

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079192.D
 Acq On : 08 Sep 2023 12:51
 Operator : JC\MD
 Sample : VN0908WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBL01

Quant Time: Sep 08 17:20:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	28601	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	137367	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	116728	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	59146	27.525	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.733%
60) 4-Bromofluorobenzene	12.859	95	41886	24.353	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.167%
63) Toluene-d8	10.571	98	166945	30.603	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.000%

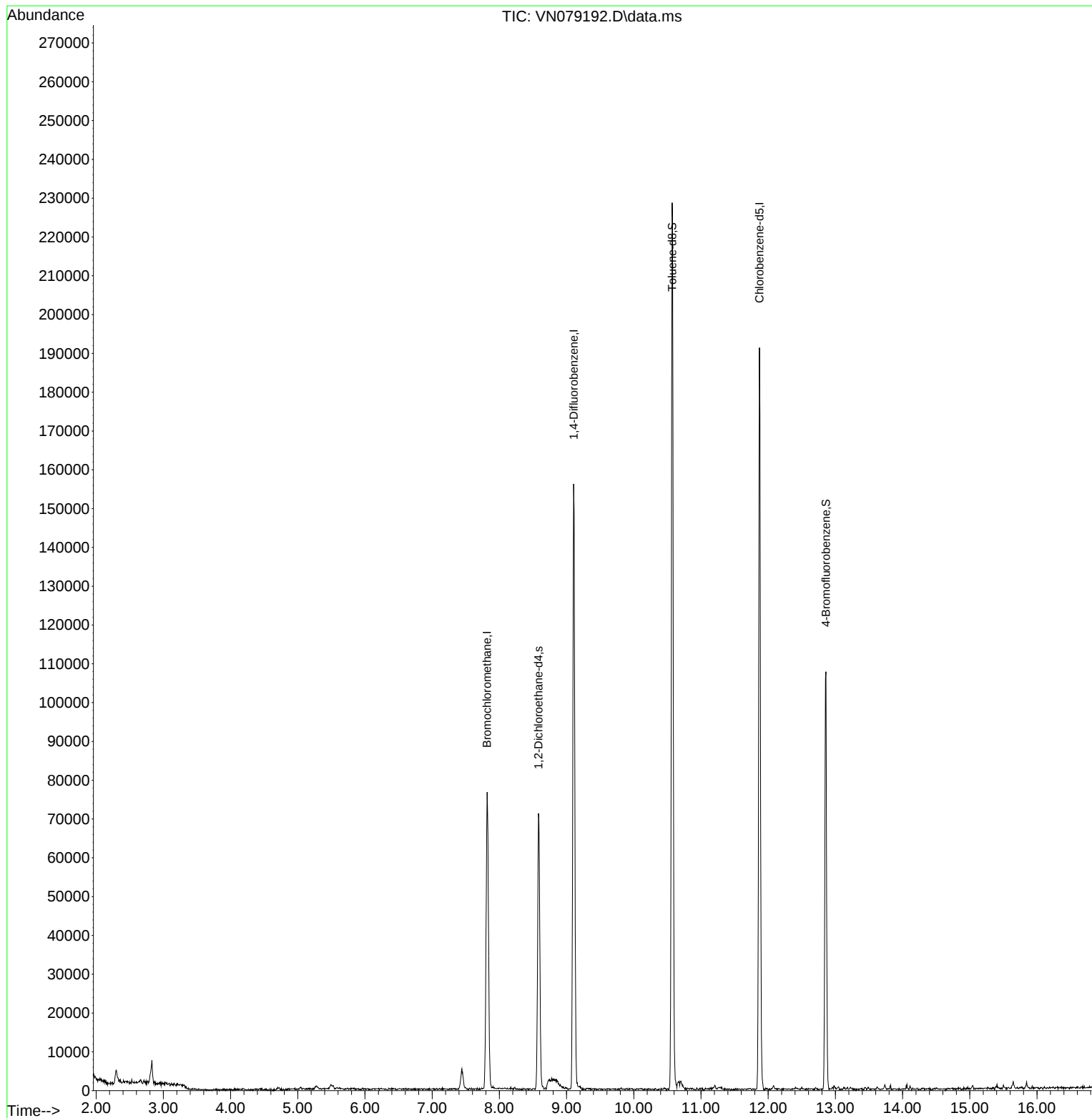
Target Compounds	Qvalue

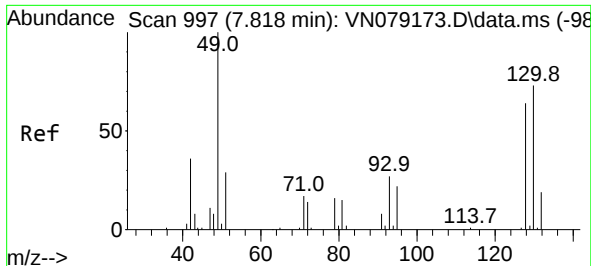
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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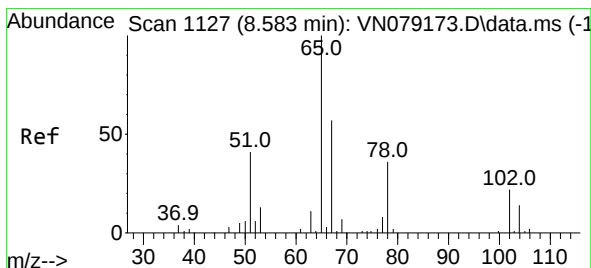
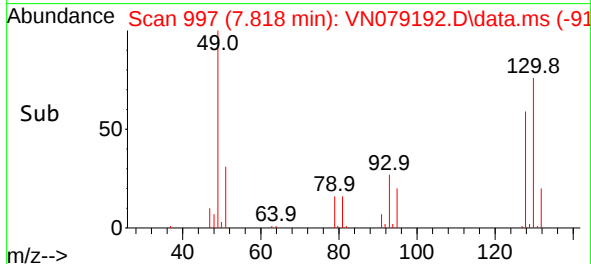
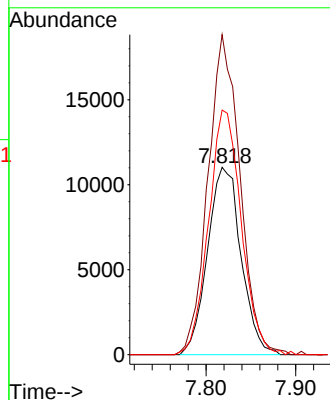
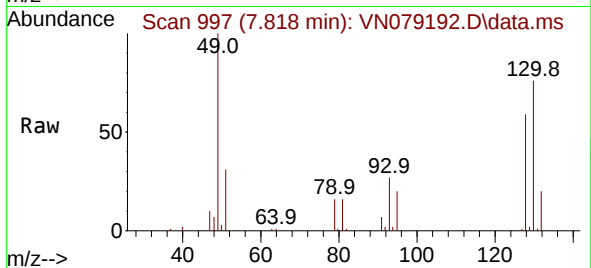




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079192.D
Acq: 08 Sep 2023 12:51

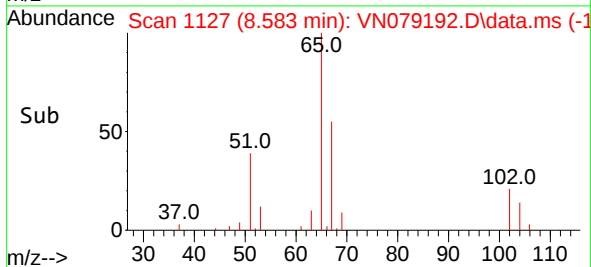
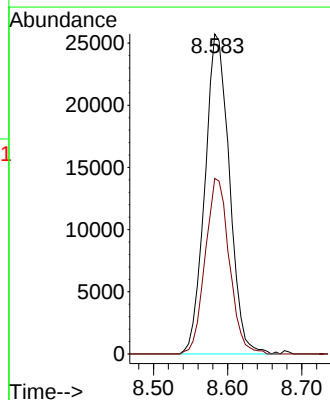
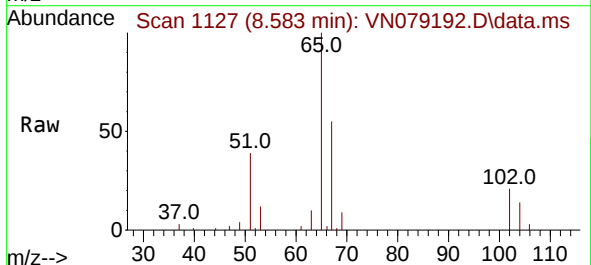
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

