

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031623\
 Data File : VN077018.D
 Acq On : 16 Mar 2023 13:32
 Operator : JC\MD
 Sample : VN0316WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316WBL01

Quant Time: Mar 17 03:23:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	43531	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	297591	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	312132	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	130367	32.582	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.600%
60) 4-Bromofluorobenzene	12.854	95	151156	25.587	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.300%
63) Toluene-d8	10.571	98	326318	29.723	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.067%

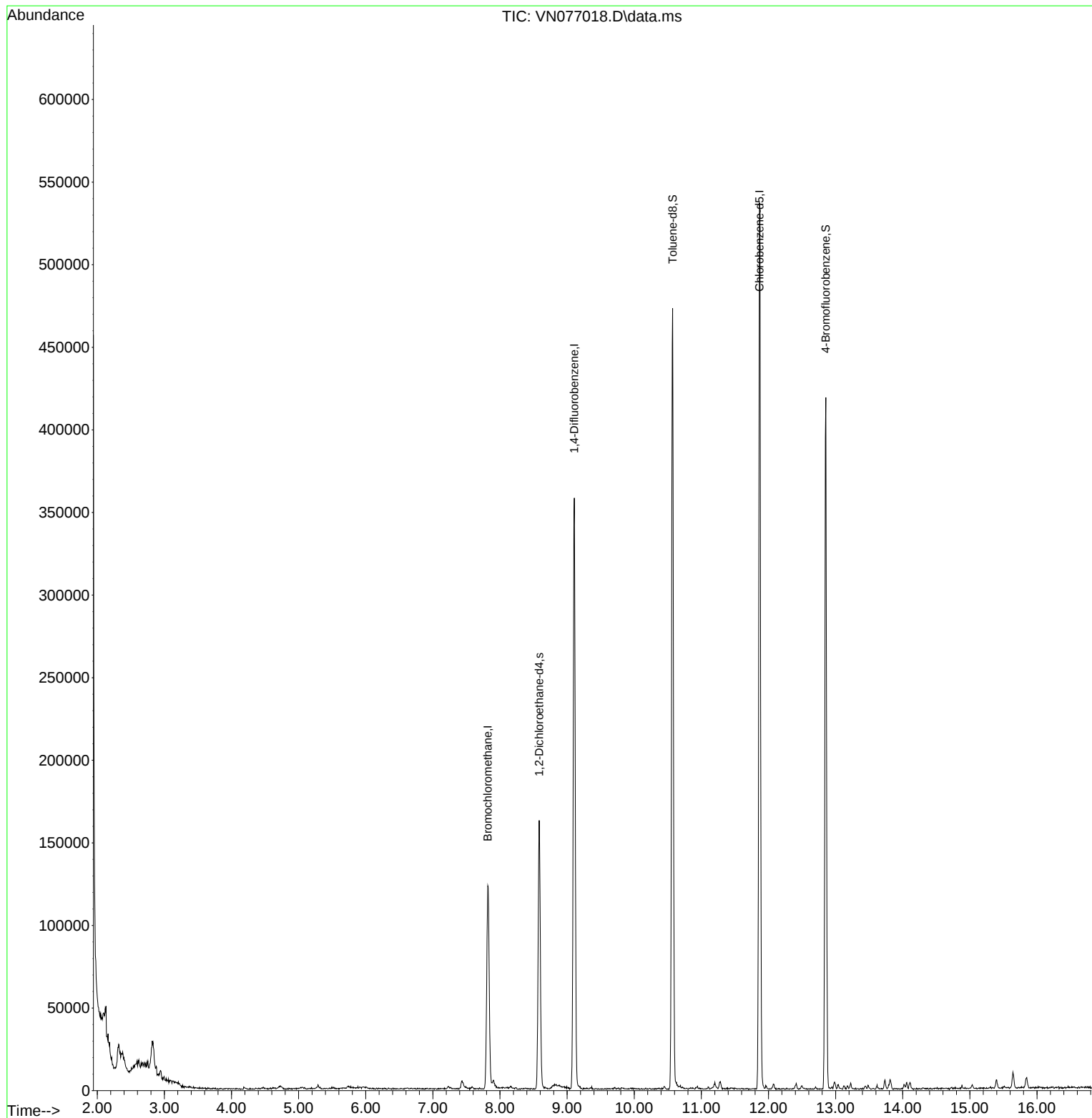
Target Compounds	Qvalue

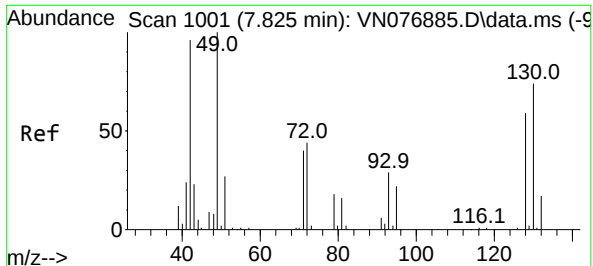
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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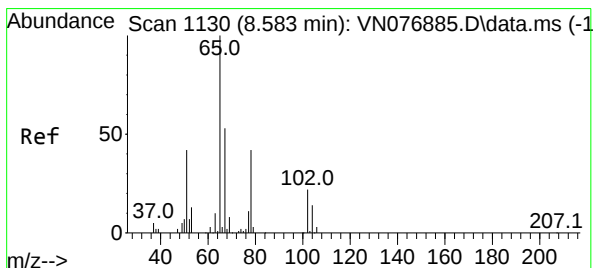
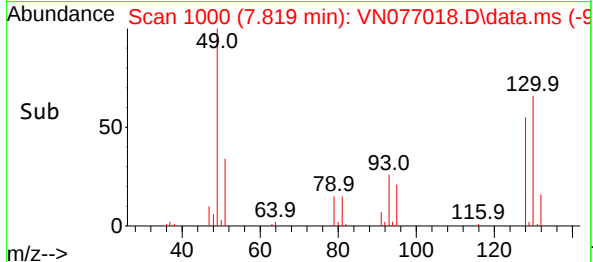
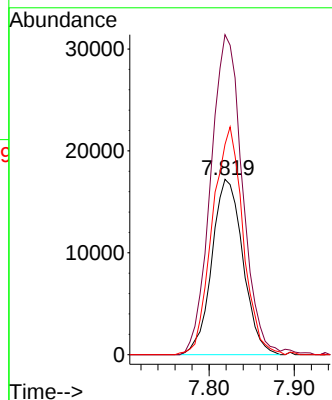
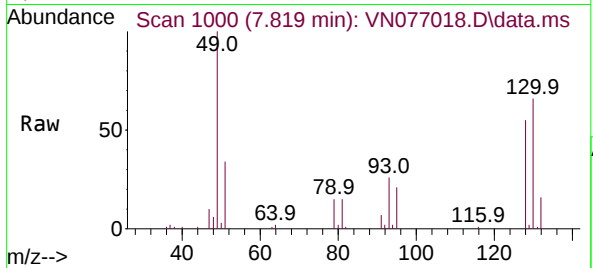




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077018.D
Acq: 16 Mar 2023 13:32

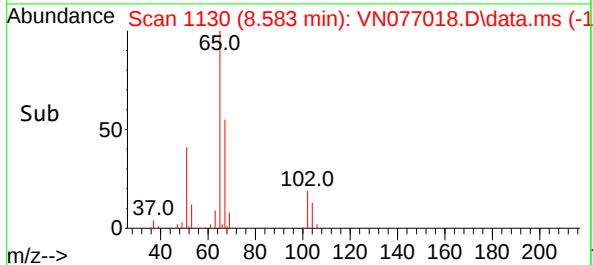
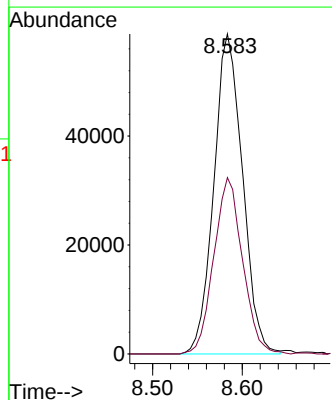
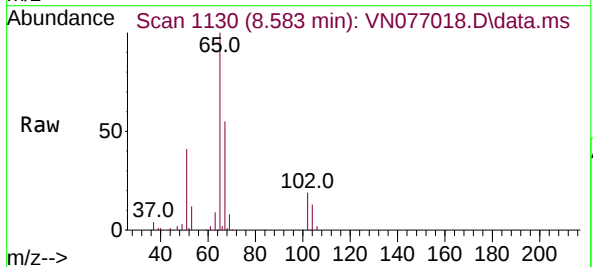
Instrument :
MSVOA_N
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VN0316WBL01

