

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077176.D
 Acq On : 24 Mar 2023 12:37
 Operator : JC\MD
 Sample : VN0324WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBL01

Quant Time: Mar 24 23:28:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	39896	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	242740	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	261594	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	122695	30.282	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.933%
60) 4-Bromofluorobenzene	12.854	95	109512	23.303	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.667%
63) Toluene-d8	10.572	98	273214	29.258	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.533%

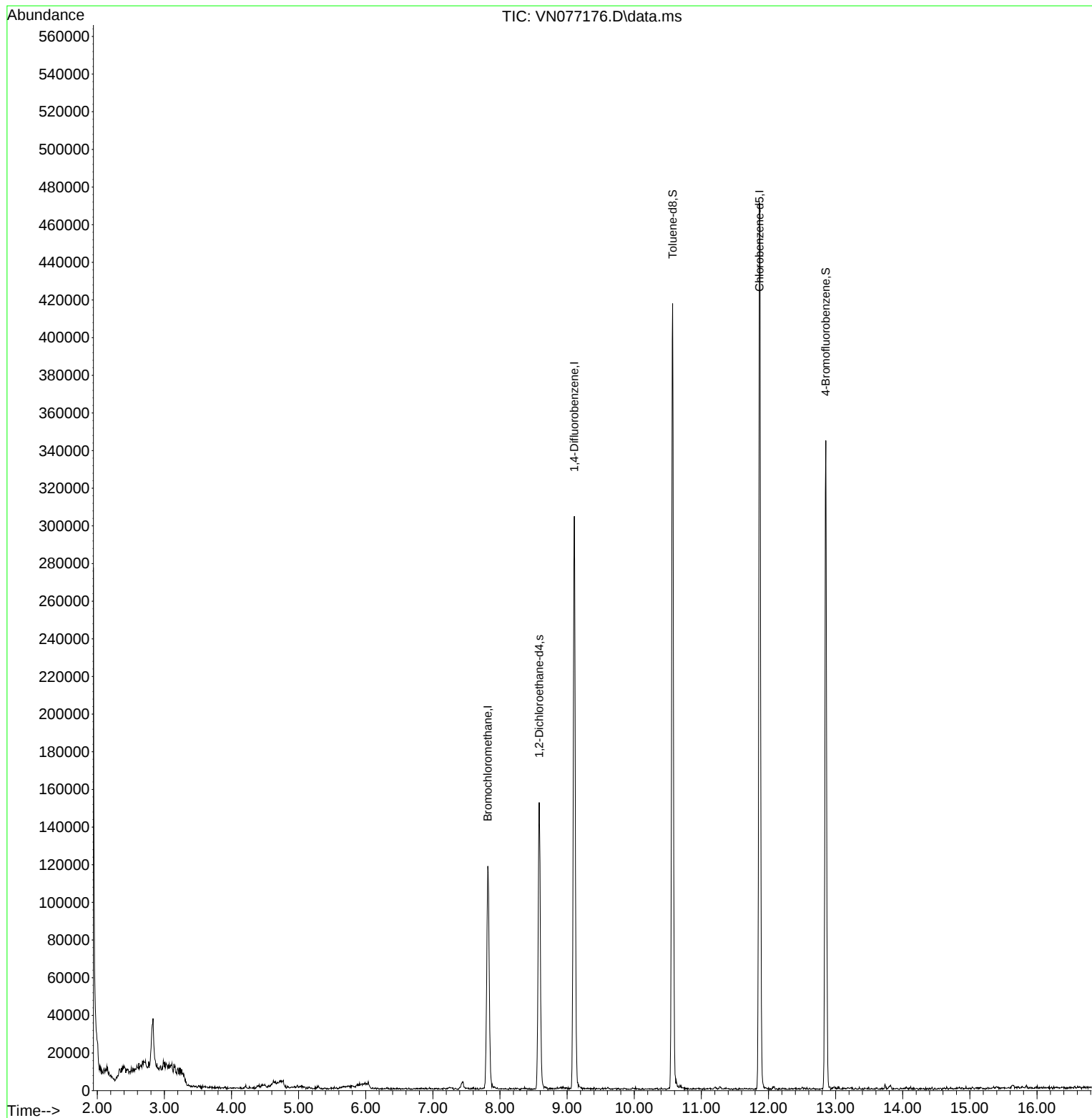
Target Compounds	Qvalue

