

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066732.D
 Acq On : 23 Apr 2021 12:56
 Operator : JC/MD
 Sample : VN0423WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBL01

Quant Time: Apr 26 03:19:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.111	128	49349	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.516	114	258070	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	217090	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.950	65	104995	29.53	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.43%
60) 4-Bromofluorobenzene	12.349	95	73176	21.51	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	71.70%
63) Toluene-d8	10.029	98	308715	30.91	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.03%

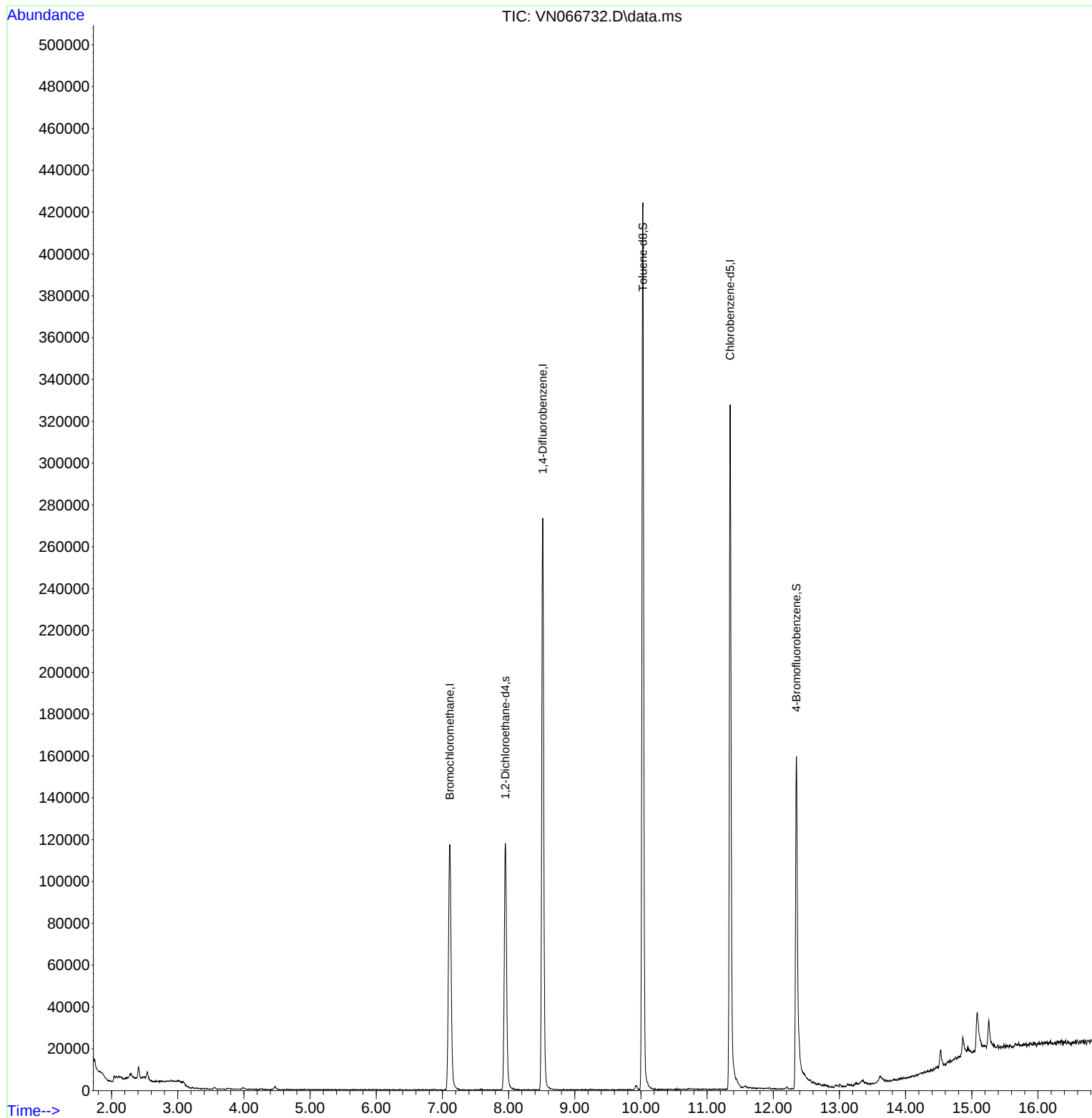
Target Compounds	Qvalue

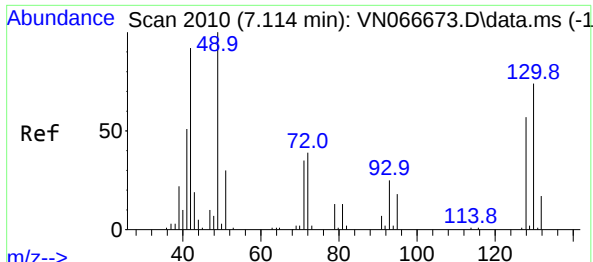
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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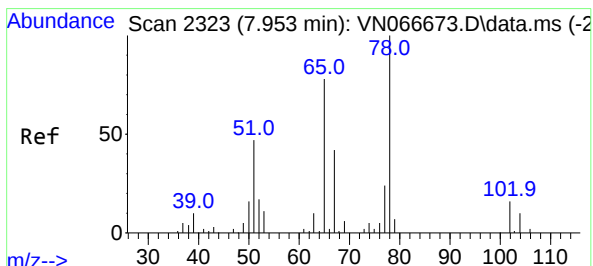
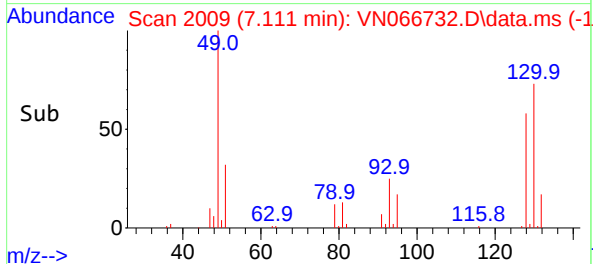
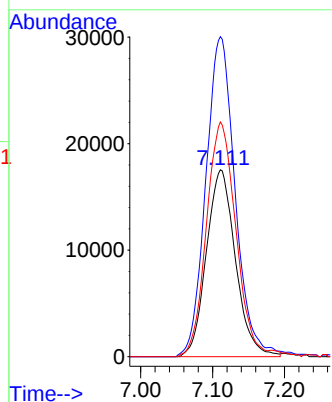
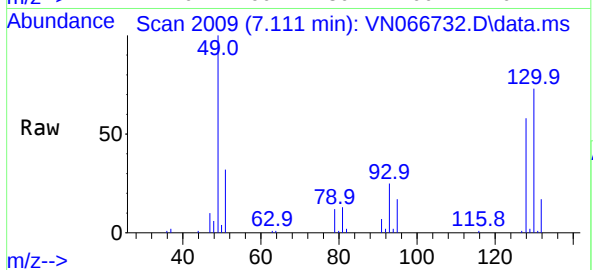




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.111 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066732.D
Acq: 23 Apr 2021 12:56

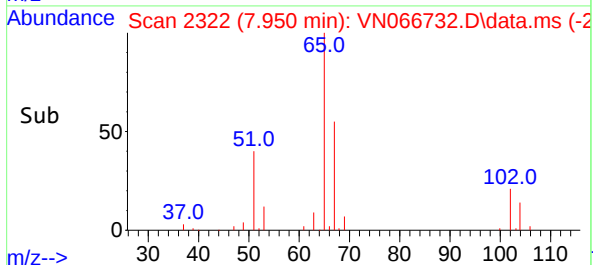
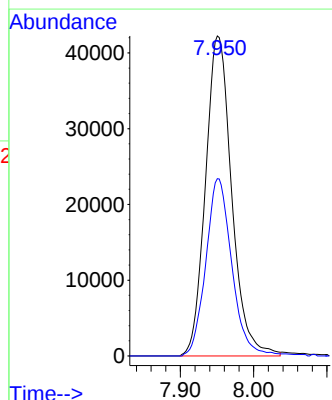
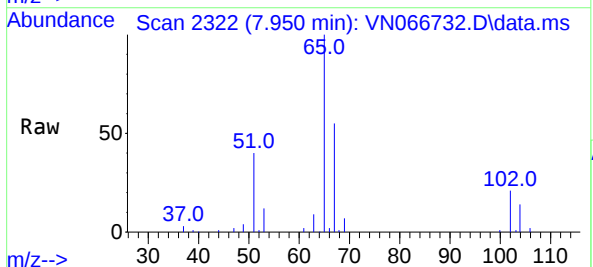
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBL01

