

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079675.D
 Acq On : 25 Oct 2023 12:14
 Operator : JC\MD
 Sample : VN1025WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBL01

Quant Time: Oct 26 01:35:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	20148	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	129530	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	148547	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	84990	29.669	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.900%
60) 4-Bromofluorobenzene	12.853	95	52752	19.419	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	64.733%
63) Toluene-d8	10.571	98	184618	29.004	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.667%

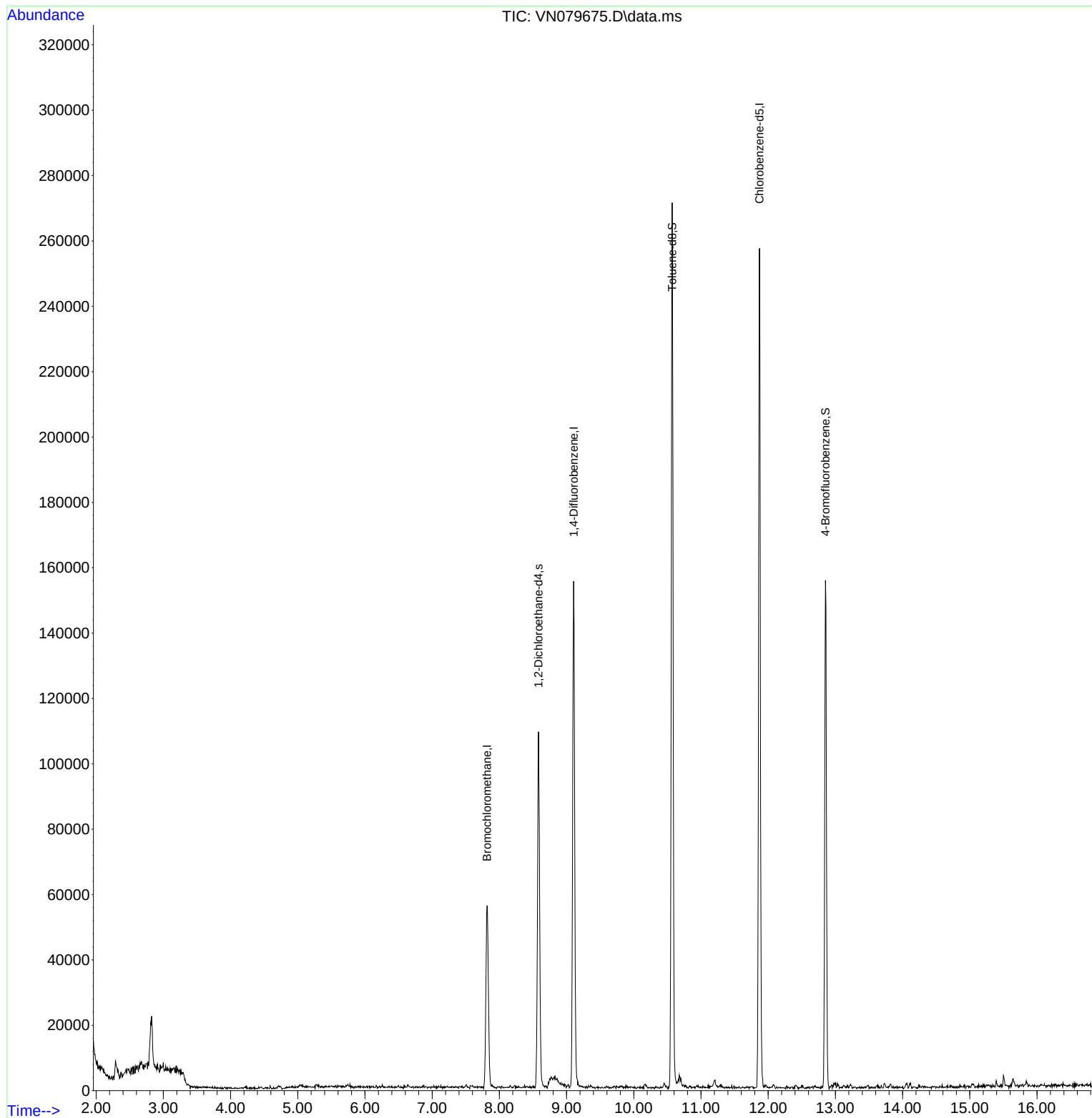
Target Compounds	Qvalue

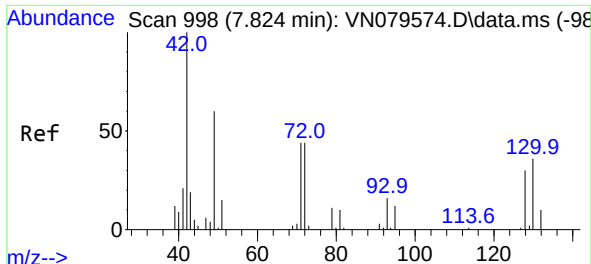
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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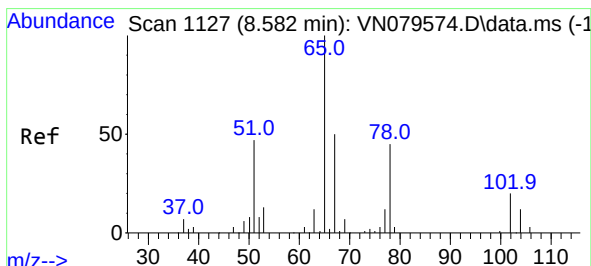
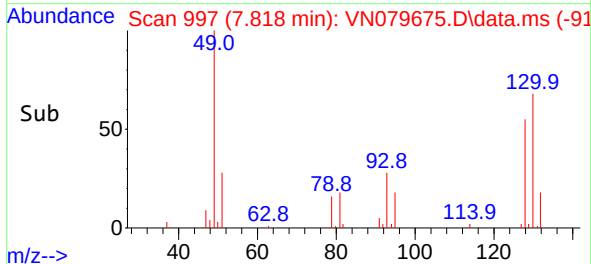
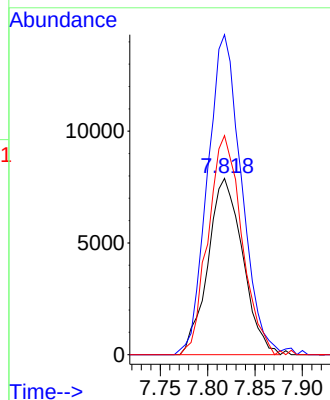
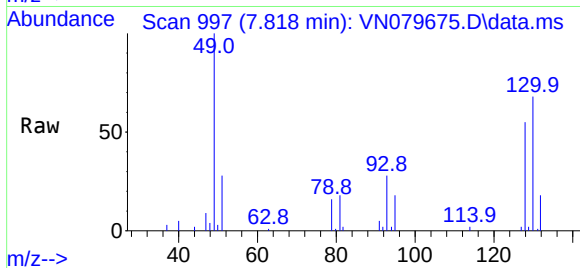




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079675.D
Acq: 25 Oct 2023 12:14

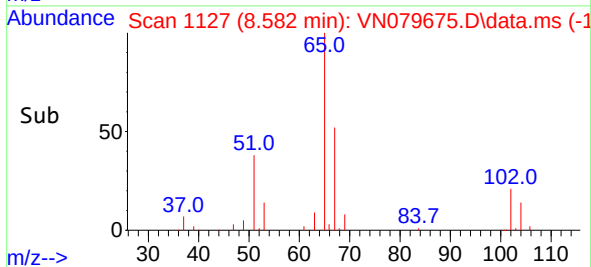
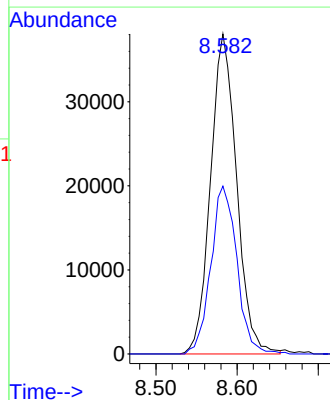
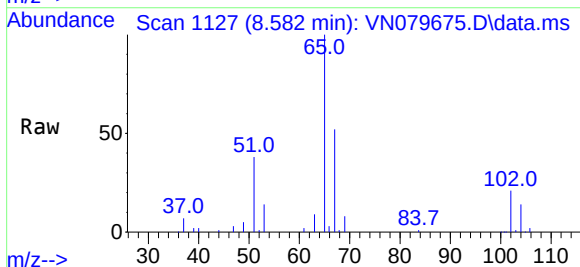
Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

