

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091923\
 Data File : VN079300.D
 Acq On : 19 Sep 2023 13:52
 Operator : JC\MD
 Sample : VN0919WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBL01

Quant Time: Sep 19 15:41:18 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	40965	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	181402	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	153728	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	92128	29.934	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.767%
60) 4-Bromofluorobenzene	12.853	95	50395	22.248	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	74.167%
63) Toluene-d8	10.571	98	220855	30.742	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.467%

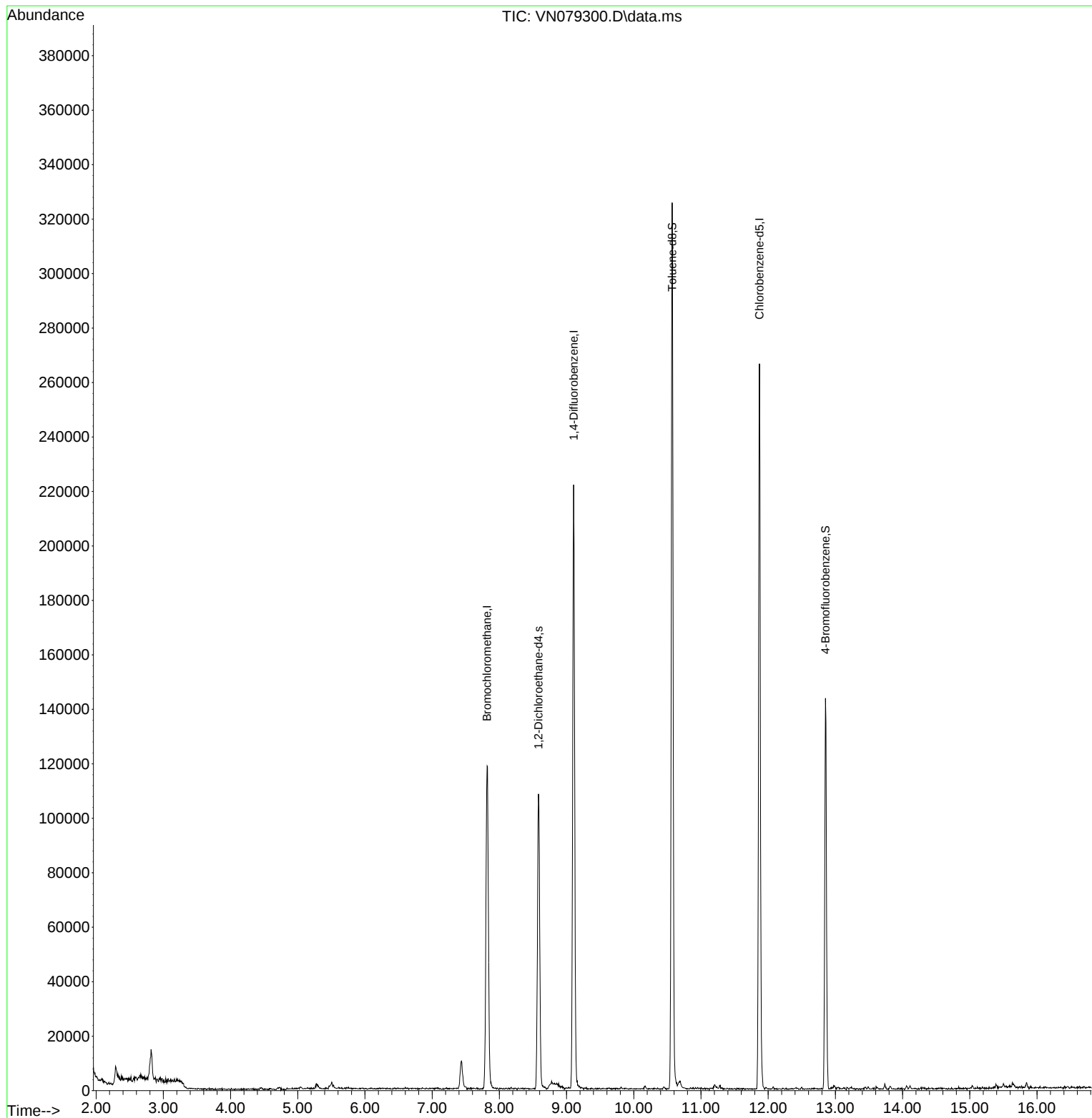
Target Compounds	Qvalue

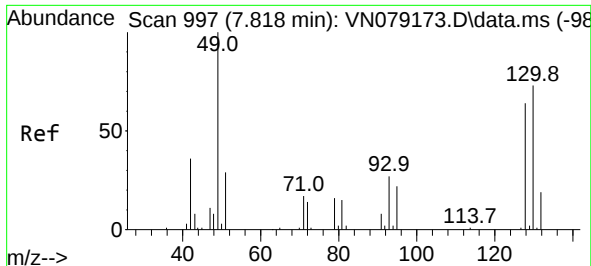
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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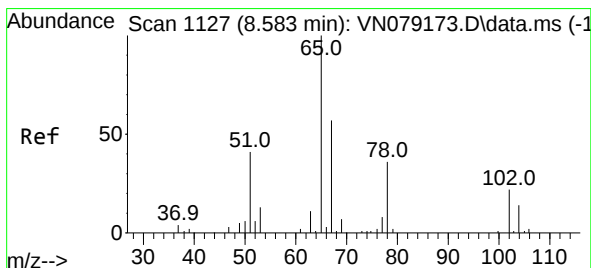
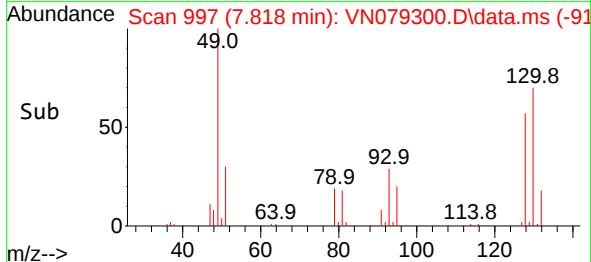
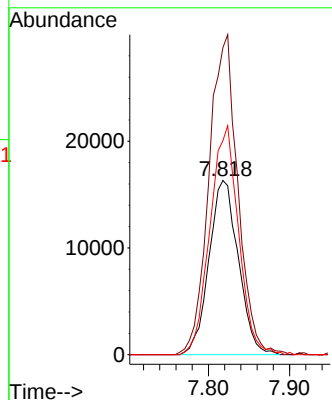
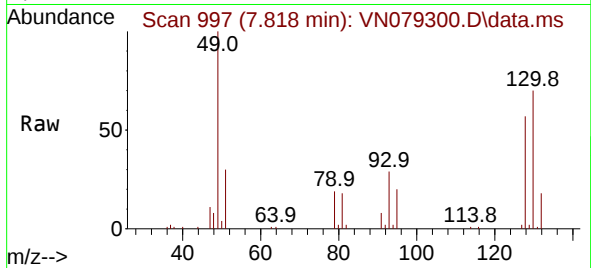




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079300.D
Acq: 19 Sep 2023 13:52

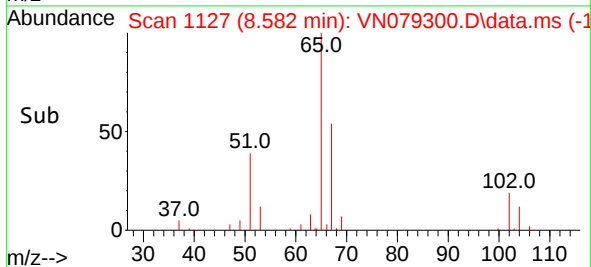
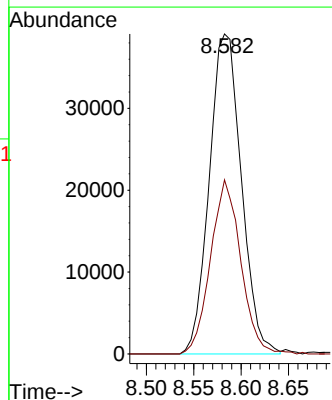
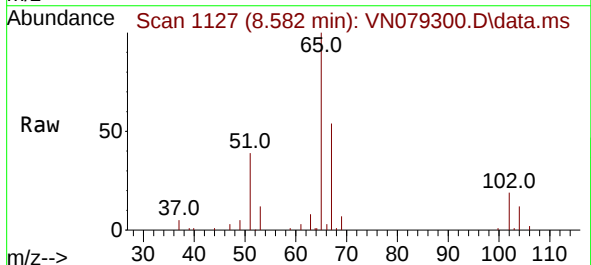
Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

