

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076735.D
 Acq On : 17 Feb 2023 15:28
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 18 02:09:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	27142	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	185899	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	196662	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	81028	32.640	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.800%
60) 4-Bromofluorobenzene	12.854	95	83471	23.996	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.000%
63) Toluene-d8	10.572	98	204127	29.633	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.767%

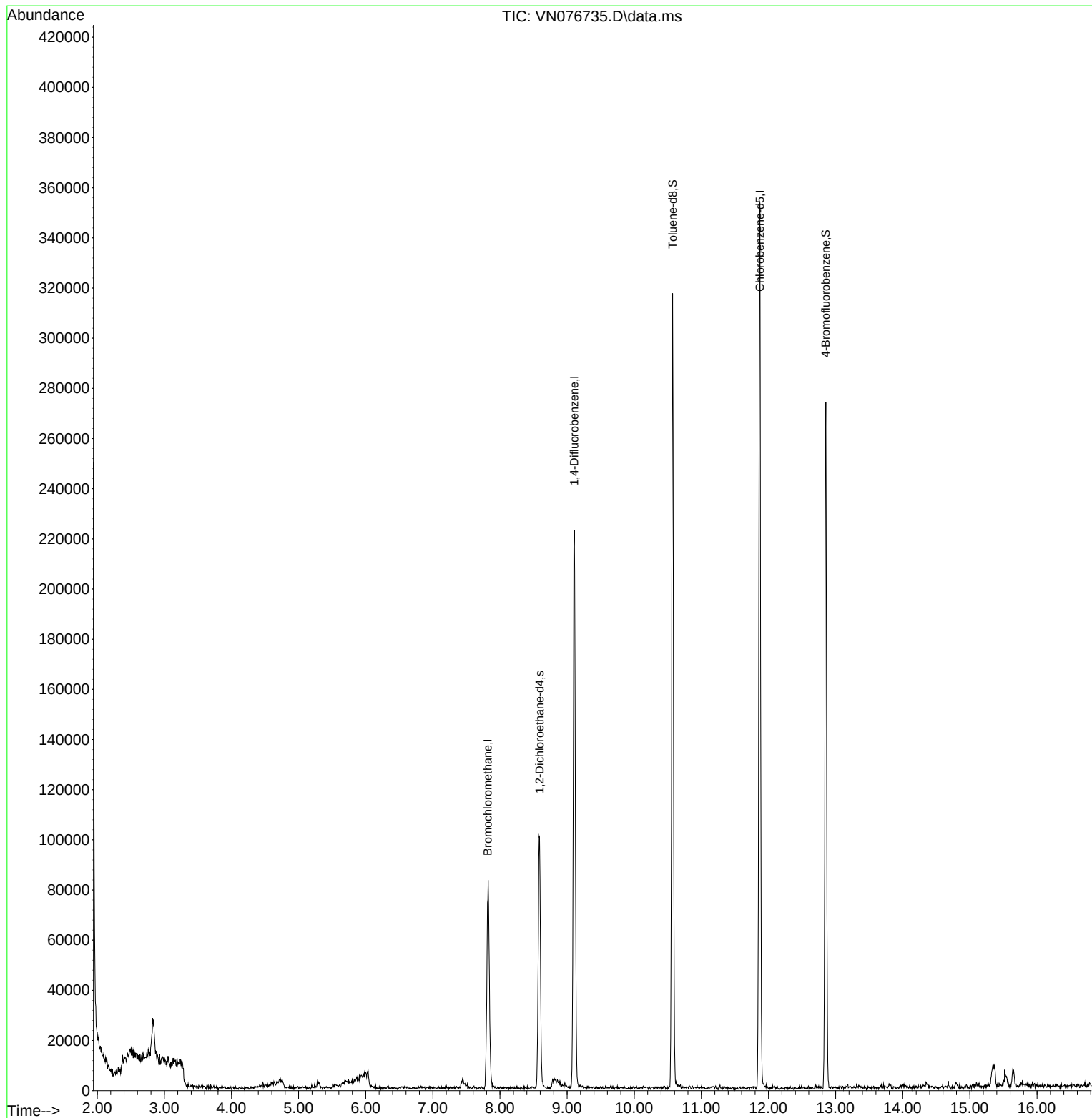
Target Compounds	Qvalue

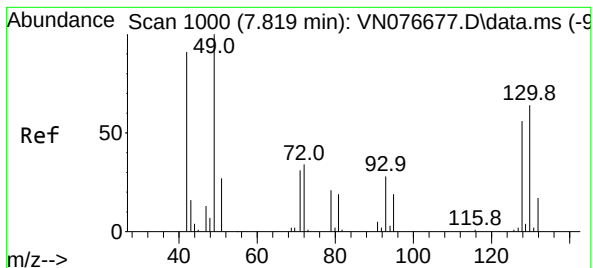
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076735.D
