

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077593.D
 Acq On : 05 May 2023 15:54
 Operator : JC\MD
 Sample : VN0505WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505WBL01

Quant Time: May 06 02:33:13 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	7.813	128	58003	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	374881	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	372437	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	156176	30.202	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.667%
60) 4-Bromofluorobenzene	12.854	95	163928	25.123	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.733%
63) Toluene-d8	10.572	98	403916	30.778	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%

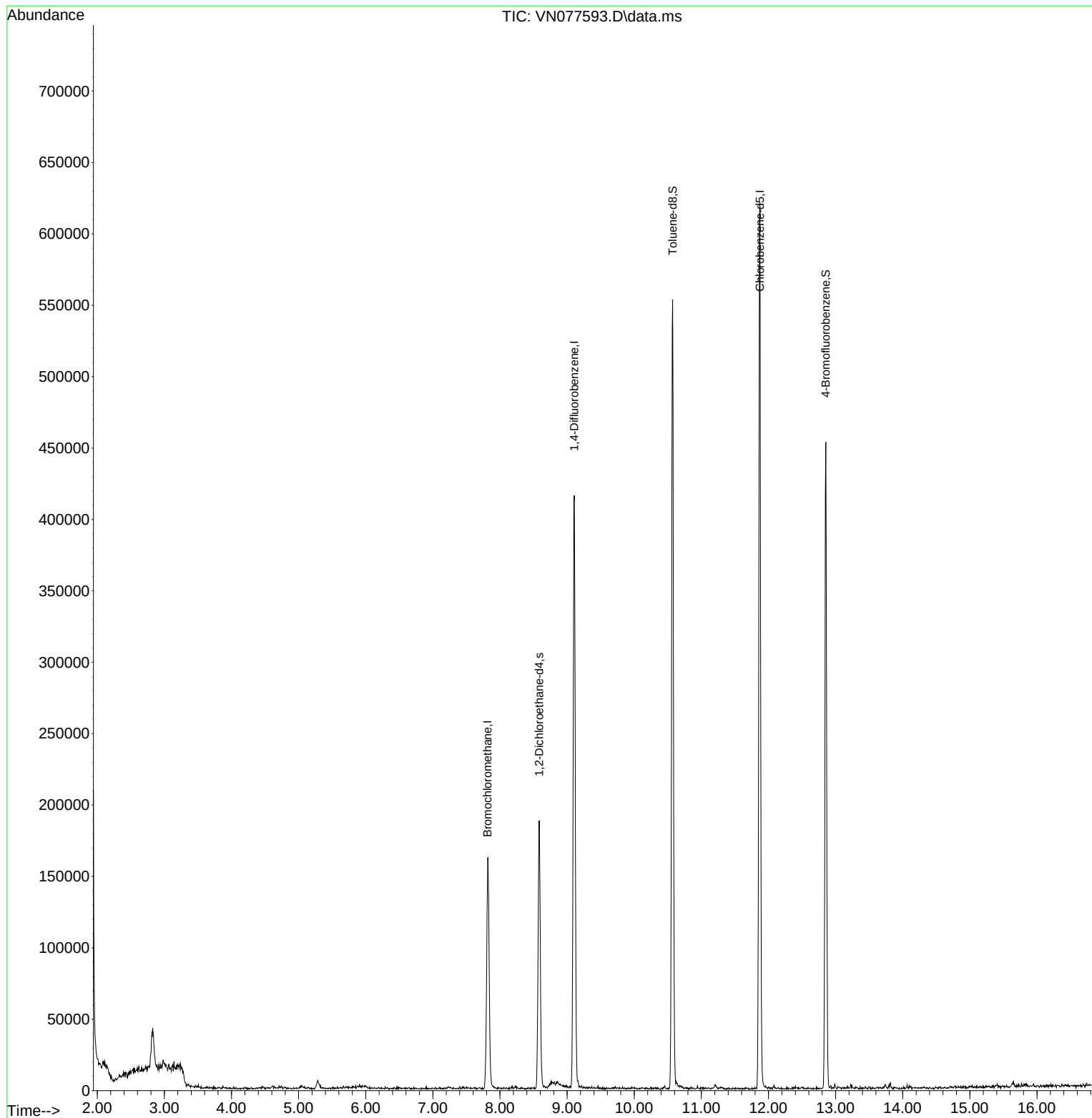
Target Compounds	Qvalue

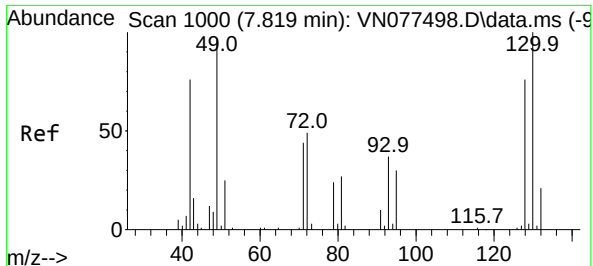
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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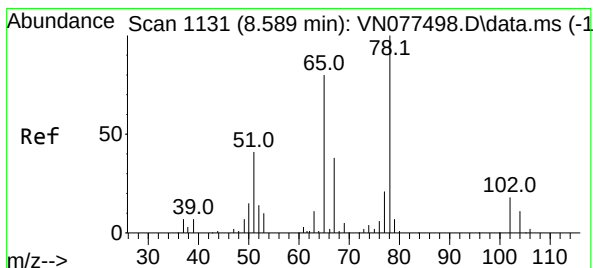
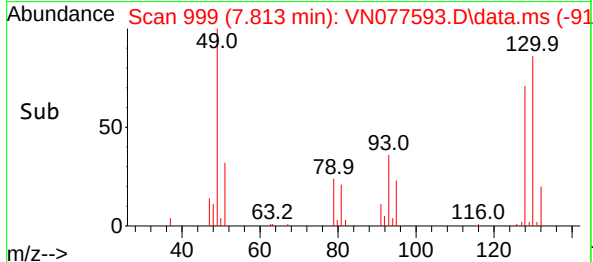
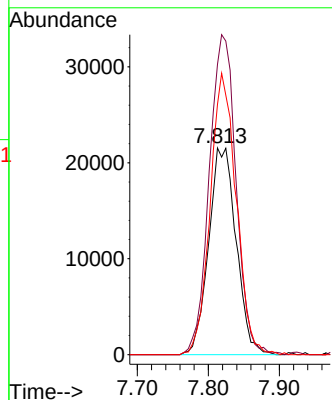
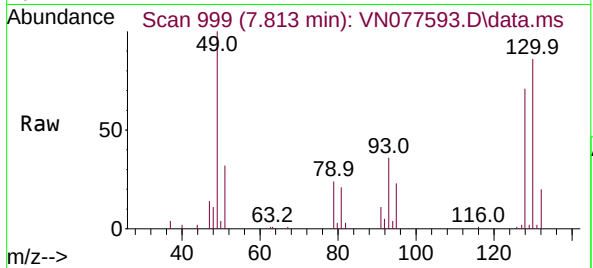




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

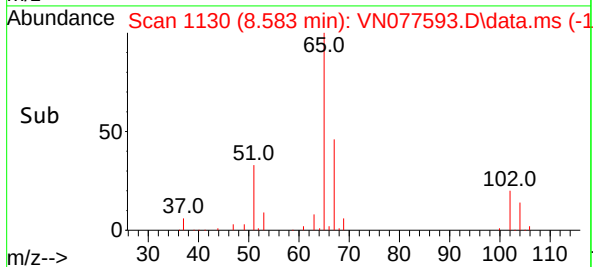
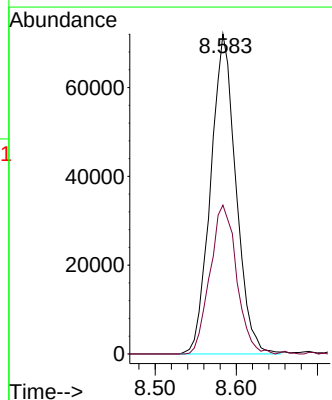
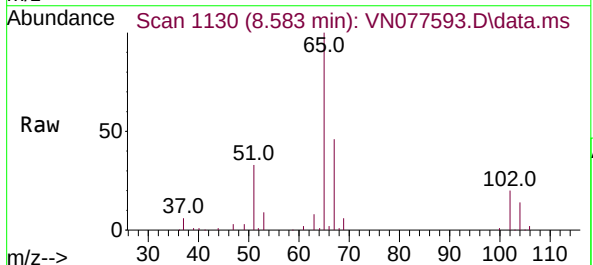
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