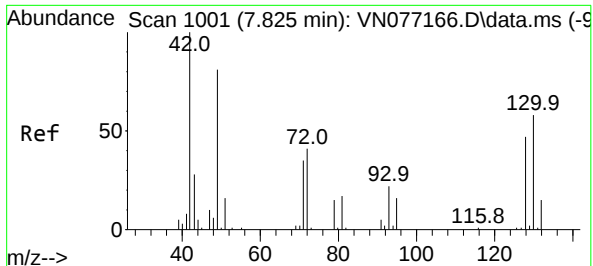
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
Data File : VN077176.D
Acq On : 24 Mar 2023 12:37
Operator : JC\MD
Sample : VN0324WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

Quant Time: Mar 24 23:28:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 24 05:55:38 2023
Response via : Initial Calibration

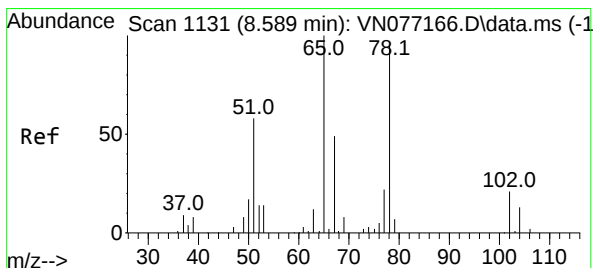
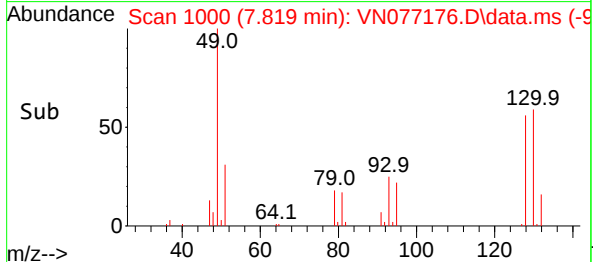
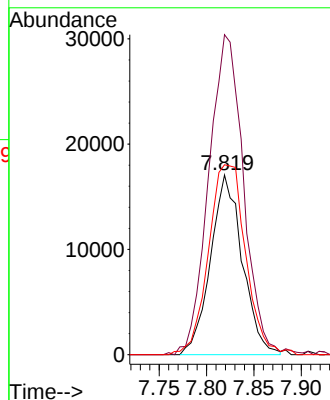
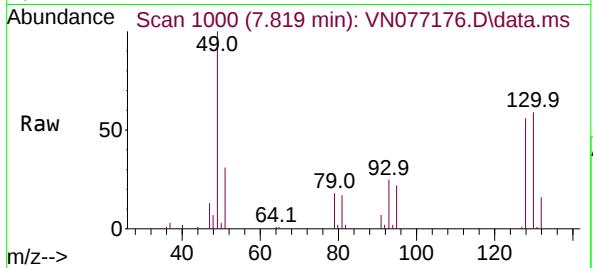




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077176.D
Acq: 24 Mar 2023 12:37

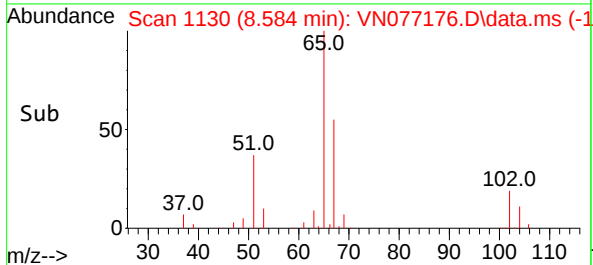
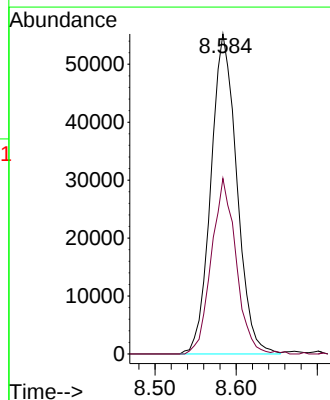
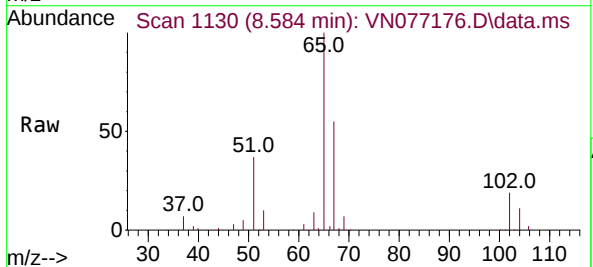
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