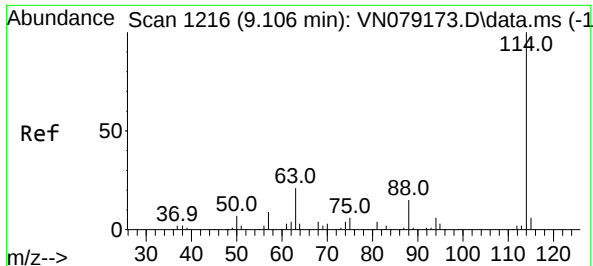
Tgt Ion:128 Resp: 40965
Ion Ratio Lower Upper
128 100
49 181.0 0.0 414.3
130 128.2 0.0 311.0



#27
1,2-Dichloroethane-d4
Concen: 29.934 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079300.D
Acq: 19 Sep 2023 13:52

Tgt Ion: 65 Resp: 92128
Ion Ratio Lower Upper
65 100
67 51.0 44.4 66.6

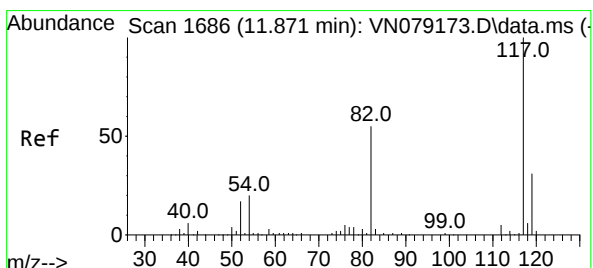
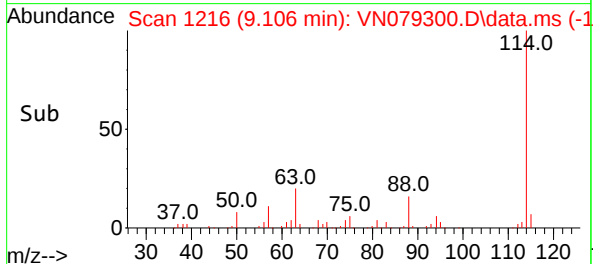
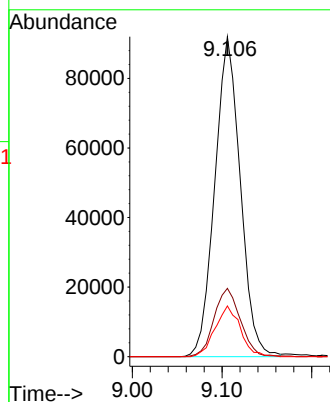
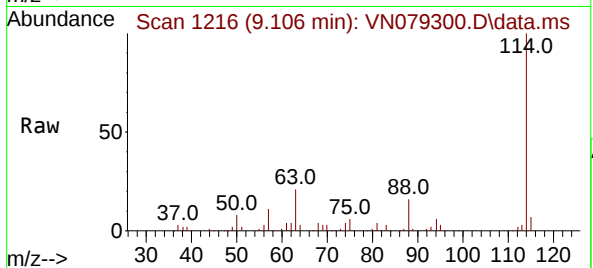




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN079300.D
Acq: 19 Sep 2023 13:52

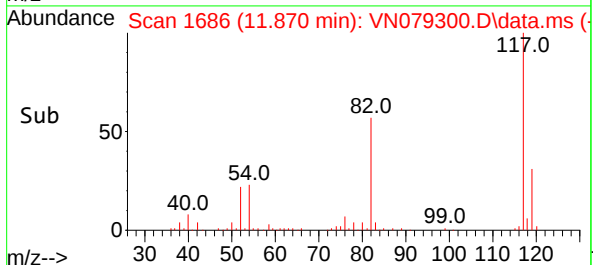
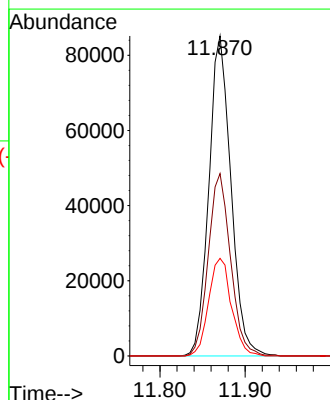
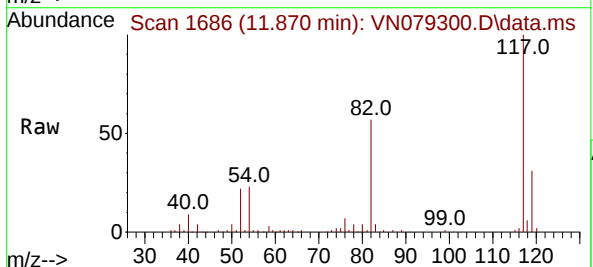
Instrument :
MSVOA_N
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VN0919WBL01