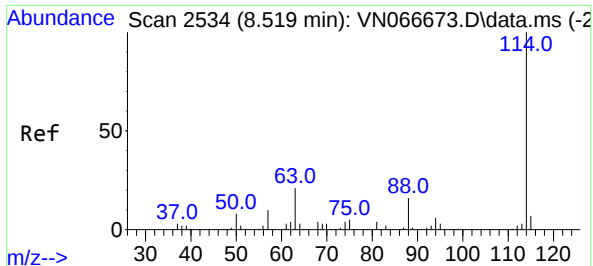
Tgt Ion:128 Resp: 49349
Ion Ratio Lower Upper
128 100
49 170.6 0.0 429.3
130 126.5 0.0 328.5



#27
1,2-Dichloroethane-d4
Concen: 29.53 ug/l
RT: 7.950 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VN066732.D
Acq: 23 Apr 2021 12:56

Tgt Ion: 65 Resp: 104995
Ion Ratio Lower Upper
65 100
67 54.4 42.2 63.4





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.516 min Scan# 2533

Delta R.T. -0.003 min

Lab File: VN066732.D

Acq: 23 Apr 2021 12:56

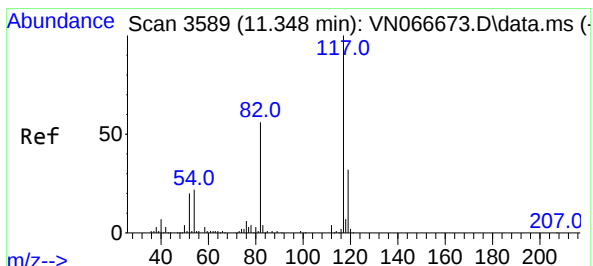
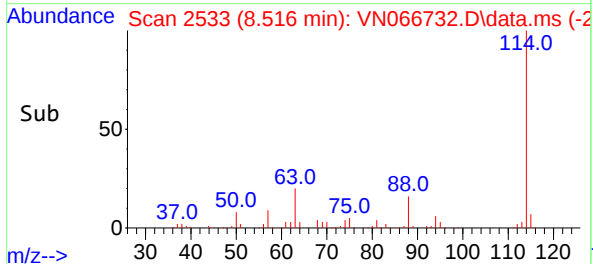
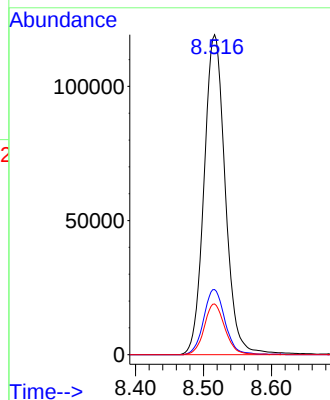
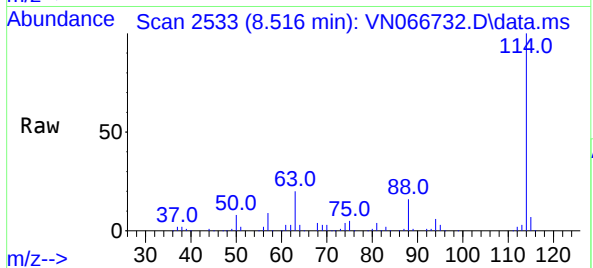
Tgt Ion:114 Resp: 258070

Ion Ratio Lower Upper

114 100

63 20.5 17.4 26.0

88 15.5 12.6 19.0



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.348 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VN066732.D