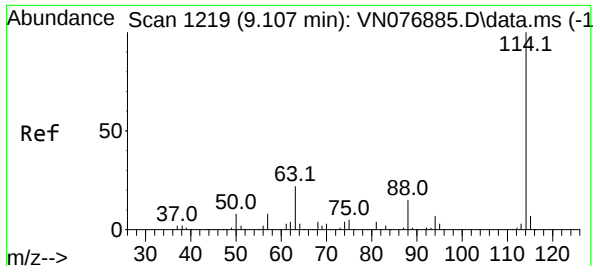
Tgt Ion:128 Resp: 43531
Ion Ratio Lower Upper
128 100
49 185.8 0.0 461.8
130 128.0 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 32.582 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077018.D
Acq: 16 Mar 2023 13:32

Tgt Ion: 65 Resp: 130367
Ion Ratio Lower Upper
65 100
67 55.1 40.9 61.3

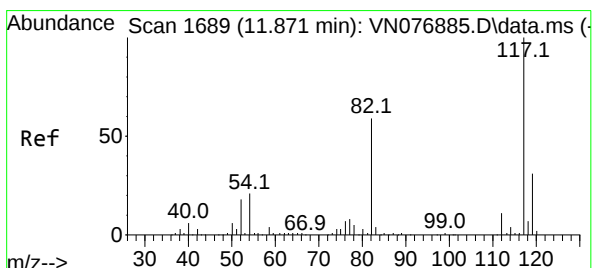
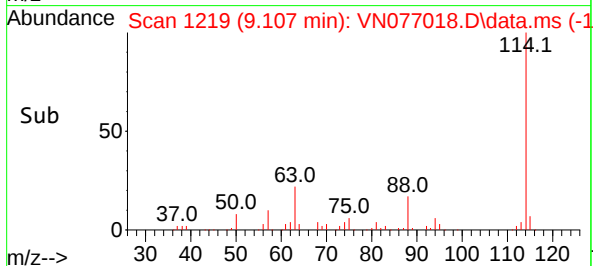
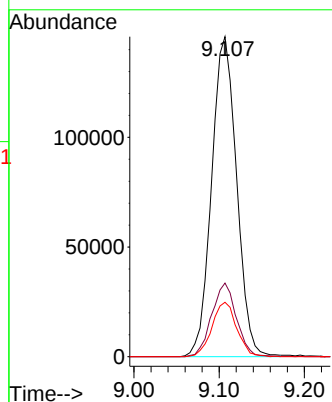
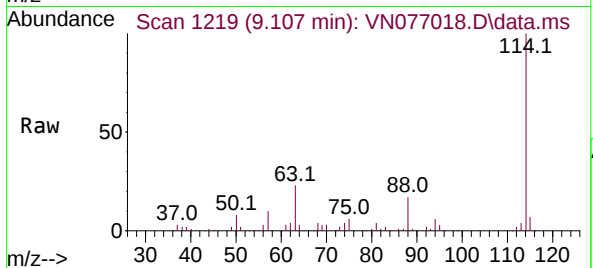




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077018.D
Acq: 16 Mar 2023 13:32

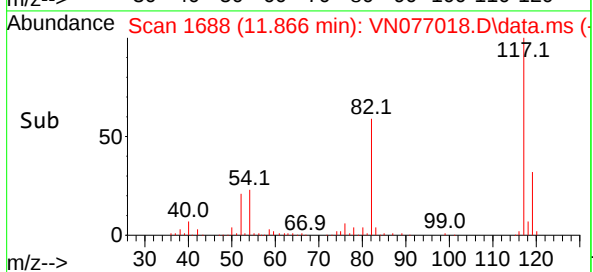
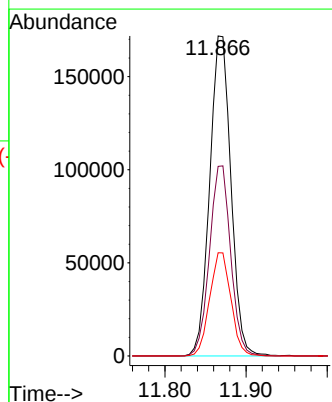
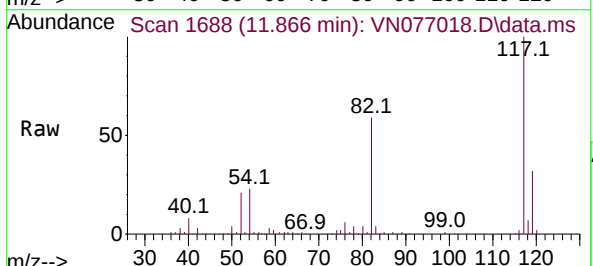
Instrument :
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VN0316WBL01

