

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077200.D
 Acq On : 27 Mar 2023 13:28
 Operator : JC\MD
 Sample : VN0327WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBL01

Quant Time: Mar 28 06:42:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	39913	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	252990	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	258568	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	120630	29.760	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.200%
60) 4-Bromofluorobenzene	12.848	95	112470	24.213	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.700%
63) Toluene-d8	10.572	98	281167	30.462	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.533%

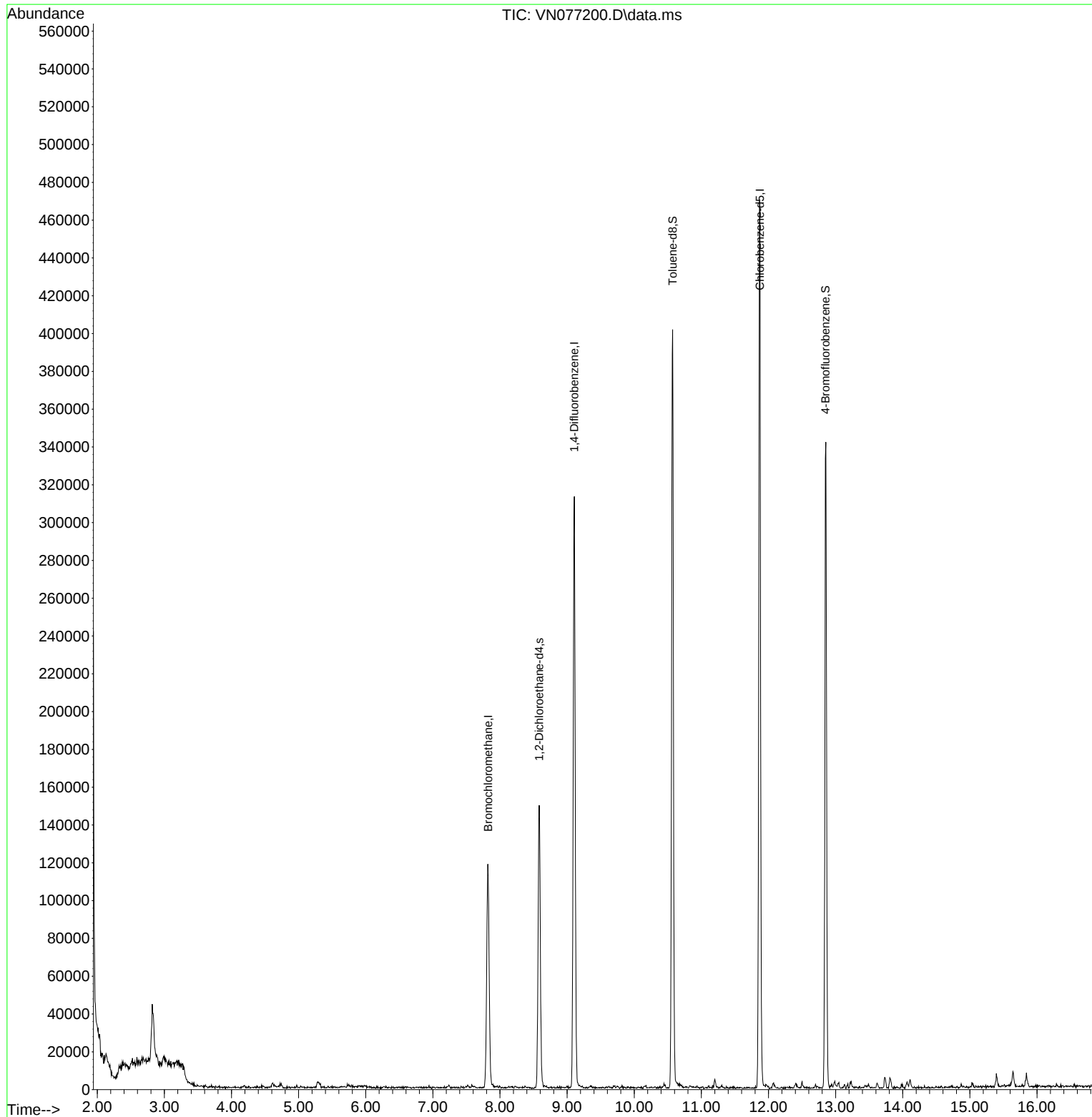
Target Compounds	Qvalue

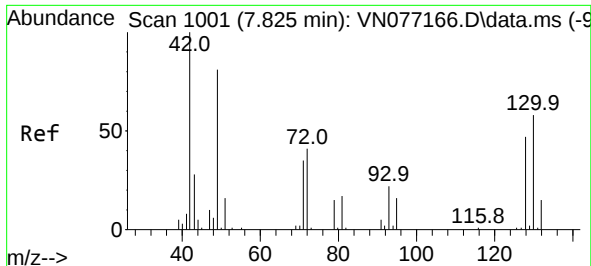
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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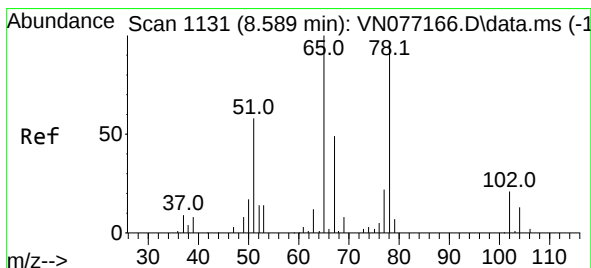
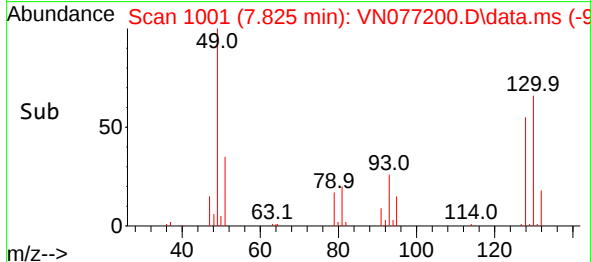
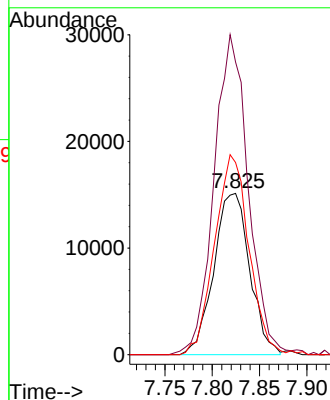
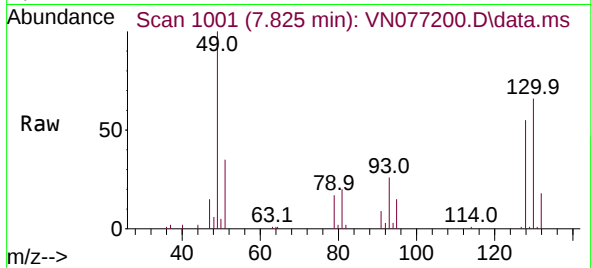




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077200.D
Acq: 27 Mar 2023 13:28

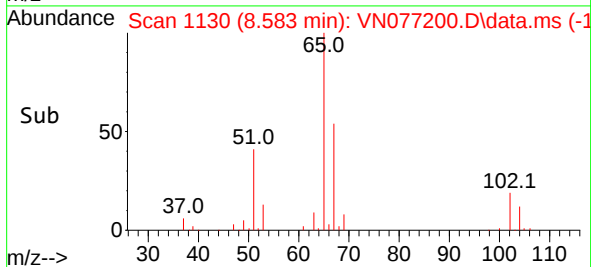
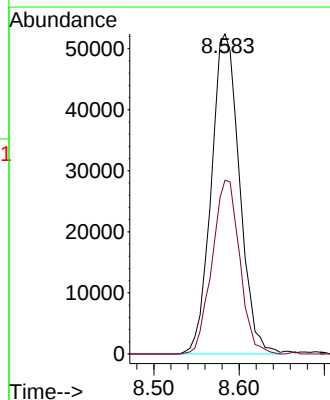
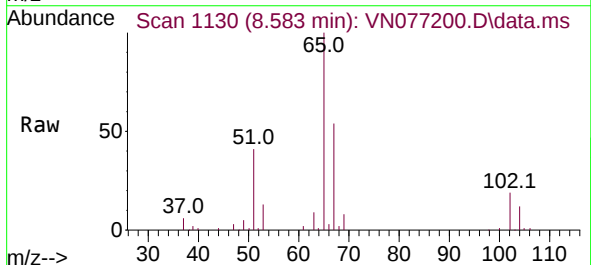
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

