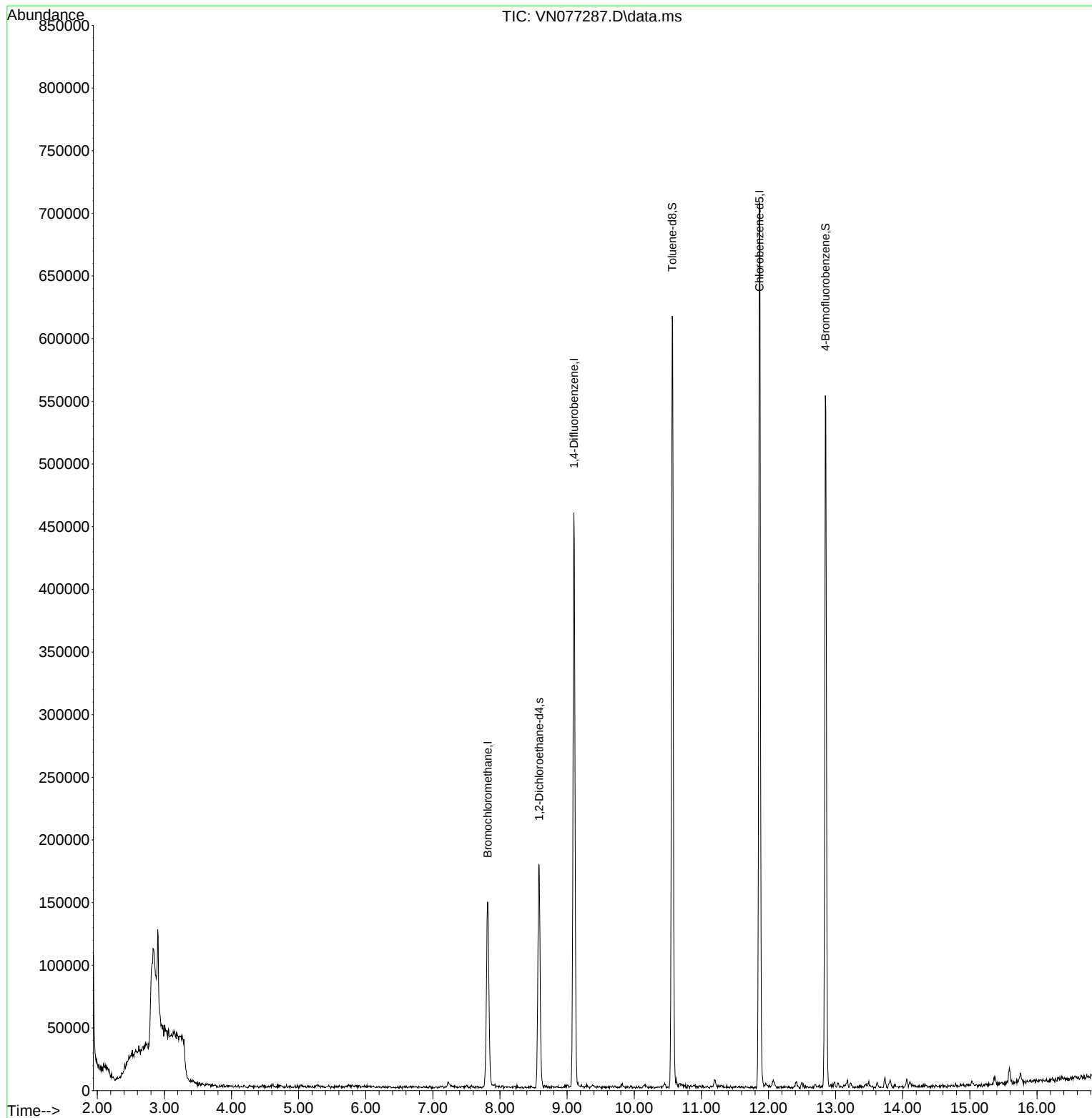
Target Compounds	Qvalue

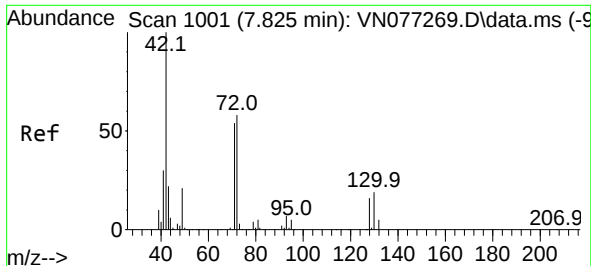
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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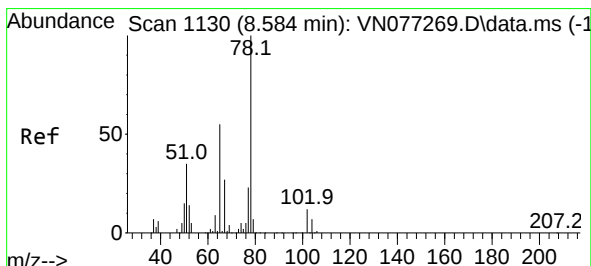
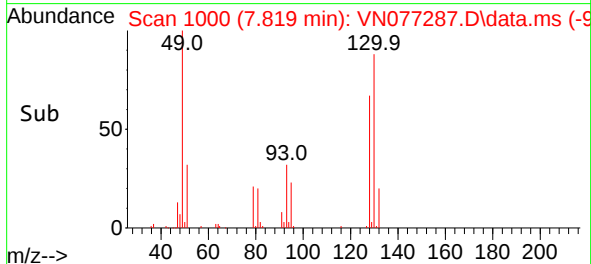
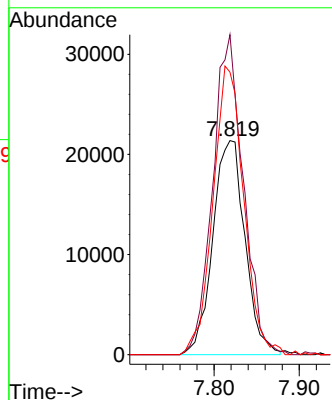