Acq On : 17 Feb 2023 15:28
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Feb 18 02:09:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Feb 16 01:08:46 2023
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN076735.D

Acq: 17 Feb 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

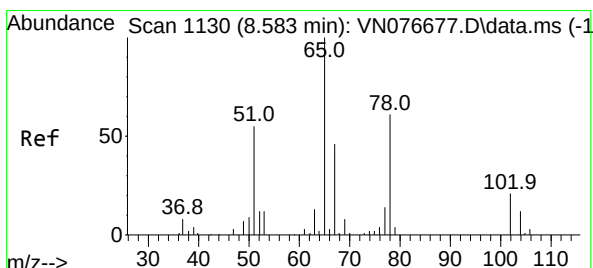
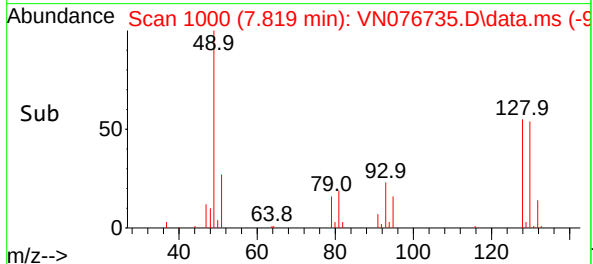
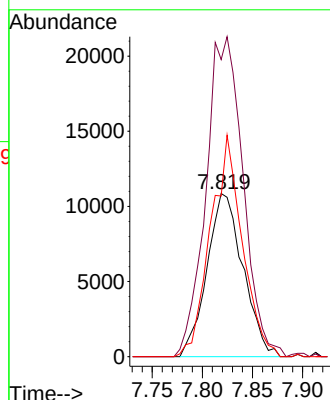
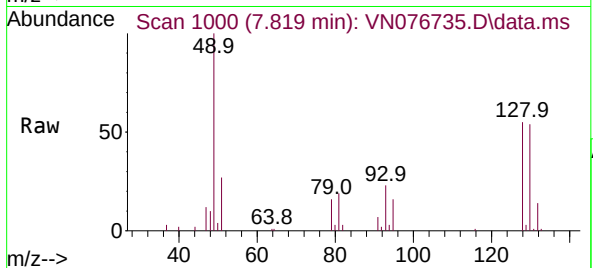
Tgt Ion:128 Resp: 27142

Ion Ratio Lower Upper

128 100

49 202.1 0.0 461.8

130 120.0 0.0 295.3



#27

1,2-Dichloroethane-d4

Concen: 32.640 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN076735.D

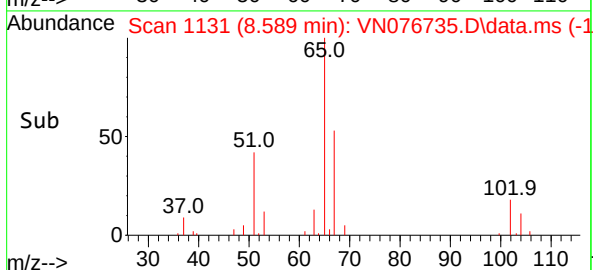
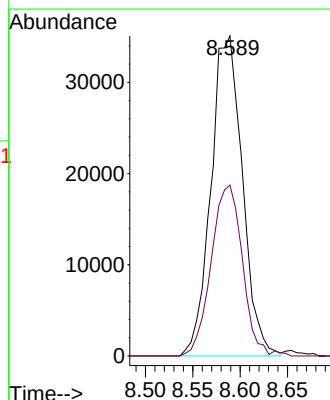
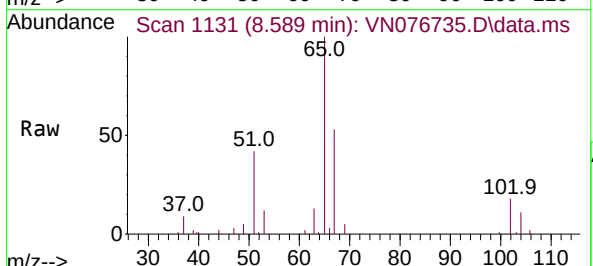
Acq: 17 Feb 2023 15:28

