

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042123\
 Data File : VN077426.D
 Acq On : 21 Apr 2023 15:38
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 22 02:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	56896	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	381666	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	388727	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	149824	31.049	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.500%
60) 4-Bromofluorobenzene	12.854	95	173431	25.802	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.000%
63) Toluene-d8	10.572	98	408299	29.878	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.600%

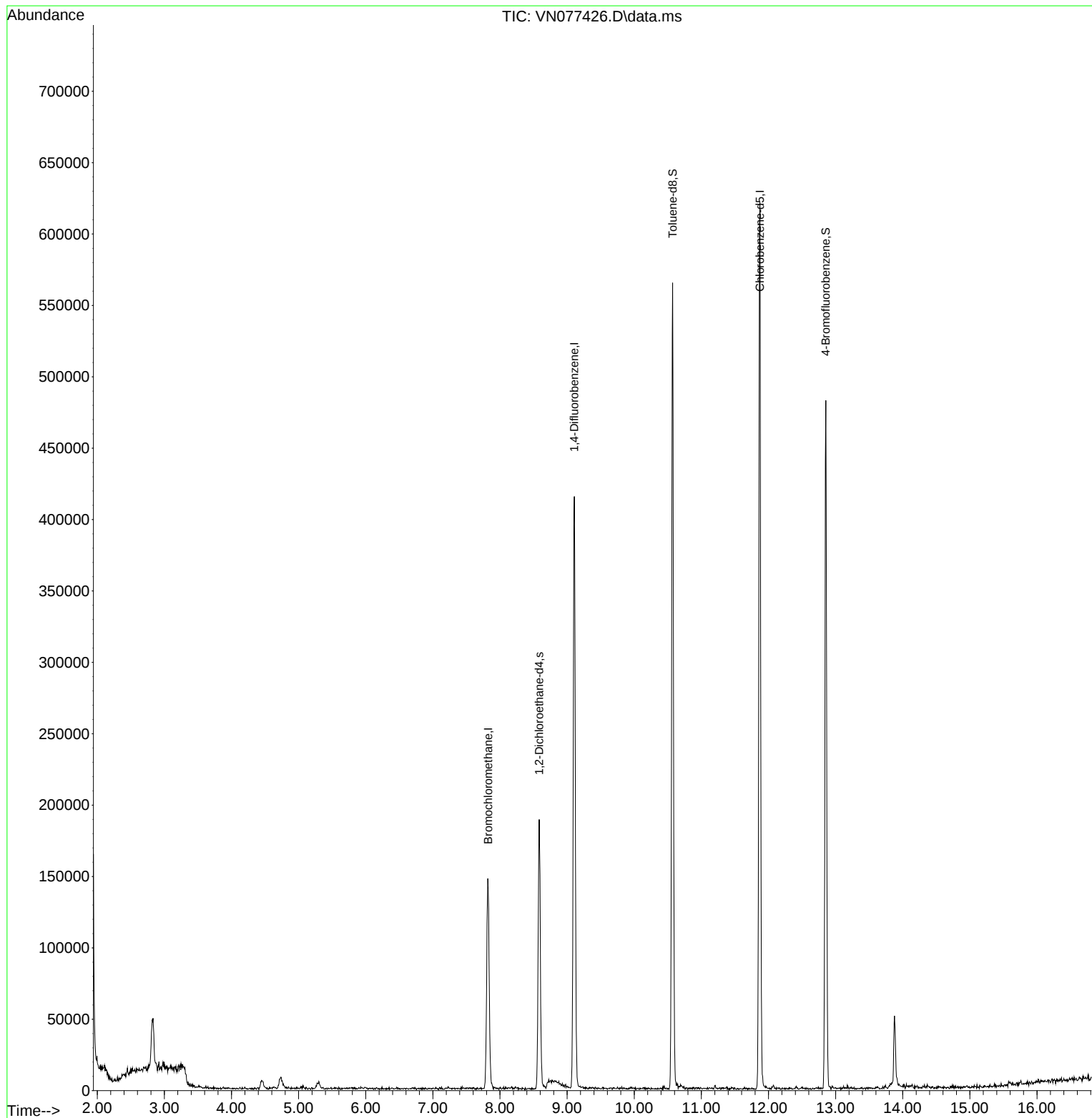
Target Compounds	Qvalue

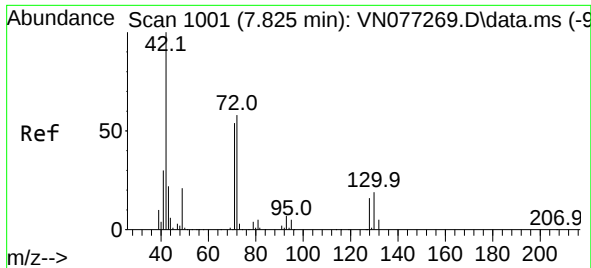
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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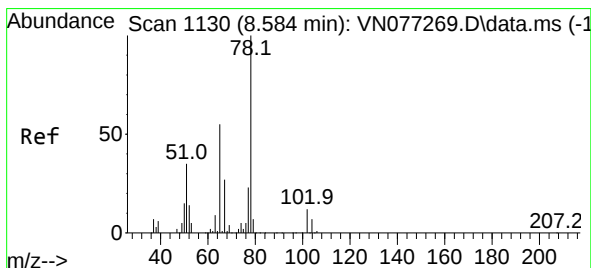
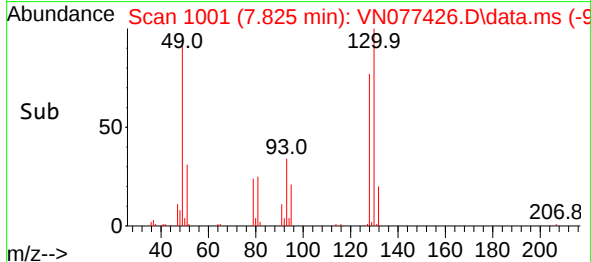
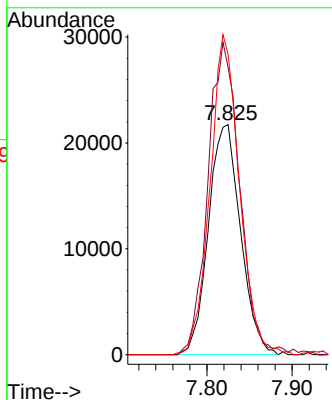
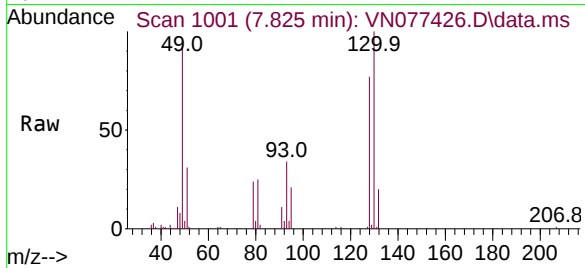




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077426.D
Acq: 21 Apr 2023 15:38

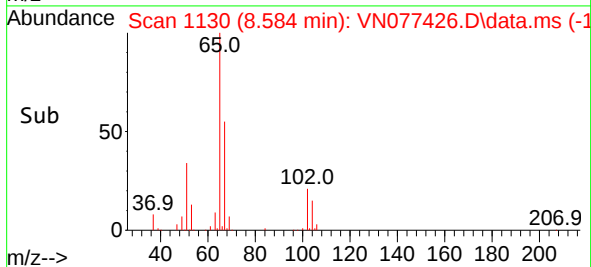
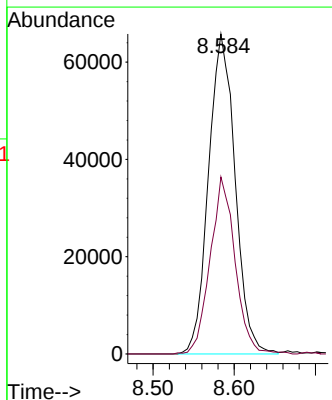
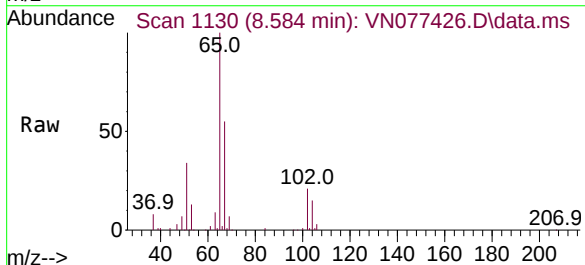
Instrument :
MSVOA_N
ClientSampleId :
IBLK