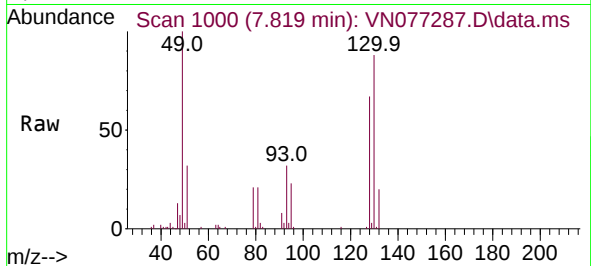




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077287.D
Acq: 10 Apr 2023 11:35

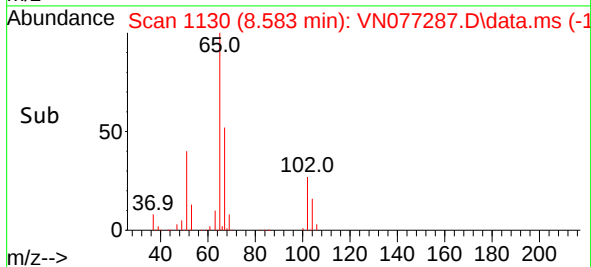
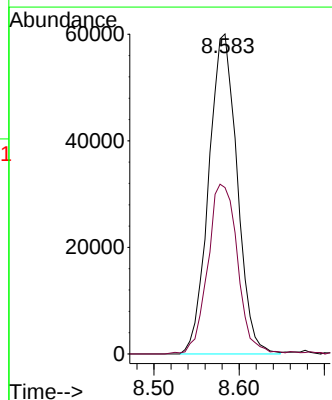
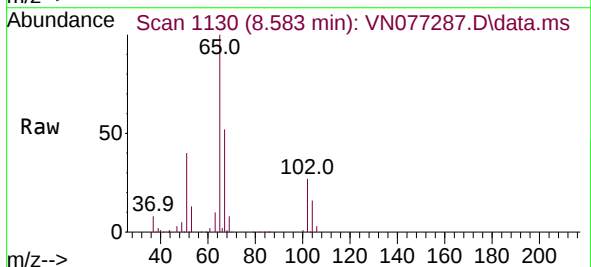
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBL01

