

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076697.D
 Acq On : 15 Feb 2023 20:04
 Operator : JC\MD
 Sample : 01553-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-06

Quant Time: Feb 16 04:36:51 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	7.831	128	25930	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	9.107	114	166408	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	182126	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	77874	32.836	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.467%
60) 4-Bromofluorobenzene	12.854	95	77623	24.096	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.333%
63) Toluene-d8	10.572	98	180753	28.334	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.433%

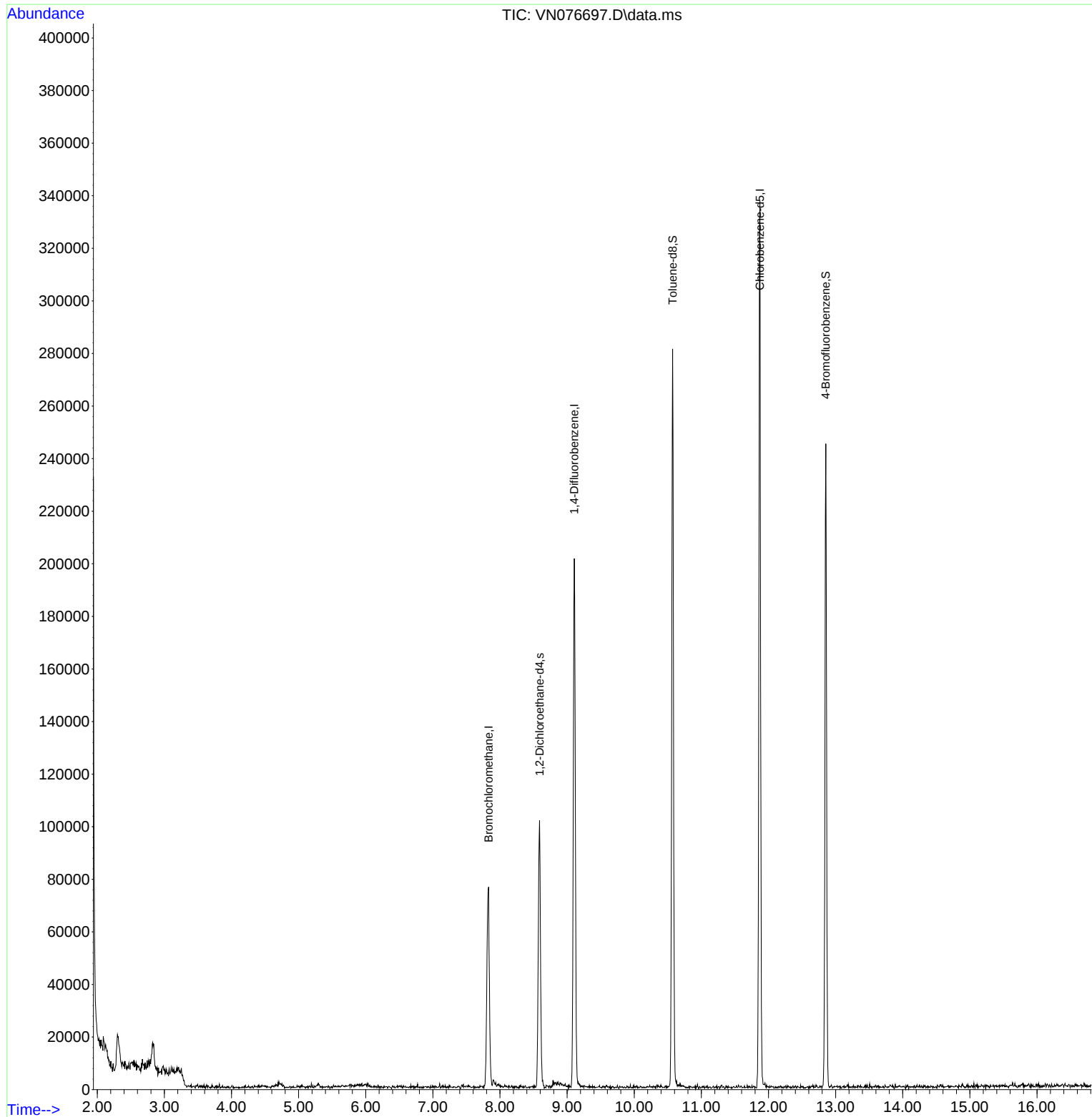
Target Compounds	Qvalue

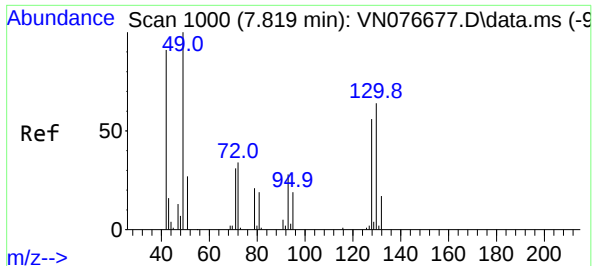
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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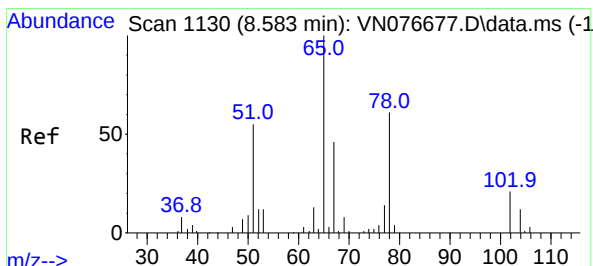
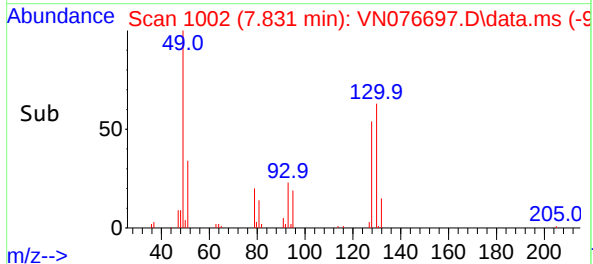
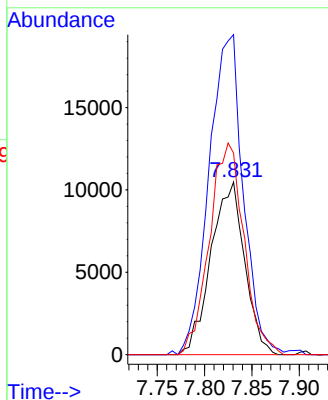
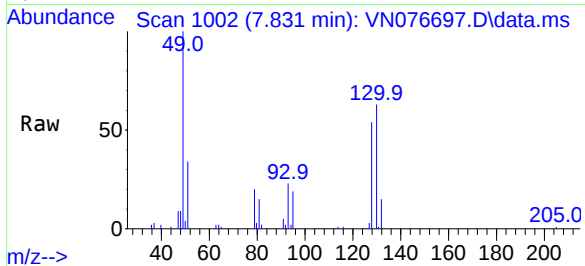




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.831 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN076697.D
Acq: 15 Feb 2023 20:04

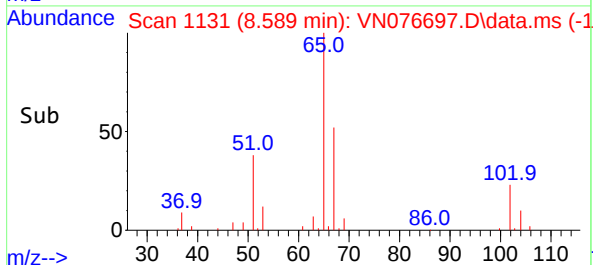
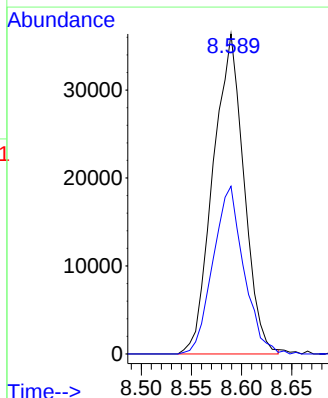
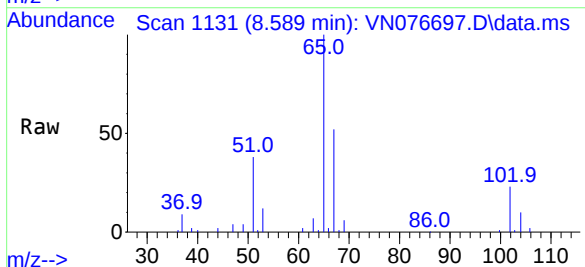
Instrument :
MSVOA_N
ClientSampleId :
TWP-06