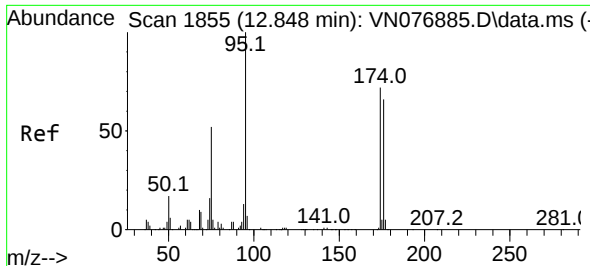
Tgt Ion:114 Resp: 297591
Ion Ratio Lower Upper
114 100
63 22.7 17.0 25.4
88 16.8 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077018.D
Acq: 16 Mar 2023 13:32

Tgt Ion:117 Resp: 312132
Ion Ratio Lower Upper
117 100
82 59.5 45.4 68.0
119 32.2 26.8 40.2

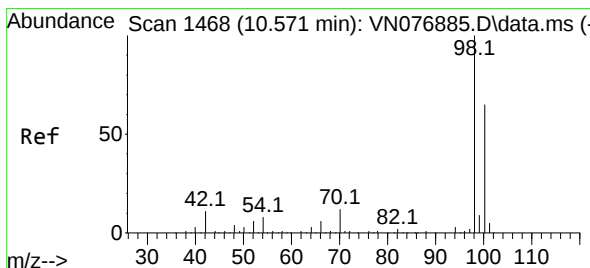
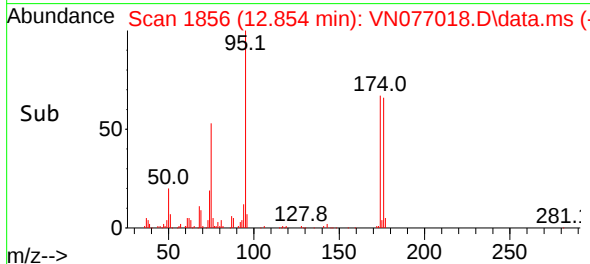
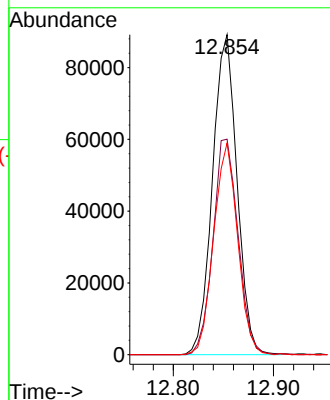
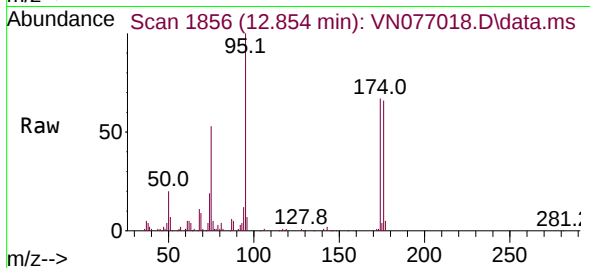




#60
4-Bromofluorobenzene
Concen: 25.587 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077018.D
Acq: 16 Mar 2023 13:32

Instrument :
MSVOA_N
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VN0316WBL01

Tgt Ion: 95 Resp: 151156
Ion Ratio Lower Upper
95 100
174 69.0 64.2 96.4
176 64.8 61.4 92.0



#63
Toluene-d8
Concen: 29.723 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077018.D
Acq: 16 Mar 2023 13:32

Tgt Ion: 98 Resp: 326318
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6