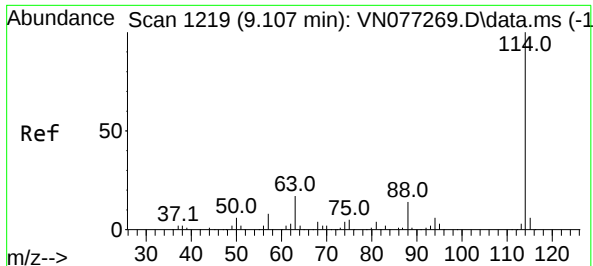
Tgt Ion:128 Resp: 56079
Ion Ratio Lower Upper
128 100
49 142.4 0.0 379.5
130 127.8 0.0 322.8



#27
1,2-Dichloroethane-d4
Concen: 29.268 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN077287.D
Acq: 10 Apr 2023 11:35

Tgt Ion: 65 Resp: 139199
Ion Ratio Lower Upper
65 100
67 55.1 41.8 62.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077287.D

Acq: 10 Apr 2023 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBL01

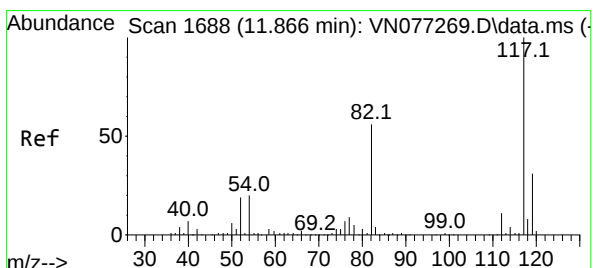
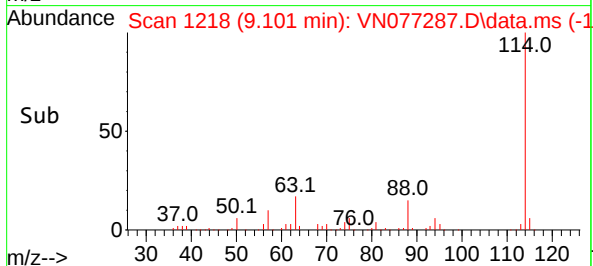
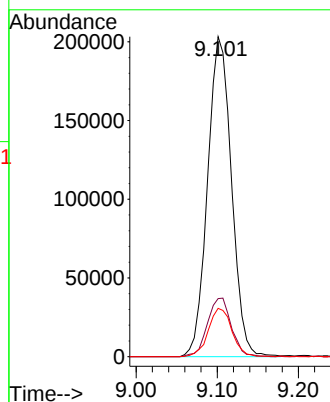
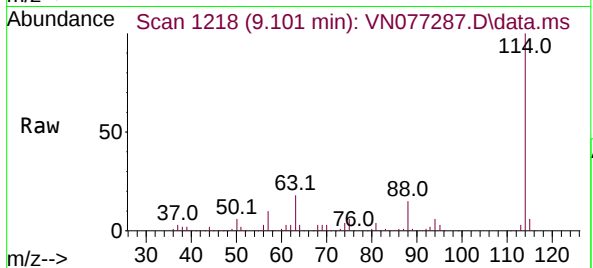
Tgt Ion:114 Resp: 416164