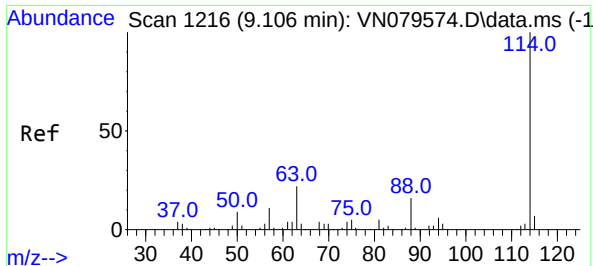
Tgt Ion:128 Resp: 20148
Ion Ratio Lower Upper
128 100
49 176.8 0.0 468.5
130 120.6 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 29.669 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079675.D
Acq: 25 Oct 2023 12:14

Tgt Ion: 65 Resp: 84990
Ion Ratio Lower Upper
65 100
67 52.2 42.1 63.1

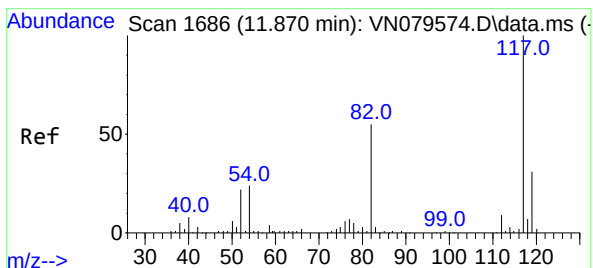
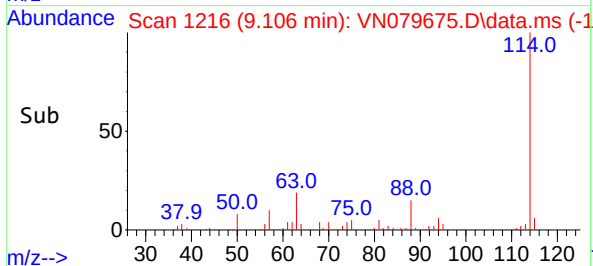
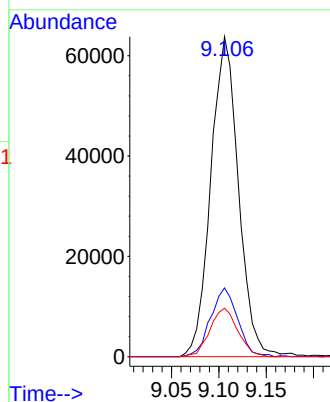
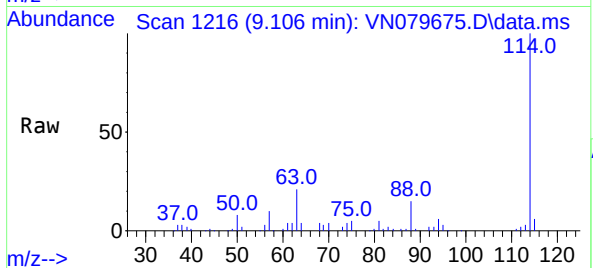




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079675.D
Acq: 25 Oct 2023 12:14

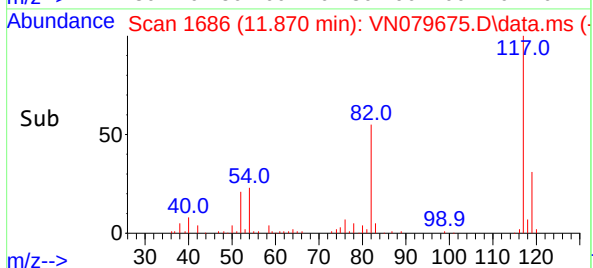
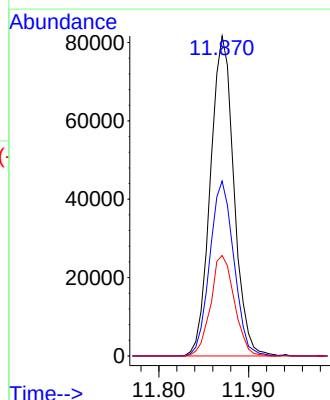
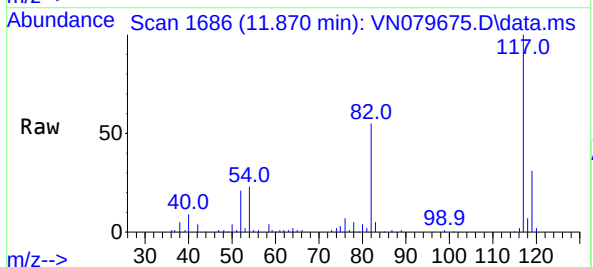
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VN1025WBL01