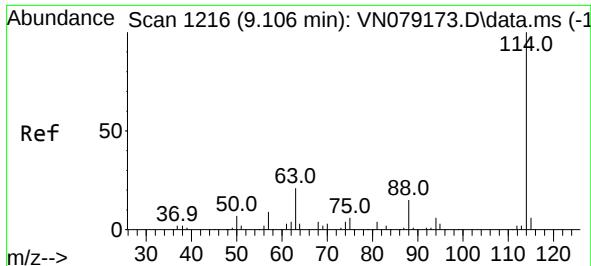
Tgt Ion:128 Resp: 28601
Ion Ratio Lower Upper
128 100
49 162.8 0.0 414.3
130 127.2 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 27.525 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079192.D
Acq: 08 Sep 2023 12:51

Tgt Ion: 65 Resp: 59146
Ion Ratio Lower Upper
65 100
67 54.0 44.4 66.6

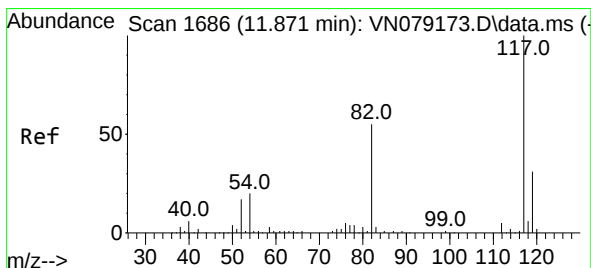
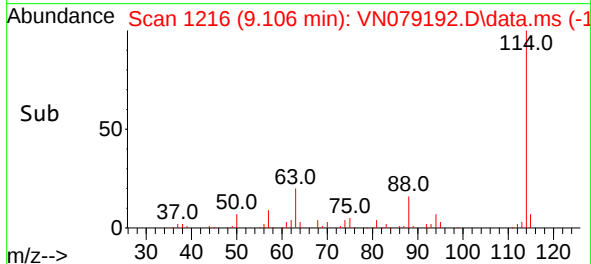
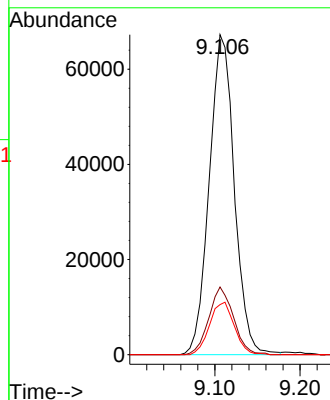
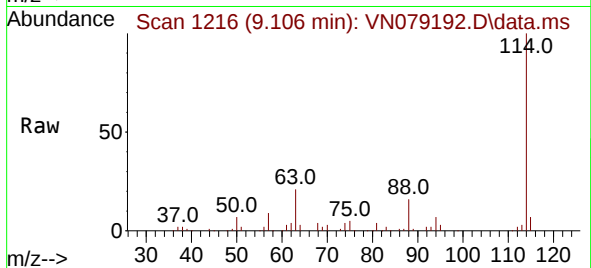




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079192.D
Acq: 08 Sep 2023 12:51