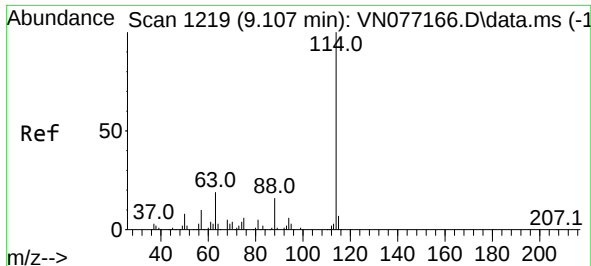
Tgt Ion:128 Resp: 39896
Ion Ratio Lower Upper
128 100
49 193.4 0.0 461.8
130 122.9 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 30.282 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.005 min
Lab File: VN077176.D
Acq: 24 Mar 2023 12:37

Tgt Ion: 65 Resp: 122695
Ion Ratio Lower Upper
65 100
67 51.9 40.9 61.3

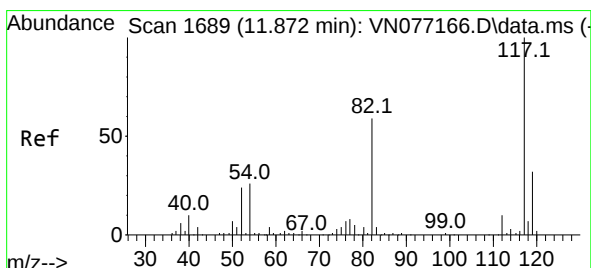
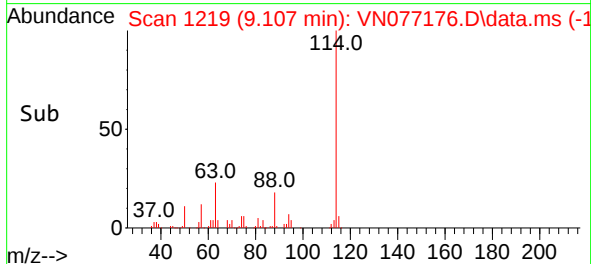
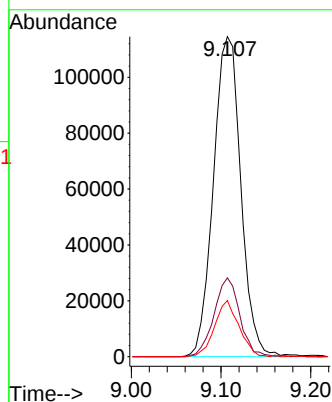
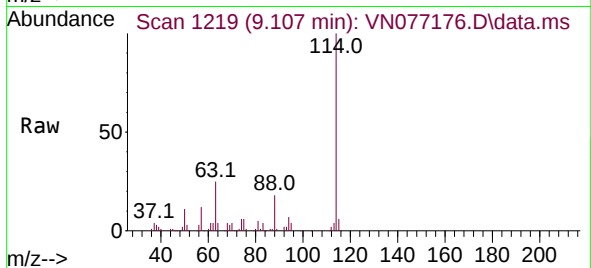




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077176.D
Acq: 24 Mar 2023 12:37