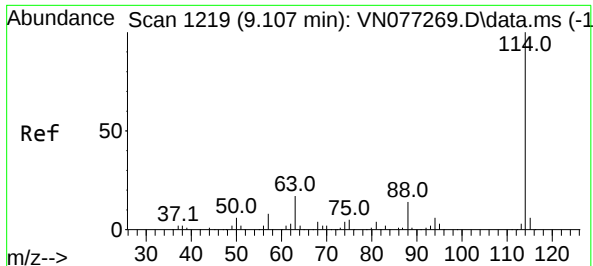
Tgt Ion:128 Resp: 56896
Ion Ratio Lower Upper
128 100
49 133.3 0.0 379.5
130 127.1 0.0 322.8



#27
1,2-Dichloroethane-d4
Concen: 31.049 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077426.D
Acq: 21 Apr 2023 15:38

Tgt Ion: 65 Resp: 149824
Ion Ratio Lower Upper
65 100
67 50.8 41.8 62.6

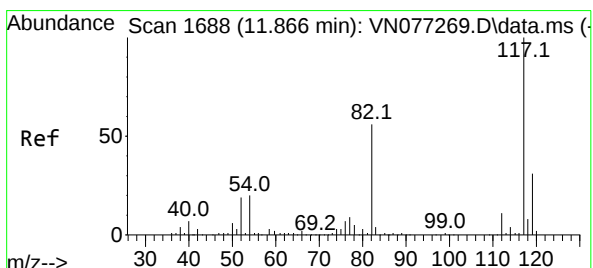
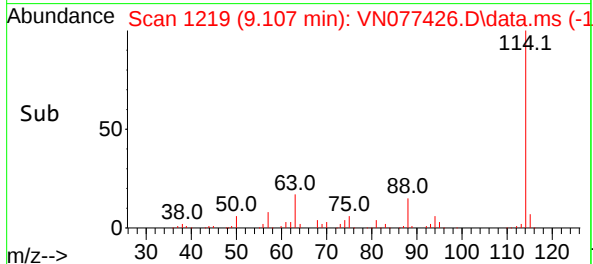
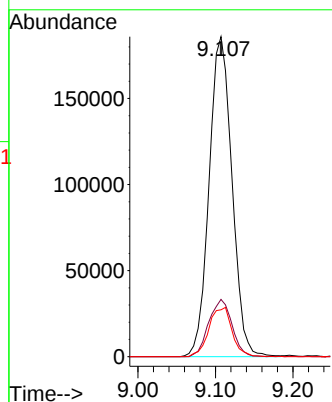
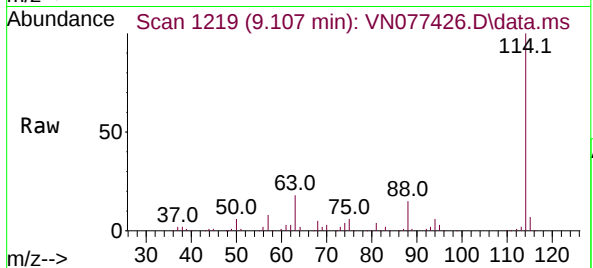




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077426.D
Acq: 21 Apr 2023 15:38

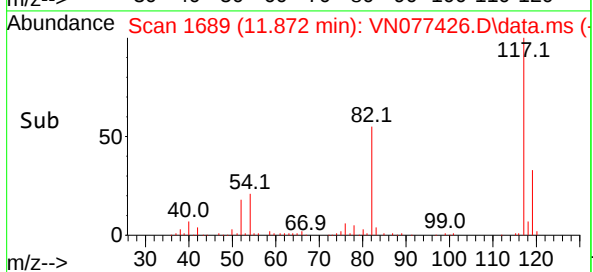
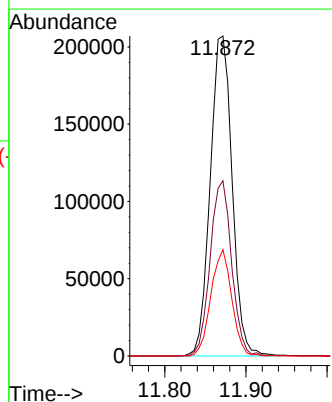
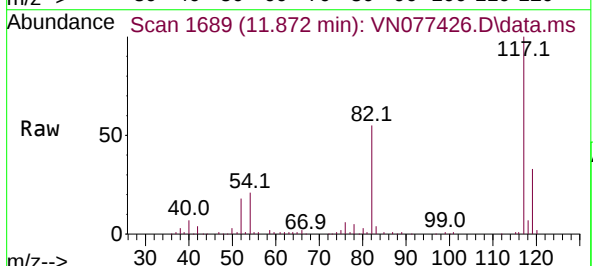
Instrument :
MSVOA_N
ClientSampleId :
IBLK