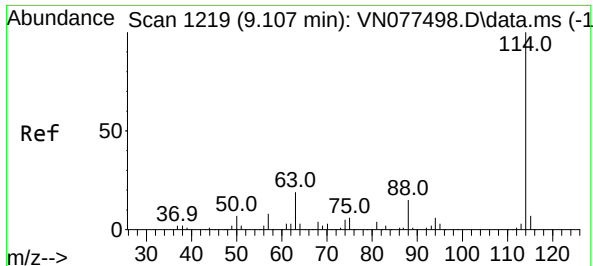
Tgt Ion:128 Resp: 58003
Ion Ratio Lower Upper
128 100
49 150.3 0.0 338.5
130 128.2 0.0 326.3



#27
1,2-Dichloroethane-d4
Concen: 30.202 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 65 Resp: 156176
Ion Ratio Lower Upper
65 100
67 48.7 40.2 60.2

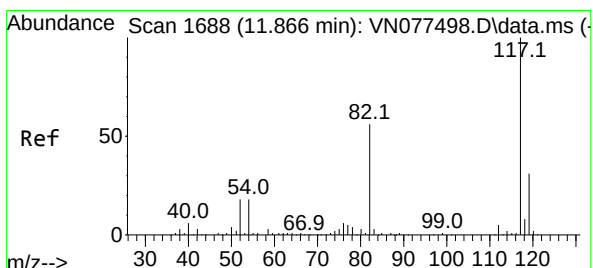
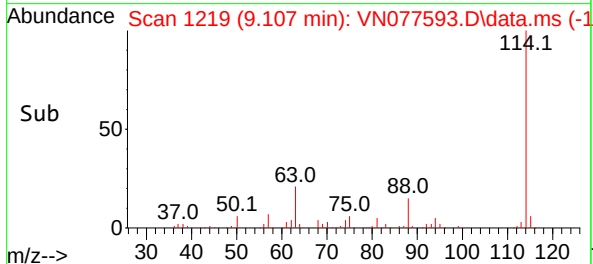
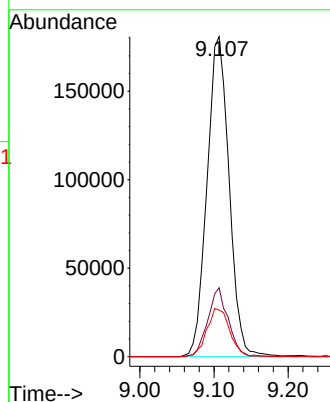
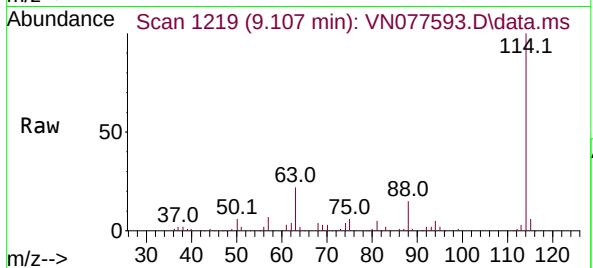




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

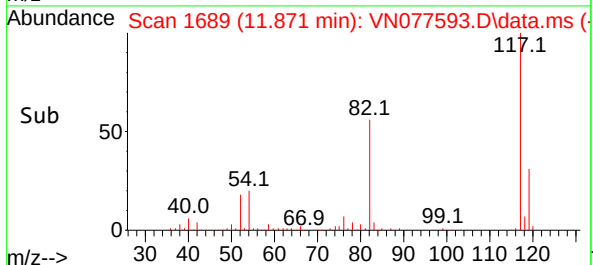
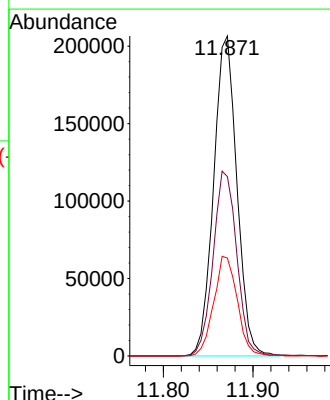
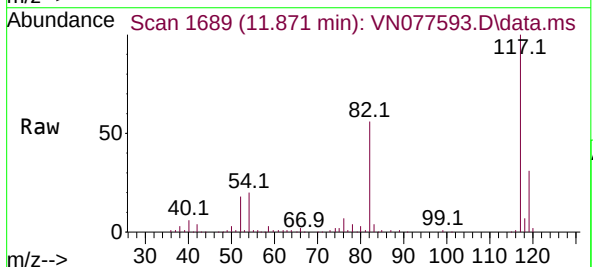
Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