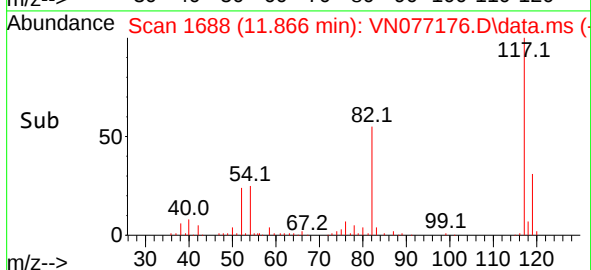
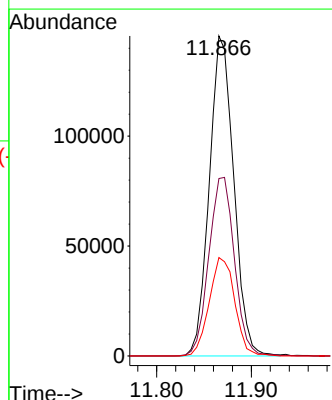
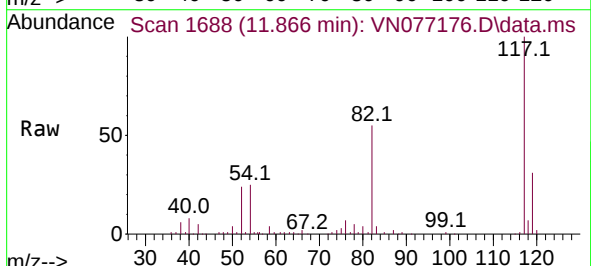
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

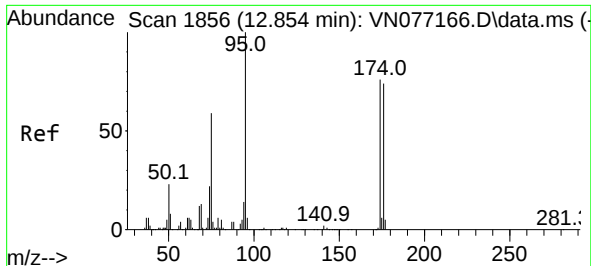
Tgt Ion:	114	Resp:	242740
Ion	Ratio	Lower	Upper
114	100		
63	23.1	17.0	25.4
88	15.6	11.6	17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VN077176.D
Acq: 24 Mar 2023 12:37

Tgt Ion:	117	Resp:	261594
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.0
119	32.1	26.8	40.2

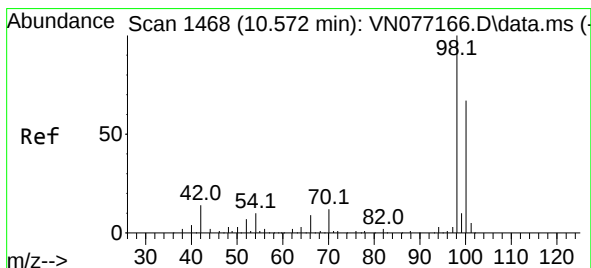
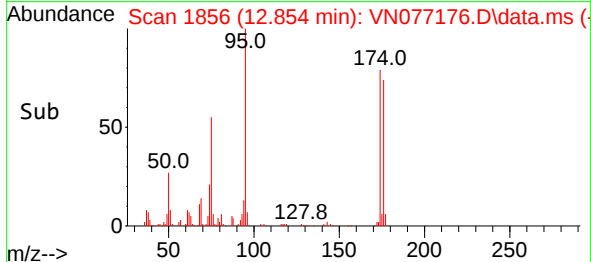
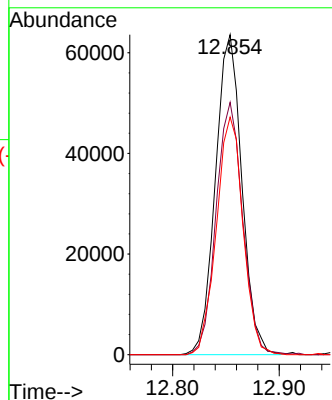
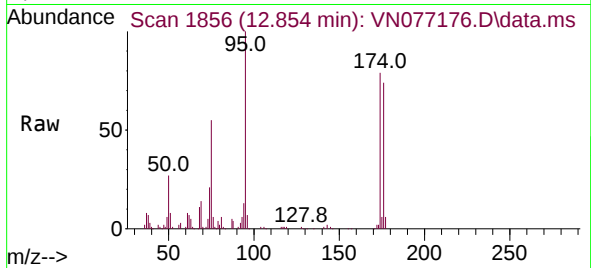




#60
4-Bromofluorobenzene
Concen: 23.303 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077176.D
Acq: 24 Mar 2023 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

Tgt Ion: 95 Resp: 109512
Ion Ratio Lower Upper
95 100
174 79.3 64.2 96.4
176 74.8 61.4 92.0



#63
Toluene-d8
Concen: 29.258 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077176.D
Acq: 24 Mar 2023 12:37

Tgt Ion: 98 Resp: 273214
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.6