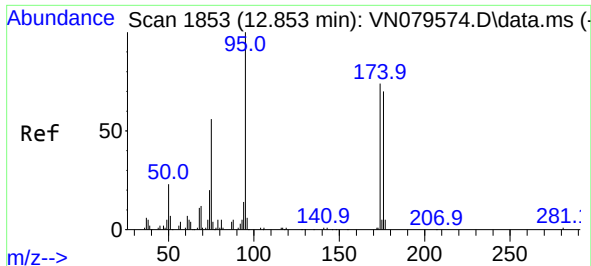
Tgt Ion:114 Resp: 129530
Ion Ratio Lower Upper
114 100
63 21.1 18.1 27.1
88 15.3 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079675.D
Acq: 25 Oct 2023 12:14

Tgt Ion:117 Resp: 148547
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.2
119 31.7 25.2 37.8

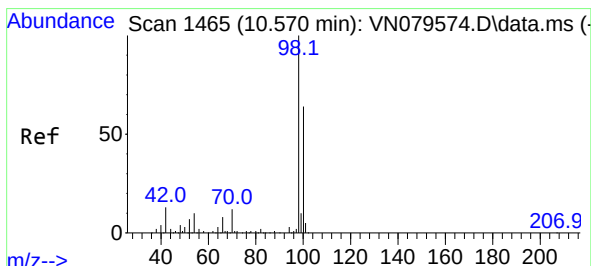
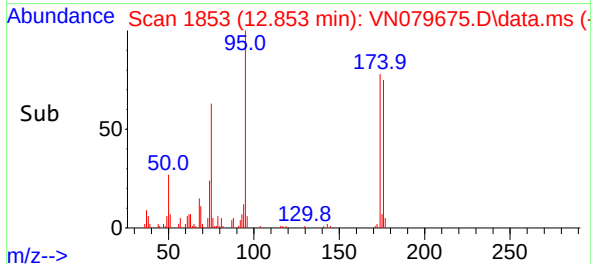
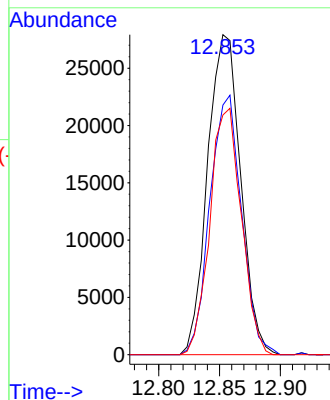
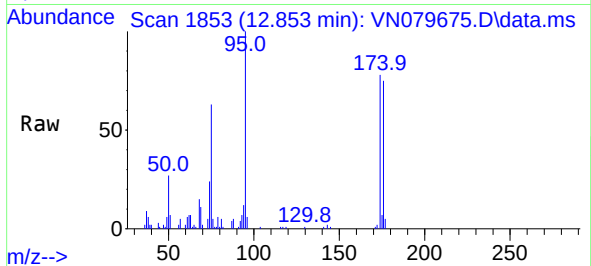




#60
4-Bromofluorobenzene
Concen: 19.419 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079675.D
Acq: 25 Oct 2023 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1025WBL01

Tgt Ion: 95 Resp: 52752
Ion Ratio Lower Upper
95 100
174 77.7 60.5 90.7
176 73.2 57.2 85.8



#63
Toluene-d8
Concen: 29.004 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079675.D
Acq: 25 Oct 2023 12:14

Tgt Ion: 98 Resp: 184618
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