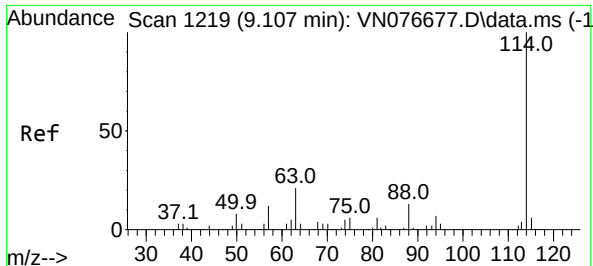
Tgt Ion: 65 Resp: 81028

Ion Ratio Lower Upper

65 100

67 52.6 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: VN076735.D

Acq: 17 Feb 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

IBLK

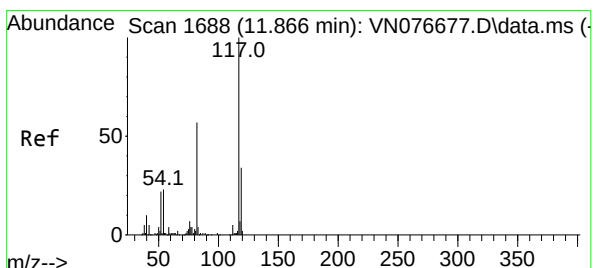
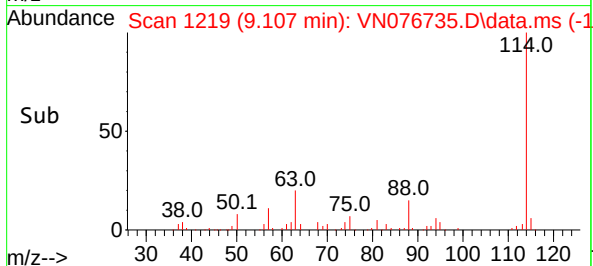
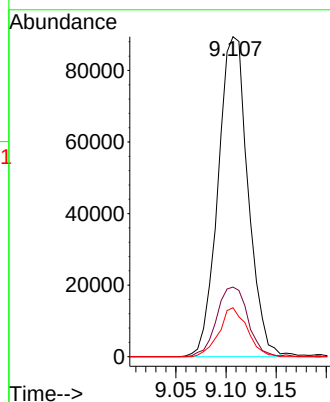
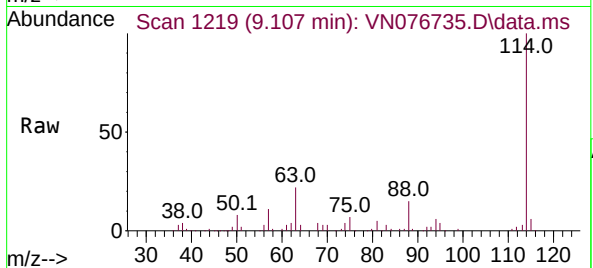
Tgt Ion:114 Resp: 185899