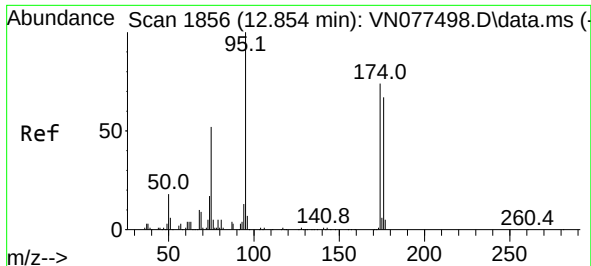
Tgt Ion:114 Resp: 374881
Ion Ratio Lower Upper
114 100
63 19.7 14.1 21.1
88 15.5 12.3 18.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion:117 Resp: 372437
Ion Ratio Lower Upper
117 100
82 58.7 44.2 66.2
119 31.5 25.4 38.2

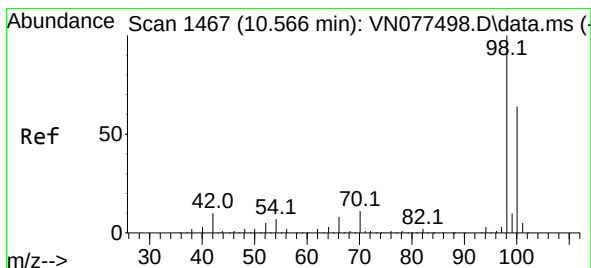
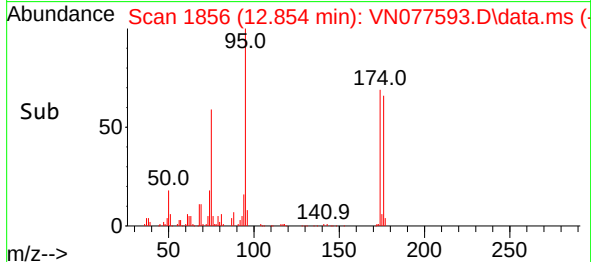
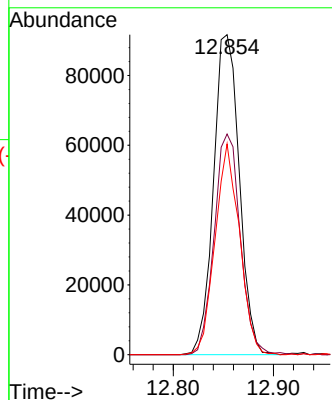
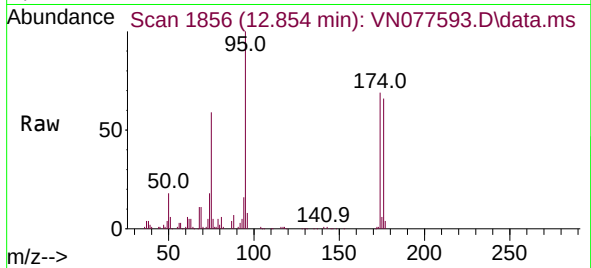




#60
4-Bromofluorobenzene
Concen: 25.123 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Instrument :
MSVOA_N
ClientSampleId :
VN0505WBL01

Tgt Ion: 95 Resp: 163928
Ion Ratio Lower Upper
95 100
174 69.6 55.9 83.9
176 62.5 53.9 80.9



#63
Toluene-d8
Concen: 30.778 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN077593.D
Acq: 05 May 2023 15:54

Tgt Ion: 98 Resp: 403916
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4

