

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102523\
 Data File : VN079677.D
 Acq On : 25 Oct 2023 13:14
 Operator : JC\MD
 Sample : 05033-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Oct 26 01:35:46 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	15737	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	102122	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	118601	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	70243	31.394	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.633%
60) 4-Bromofluorobenzene	12.853	95	40593	18.716	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	62.400%#
63) Toluene-d8	10.571	98	145736	28.676	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.600%

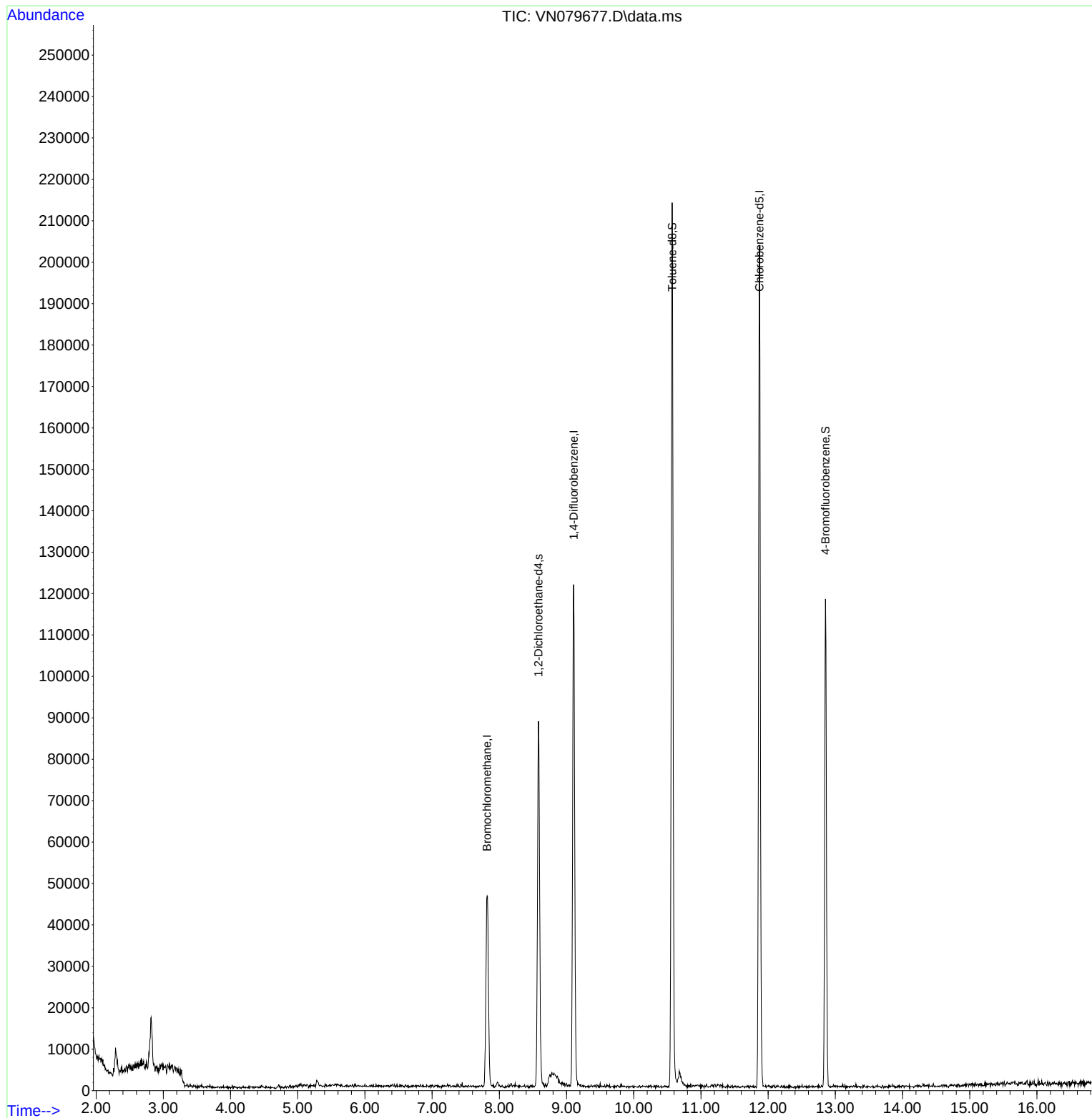
Target Compounds	Qvalue

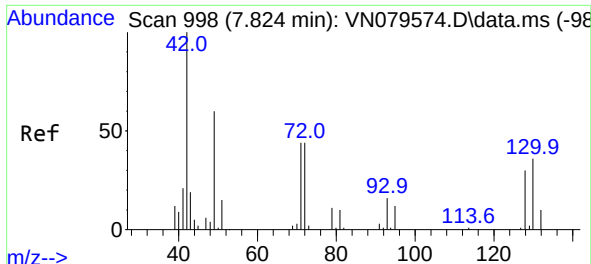
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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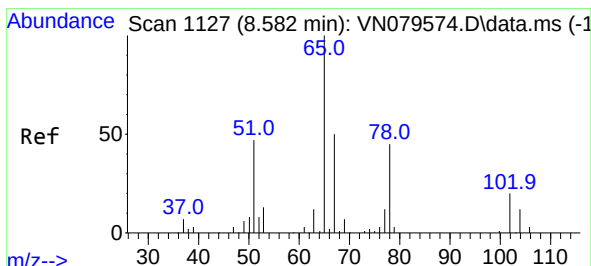
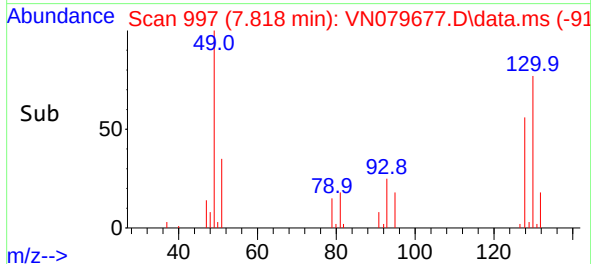
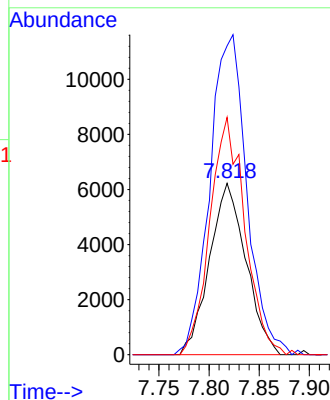
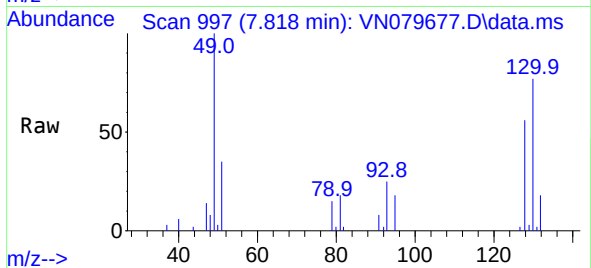




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079677.D
Acq: 25 Oct 2023 13:14

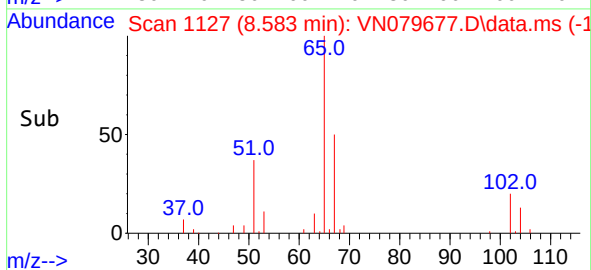
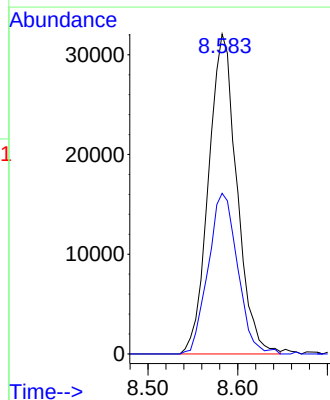
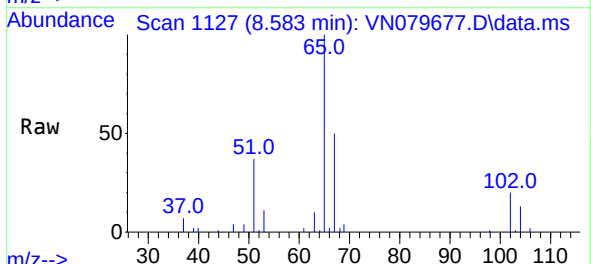
Instrument :
MSVOA_N
ClientSampleId :
14B-2