Acq: 23 Apr 2021 12:56

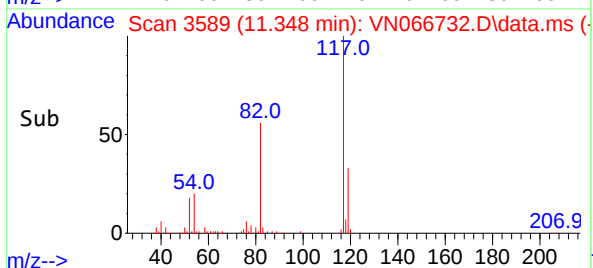
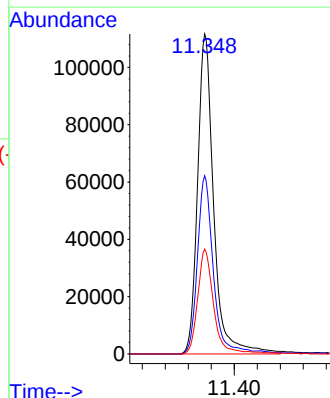
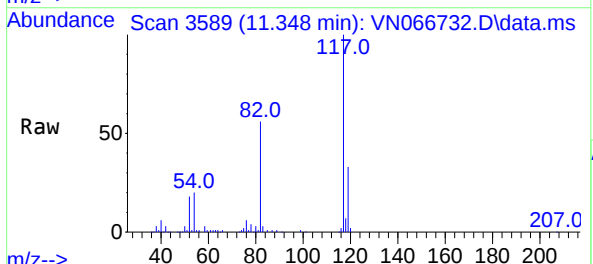
Tgt Ion:117 Resp: 217090

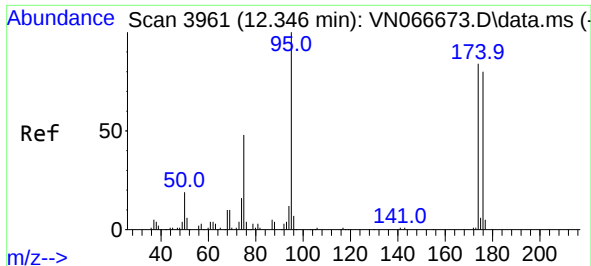
Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.6

119 31.7 25.5 38.3

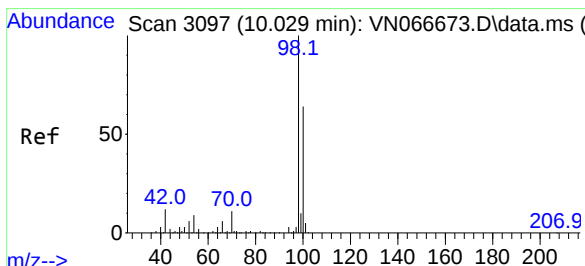
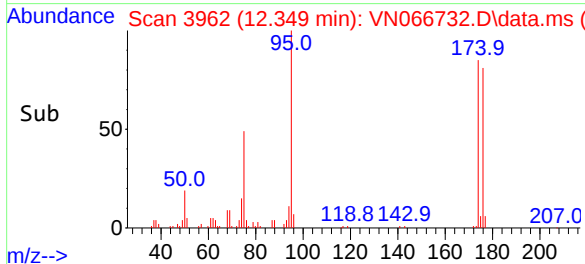
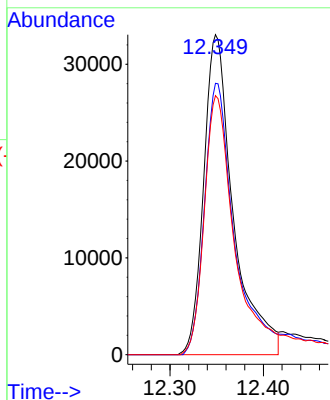
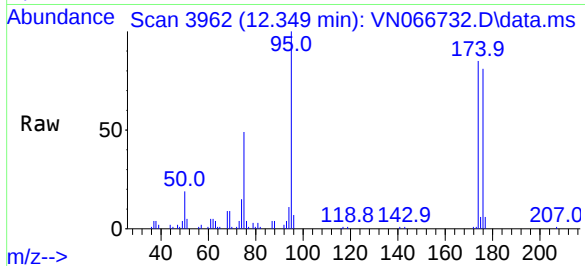




#60
4-Bromofluorobenzene
Concen: 21.51 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066732.D
Acq: 23 Apr 2021 12:56

Instrument :
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Tgt Ion: 95 Resp: 73176
Ion Ratio Lower Upper
95 100
174 86.7 68.1 102.1
176 82.3 65.4 98.0



#63
Toluene-d8
Concen: 30.91 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066732.D
Acq: 23 Apr 2021 12:56

Tgt Ion: 98 Resp: 308715
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7