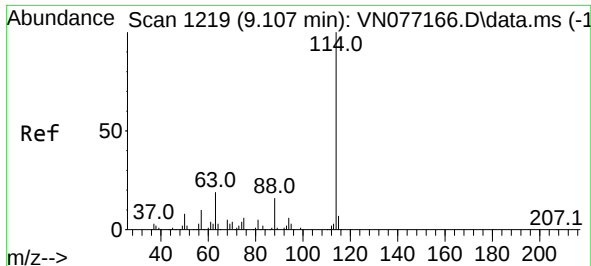
Tgt Ion:128 Resp: 39913
Ion Ratio Lower Upper
128 100
49 188.7 0.0 461.8
130 118.3 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 29.760 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN077200.D
Acq: 27 Mar 2023 13:28

Tgt Ion: 65 Resp: 120630
Ion Ratio Lower Upper
65 100
67 53.0 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077200.D

Acq: 27 Mar 2023 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBL01

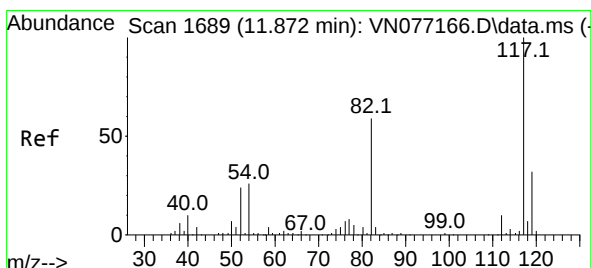
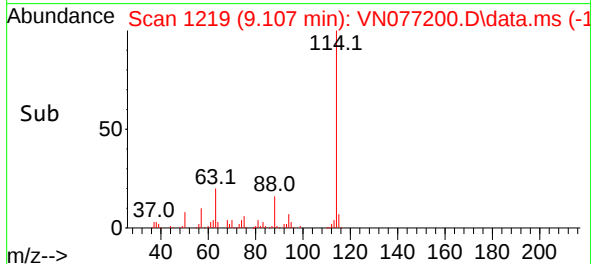
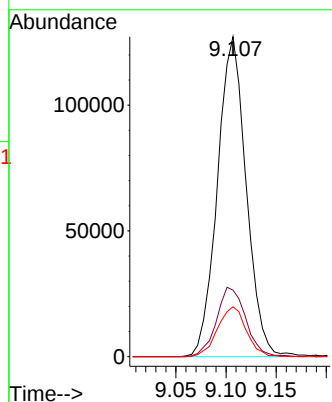
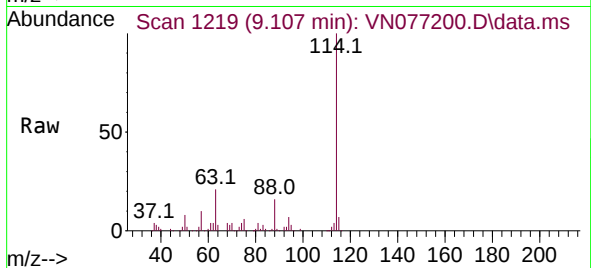
Tgt Ion:114 Resp: 252990