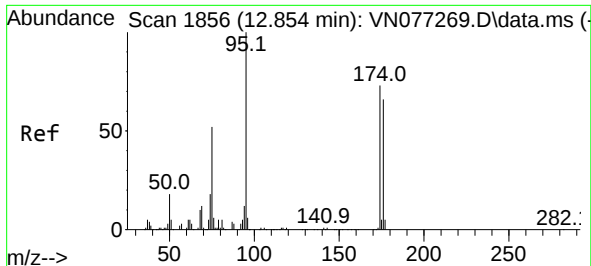
Tgt Ion:114 Resp: 381666
Ion Ratio Lower Upper
114 100
63 18.2 15.0 22.4
88 15.6 11.9 17.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077426.D
Acq: 21 Apr 2023 15:38

Tgt Ion:117 Resp: 388727
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.5 25.4 38.0

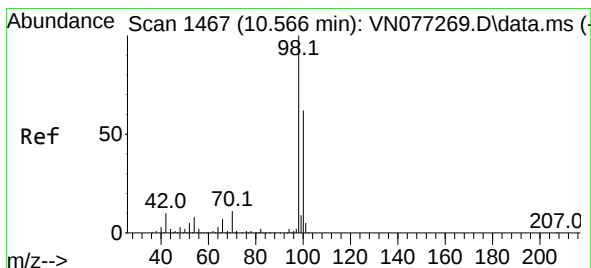
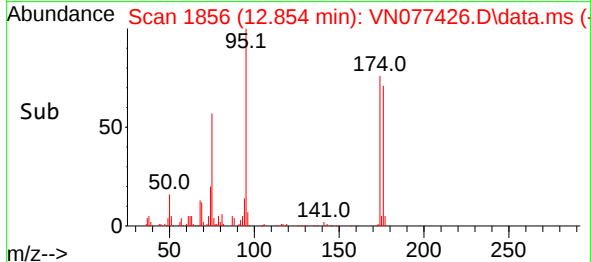
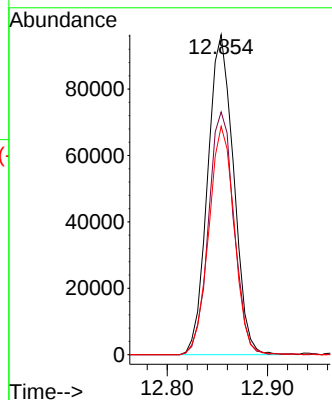
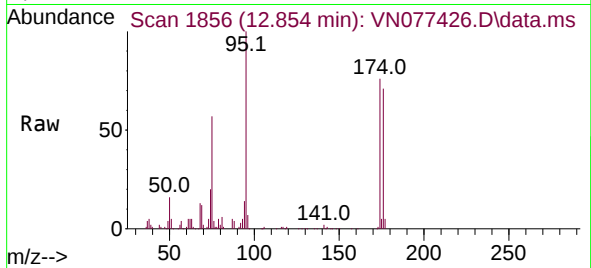




#60
4-Bromofluorobenzene
Concen: 25.802 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077426.D
Acq: 21 Apr 2023 15:38

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 173431
Ion Ratio Lower Upper
95 100
174 74.2 57.8 86.8
176 70.2 54.6 81.8



#63
Toluene-d8
Concen: 29.878 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077426.D
Acq: 21 Apr 2023 15:38

Tgt Ion: 98 Resp: 408299
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2