Ion Ratio Lower Upper

114 100

63 18.3 15.0 22.4

88 14.9 11.9 17.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VN077287.D

Acq: 10 Apr 2023 11:35

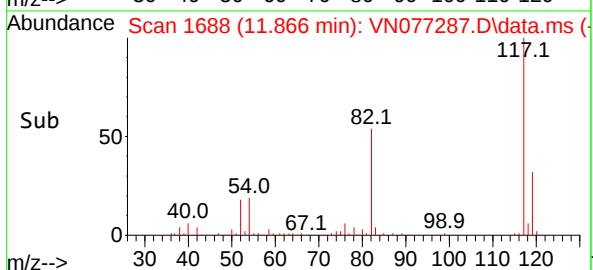
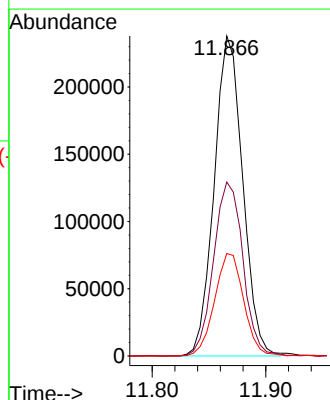
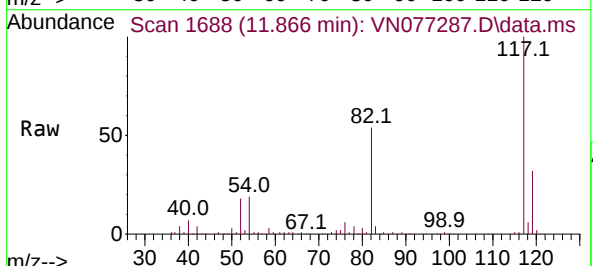
Tgt Ion:117 Resp: 415101

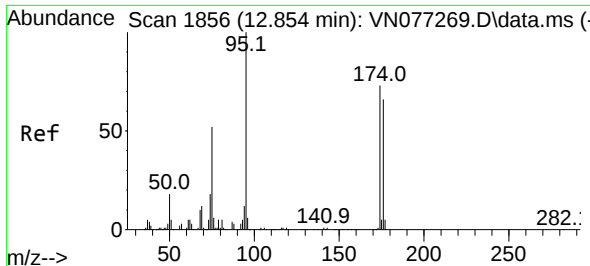
Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 32.6 25.4 38.0

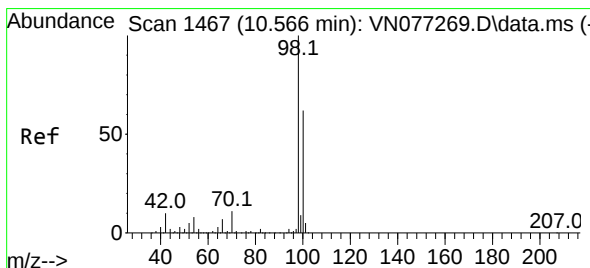
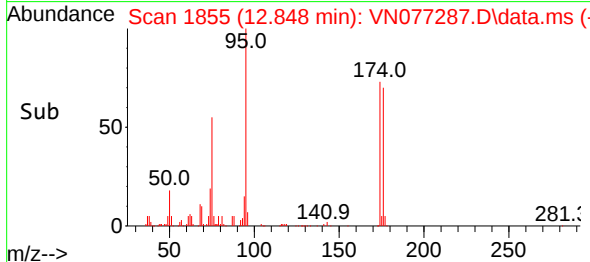
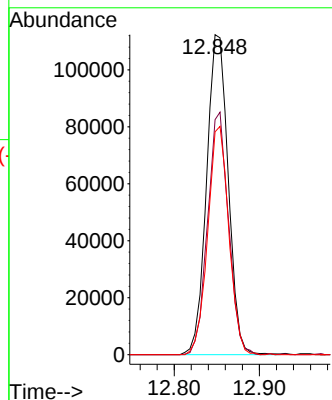
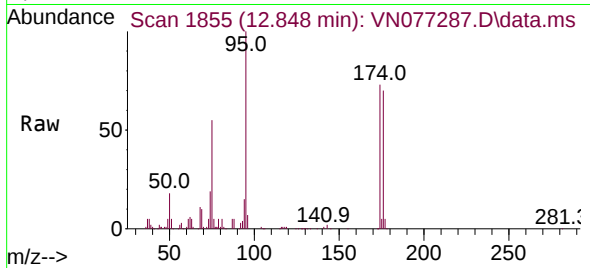




#60
4-Bromofluorobenzene
Concen: 27.632 ug/l
RT: 12.848 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077287.D
Acq: 10 Apr 2023 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBL01

Tgt Ion: 95 Resp: 198334
Ion Ratio Lower Upper
95 100
174 73.2 57.8 86.8
176 69.6 54.6 81.8



#63
Toluene-d8
Concen: 30.823 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077287.D
Acq: 10 Apr 2023 11:35

Tgt Ion: 98 Resp: 449787
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