Ion Ratio Lower Upper

114 100

63 22.0 17.0 25.4

88 15.5 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN077200.D

Acq: 27 Mar 2023 13:28

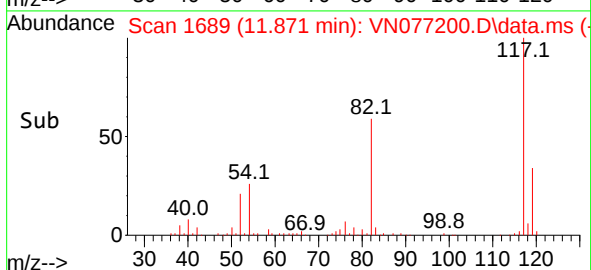
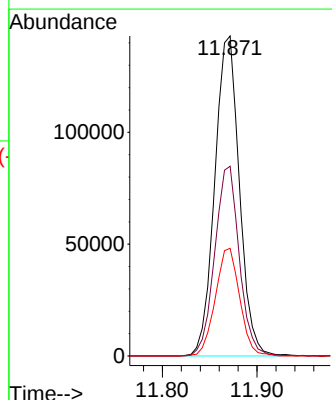
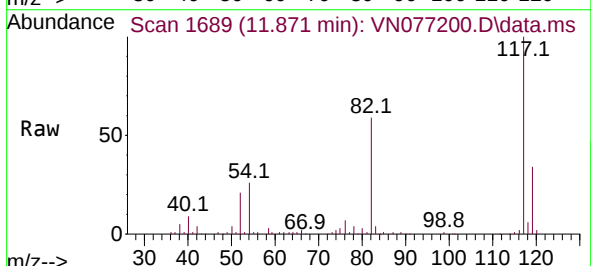
Tgt Ion:117 Resp: 258568

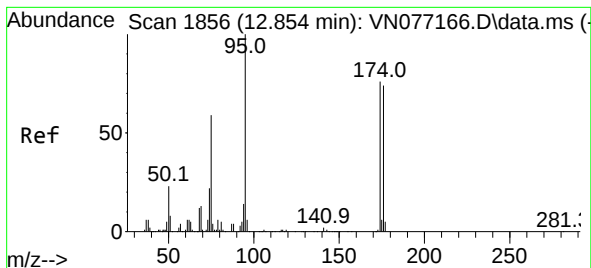
Ion Ratio Lower Upper

117 100

82 59.0 45.4 68.0

119 33.3 26.8 40.2

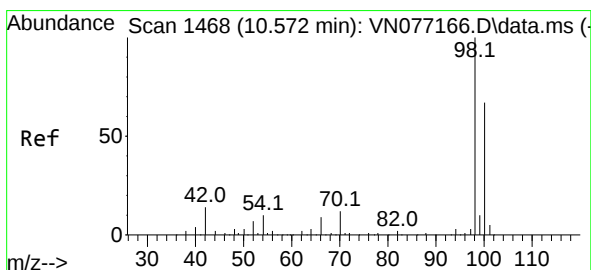
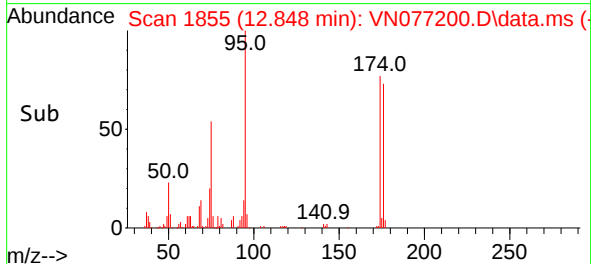
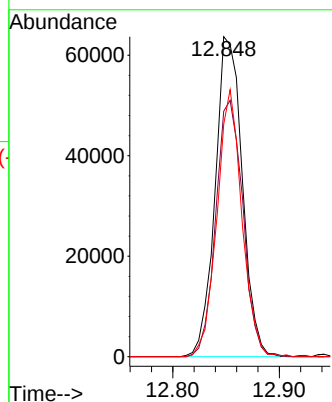
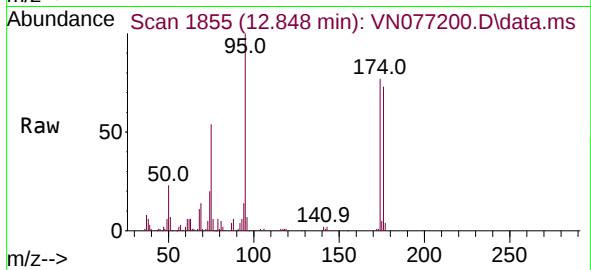




#60
4-Bromofluorobenzene
Concen: 24.213 ug/l
RT: 12.848 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077200.D
Acq: 27 Mar 2023 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBL01

Tgt Ion: 95 Resp: 112470
Ion Ratio Lower Upper
95 100
174 79.6 64.2 96.4
176 76.8 61.4 92.0



#63
Toluene-d8
Concen: 30.462 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077200.D
Acq: 27 Mar 2023 13:28

Tgt Ion: 98 Resp: 281167
Ion Ratio Lower Upper
98 100
100 63.4 53.8 80.6