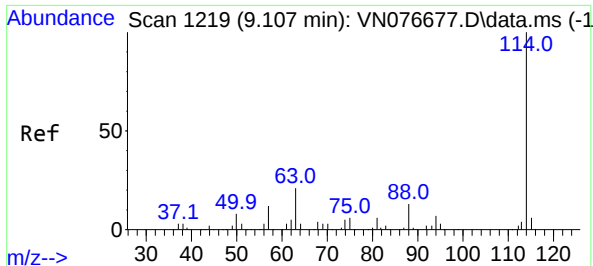
Tgt Ion:128 Resp: 25930
Ion Ratio Lower Upper
128 100
49 188.2 0.0 461.8
130 125.8 0.0 295.3



#27
1,2-Dichloroethane-d4
Concen: 32.836 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN076697.D
Acq: 15 Feb 2023 20:04

Tgt Ion: 65 Resp: 77874
Ion Ratio Lower Upper
65 100
67 52.3 40.9 61.3



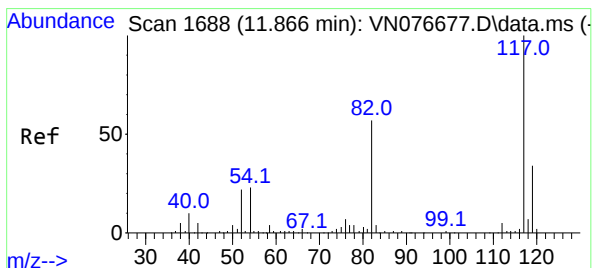
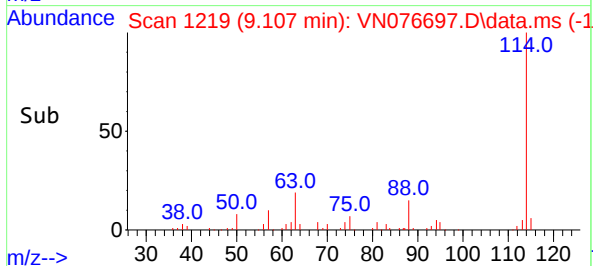
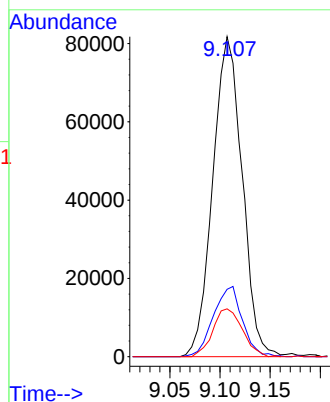
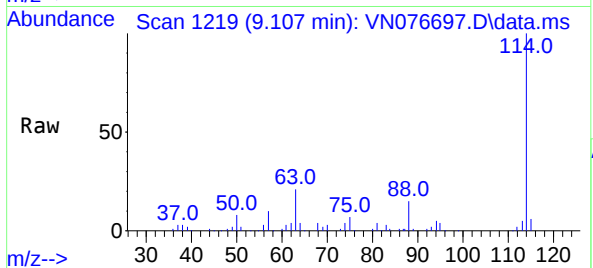


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076697.D
Acq: 15 Feb 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
TWP-06

Tgt Ion:114 Resp: 166408

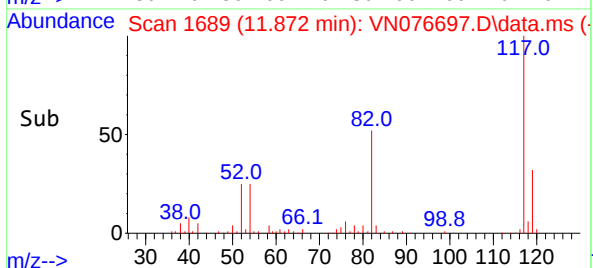
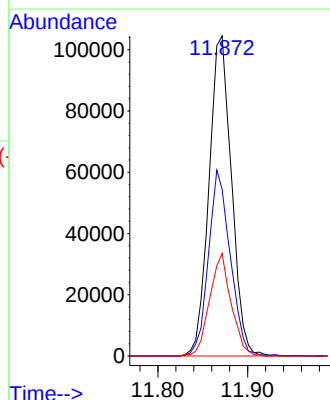
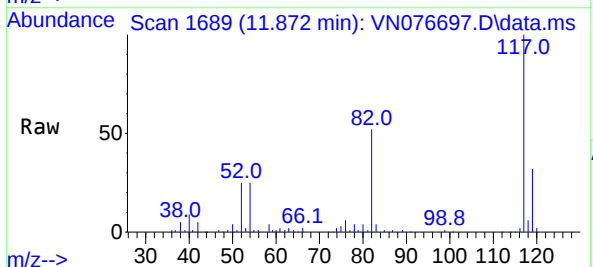
Ion	Ratio	Lower	Upper
114	100		
63	21.7	17.0	25.4
88	15.1	11.6	17.4