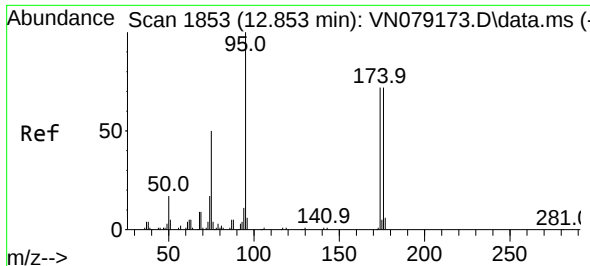
Tgt Ion:114 Resp: 181402
Ion Ratio Lower Upper
114 100
63 22.1 17.0 25.4
88 15.7 12.8 19.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079300.D
Acq: 19 Sep 2023 13:52

Tgt Ion:117 Resp: 153728
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.5 24.9 37.3

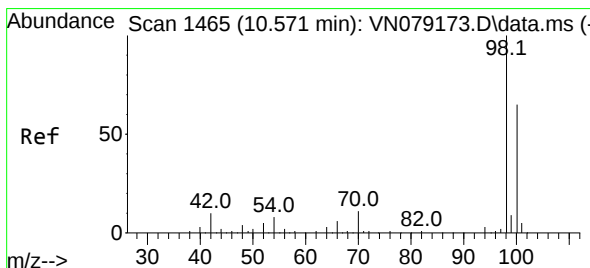
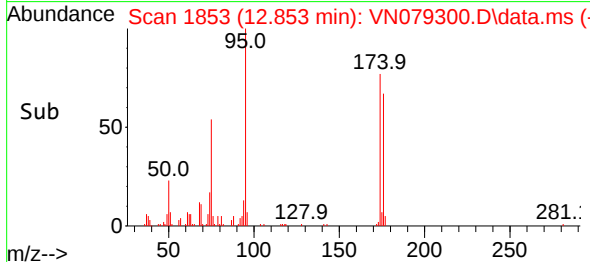
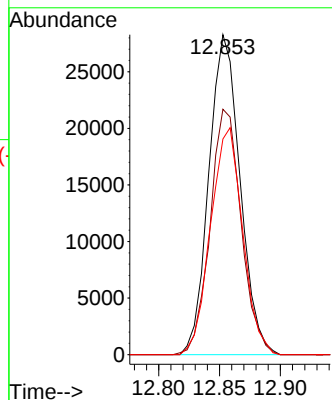
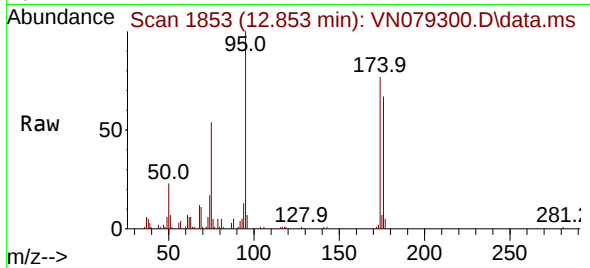




#60
4-Bromofluorobenzene
Concen: 22.248 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079300.D
Acq: 19 Sep 2023 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0919WBL01

Tgt Ion: 95 Resp: 50395
Ion Ratio Lower Upper
95 100
174 76.4 59.5 89.3
176 72.9 59.1 88.7



#63
Toluene-d8
Concen: 30.742 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079300.D
Acq: 19 Sep 2023 13:52

Tgt Ion: 98 Resp: 220855
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