Ion Ratio Lower Upper

114 100

63 22.7 17.0 25.4

88 14.4 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1689

Delta R.T. 0.006 min

Lab File: VN076735.D

Acq: 17 Feb 2023 15:28

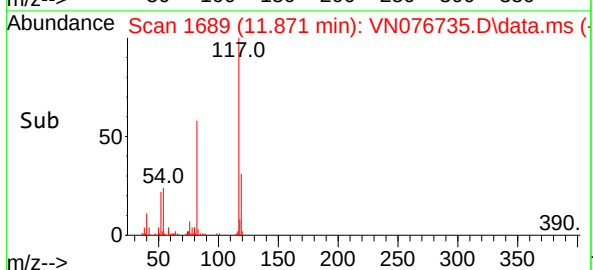
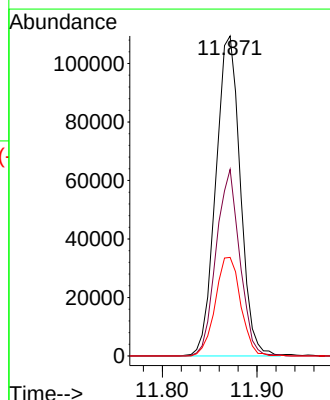
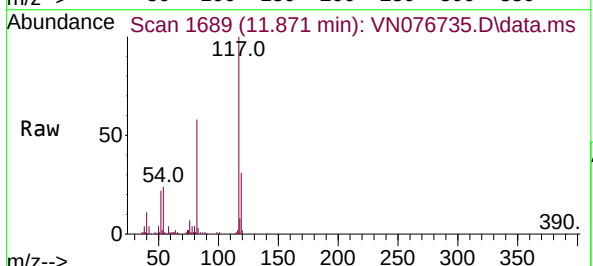
Tgt Ion:117 Resp: 196662

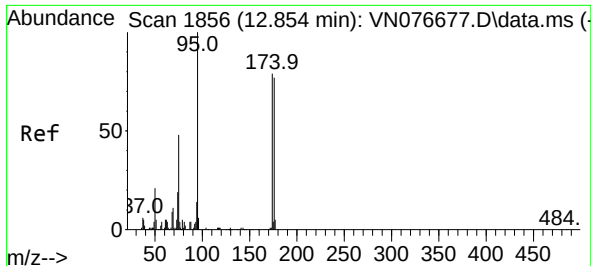
Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 31.9 26.8 40.2

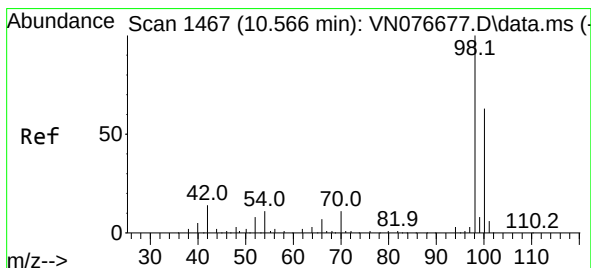
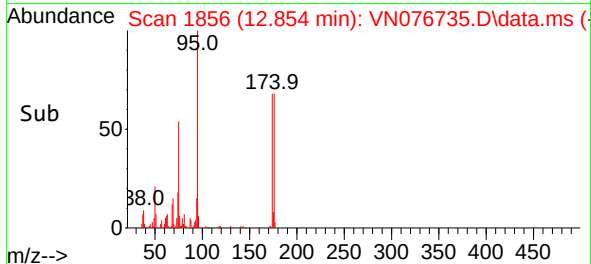
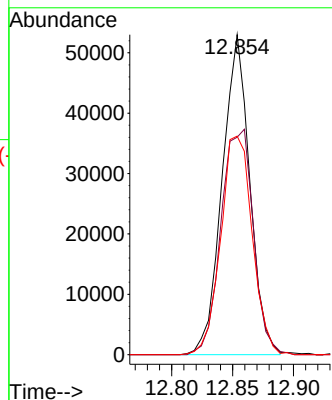
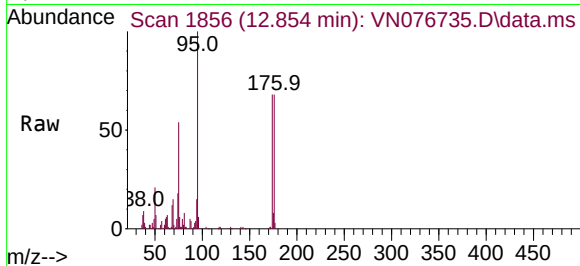




#60
4-Bromofluorobenzene
Concen: 23.996 ug/l
RT: 12.854 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 83471
Ion Ratio Lower Upper
95 100
174 82.5 64.2 96.4
176 78.3 61.4 92.0



#63
Toluene-d8
Concen: 29.633 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076735.D
Acq: 17 Feb 2023 15:28

Tgt Ion: 98 Resp: 204127
Ion Ratio Lower Upper
98 100
100 62.8 53.8 80.6