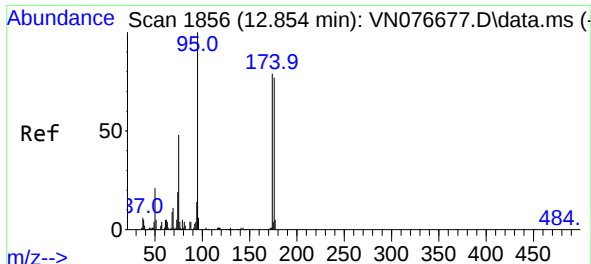


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076697.D
Acq: 15 Feb 2023 20:04

Tgt Ion:117 Resp: 182126

Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.4	68.0
119	30.6	26.8	40.2

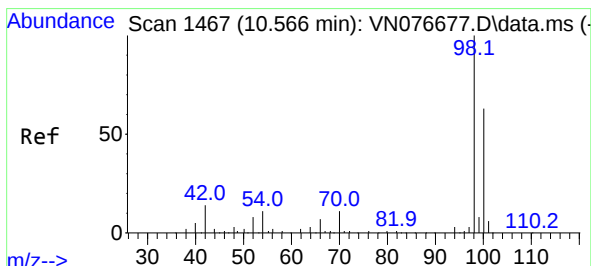
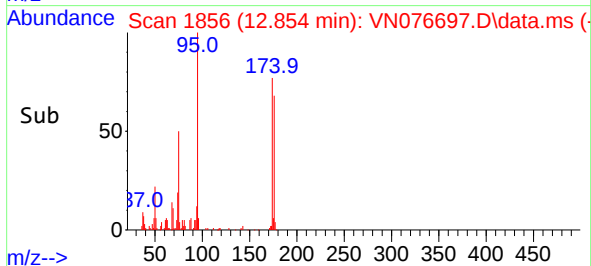
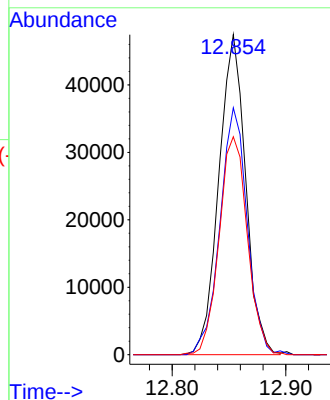
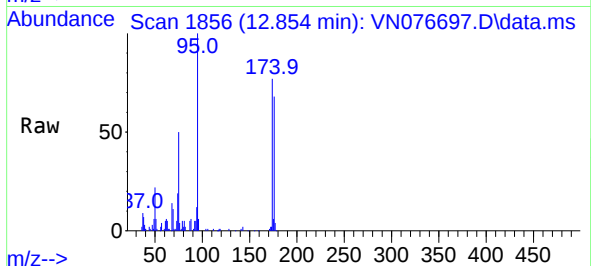




#60
4-Bromofluorobenzene
Concen: 24.096 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076697.D
Acq: 15 Feb 2023 20:04

Instrument :
MSVOA_N
ClientSampleId :
TWP-06

Tgt Ion: 95 Resp: 77623
Ion Ratio Lower Upper
95 100
174 78.2 64.2 96.4
176 72.0 61.4 92.0



#63
Toluene-d8
Concen: 28.334 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076697.D
Acq: 15 Feb 2023 20:04

Tgt Ion: 98 Resp: 180753
Ion Ratio Lower Upper
98 100
100 64.4 53.8 80.6