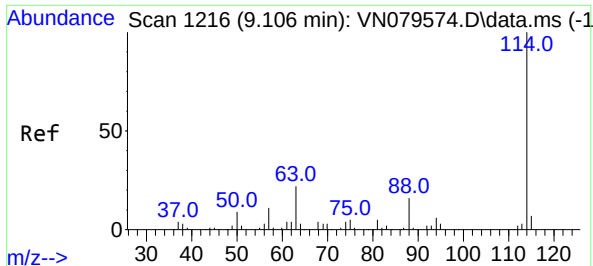
Tgt Ion:128 Resp: 15737
Ion Ratio Lower Upper
128 100
49 189.5 0.0 468.5
130 132.9 0.0 320.7



#27
1,2-Dichloroethane-d4
Concen: 31.394 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079677.D
Acq: 25 Oct 2023 13:14

Tgt Ion: 65 Resp: 70243
Ion Ratio Lower Upper
65 100
67 51.7 42.1 63.1

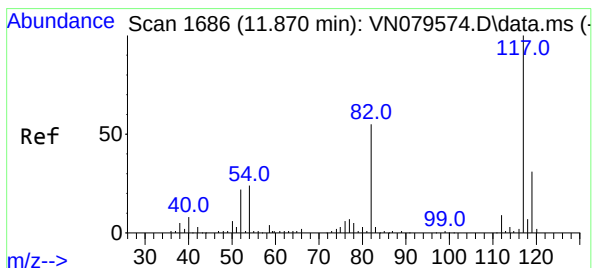
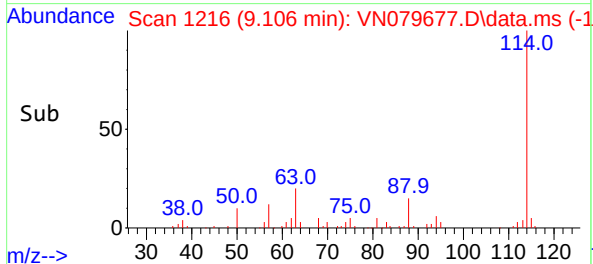
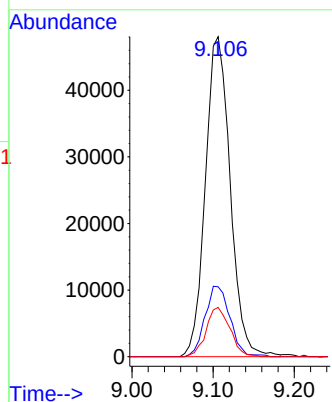
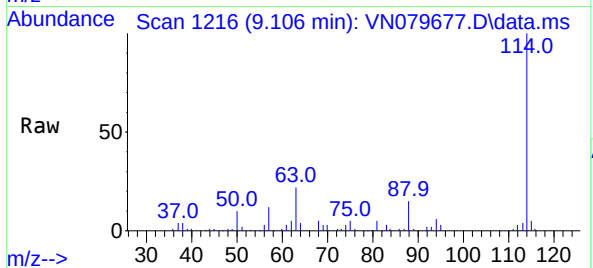




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079677.D
Acq: 25 Oct 2023 13:14