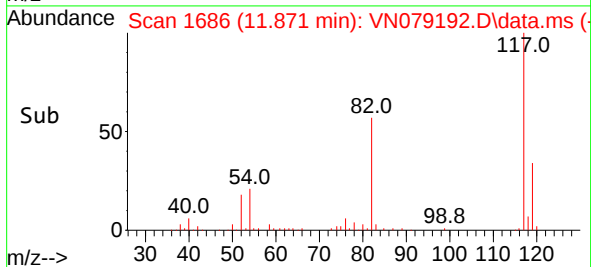
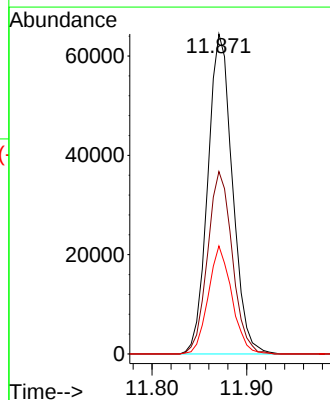
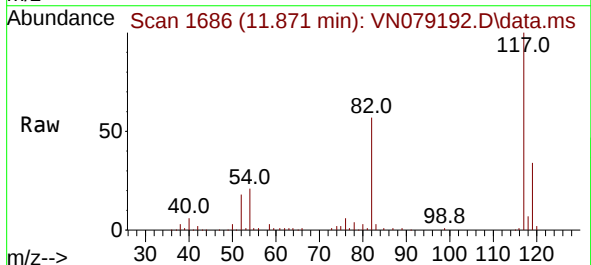
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

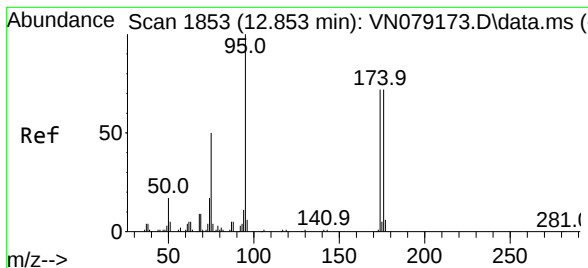
Tgt Ion:114 Resp: 137367
Ion Ratio Lower Upper
114 100
63 20.7 17.0 25.4
88 16.1 12.8 19.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079192.D
Acq: 08 Sep 2023 12:51

Tgt Ion:117 Resp: 116728
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 32.3 24.9 37.3

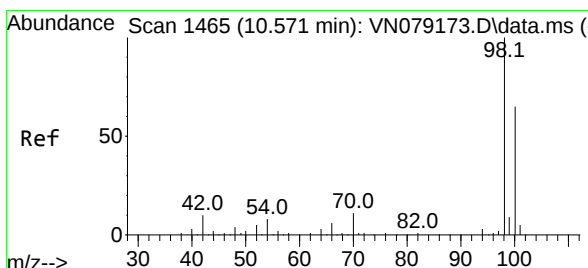
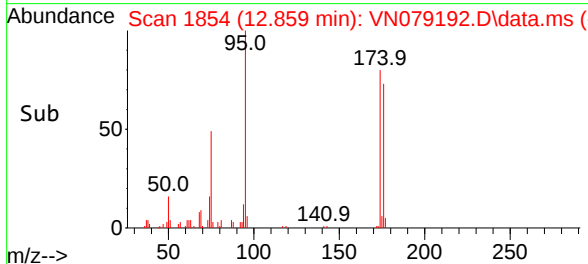
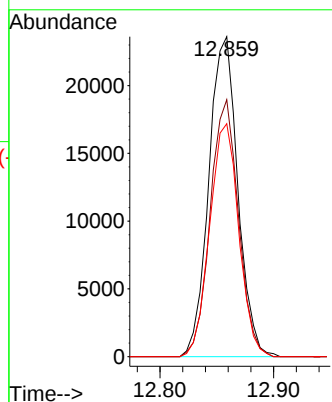
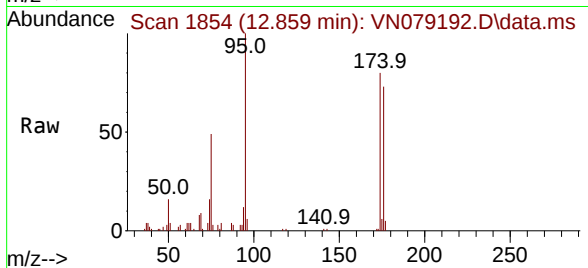




#60
4-Bromofluorobenzene
Concen: 24.353 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079192.D
Acq: 08 Sep 2023 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

Tgt Ion: 95 Resp: 41886
Ion Ratio Lower Upper
95 100
174 78.1 59.5 89.3
176 73.0 59.1 88.7



#63
Toluene-d8
Concen: 30.603 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079192.D
Acq: 08 Sep 2023 12:51

Tgt Ion: 98 Resp: 166945
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