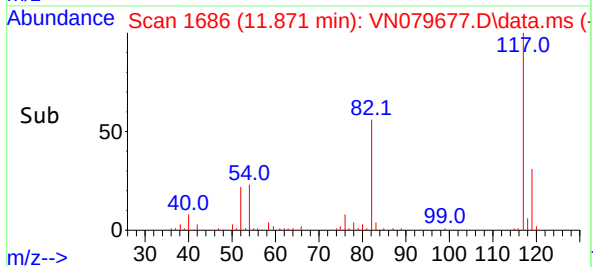
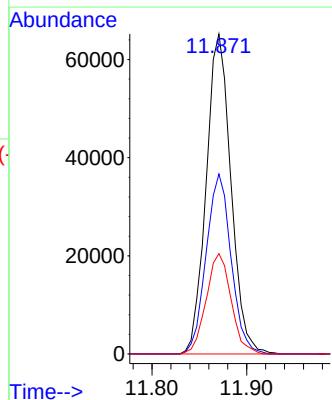
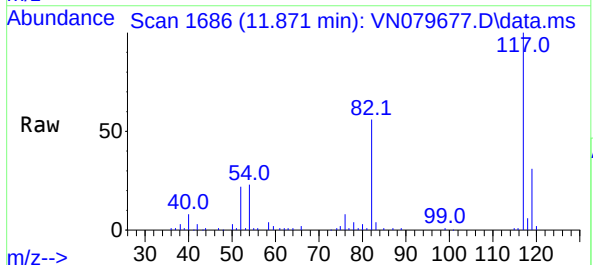
Instrument :
MSVOA_N
ClientSampleId :
14B-2

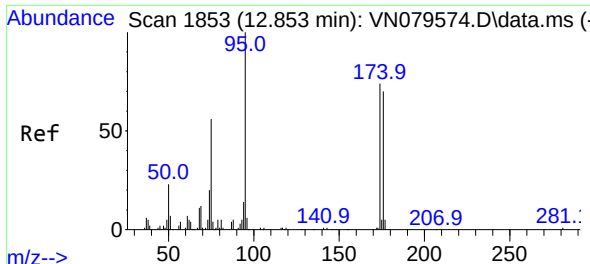
Tgt Ion:114 Resp: 102122
Ion Ratio Lower Upper
114 100
63 21.9 18.1 27.1
88 14.8 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079677.D
Acq: 25 Oct 2023 13:14

Tgt Ion:117 Resp: 118601
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.2
119 31.5 25.2 37.8

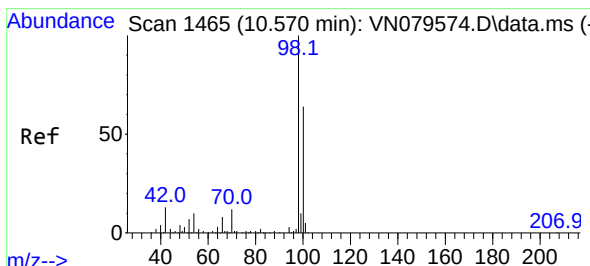
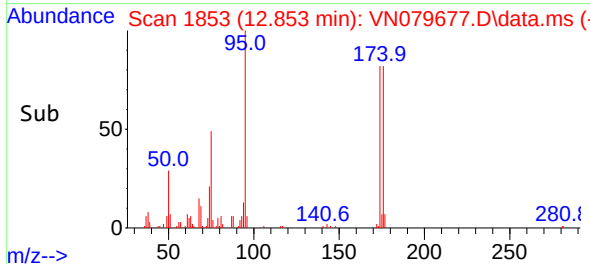
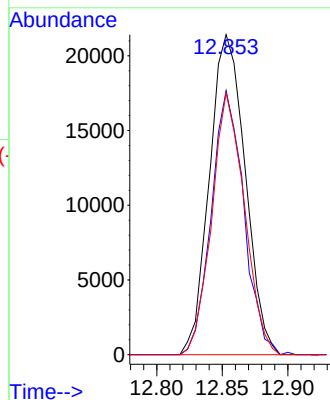
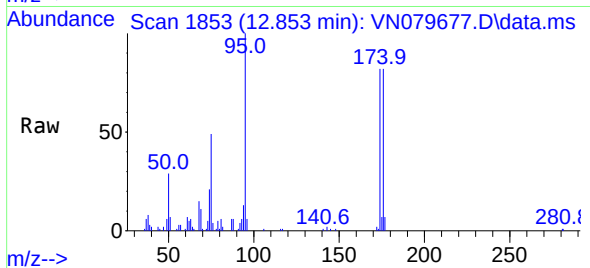




#60
4-Bromofluorobenzene
Concen: 18.716 ug/l
RT: 12.853 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079677.D
Acq: 25 Oct 2023 13:14

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 40593
Ion Ratio Lower Upper
95 100
174 75.0 60.5 90.7
176 74.6 57.2 85.8



#63
Toluene-d8
Concen: 28.676 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079677.D
Acq: 25 Oct 2023 13:14

Tgt Ion: 98 Resp: 145736
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

