

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066708.D
 Acq On : 22 Apr 2021 12:24
 Operator : JC/MD
 Sample : VN0422WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBL01

Quant Time: Apr 23 06:28:33 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	7.108	128	46483	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.516	114	240327	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	198526	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.950	65	98028	29.27	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.57%
60) 4-Bromofluorobenzene	12.349	95	73693	23.68	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.93%
63) Toluene-d8	10.026	98	288526	31.59	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.30%

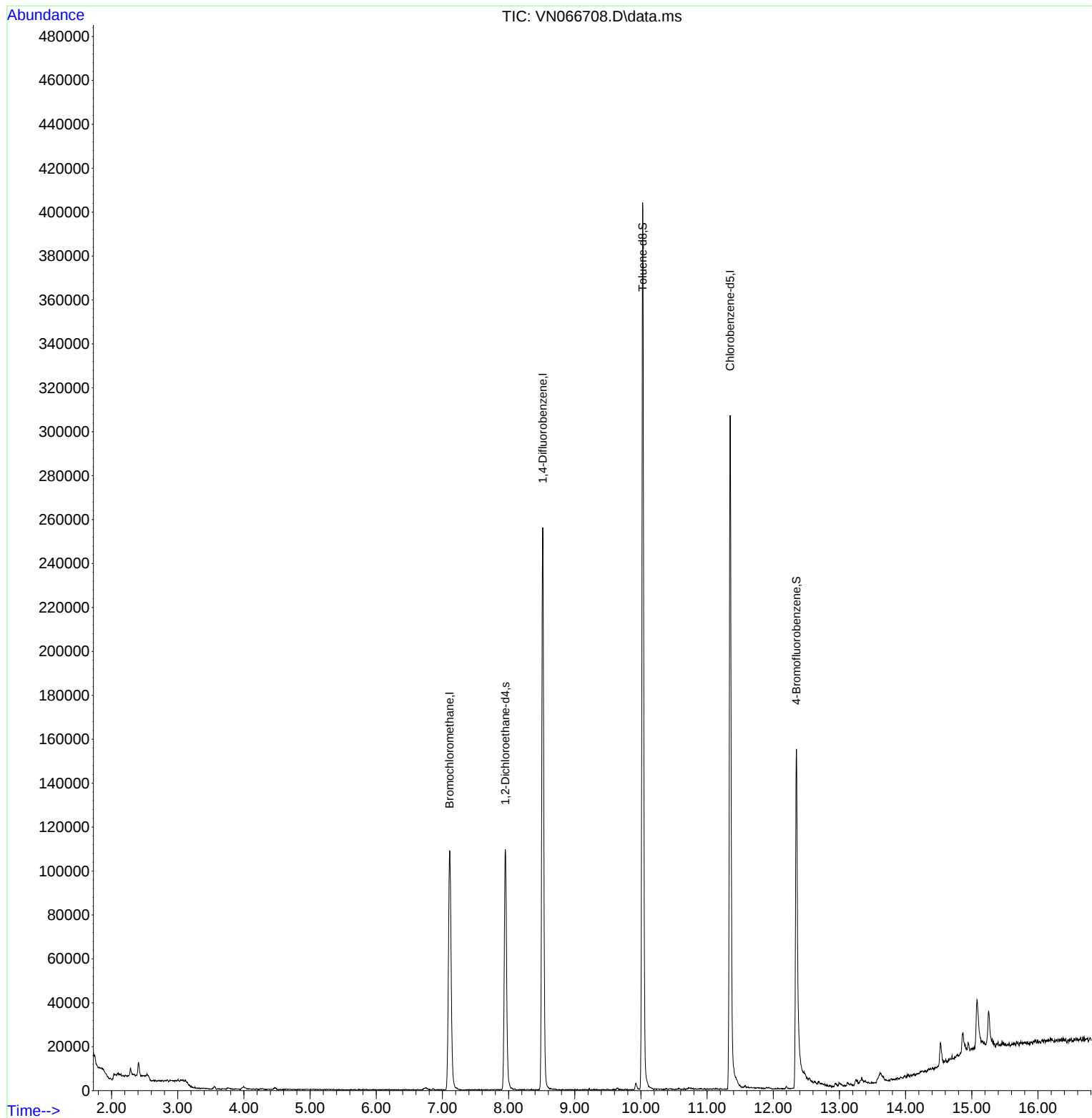
Target Compounds	Qvalue

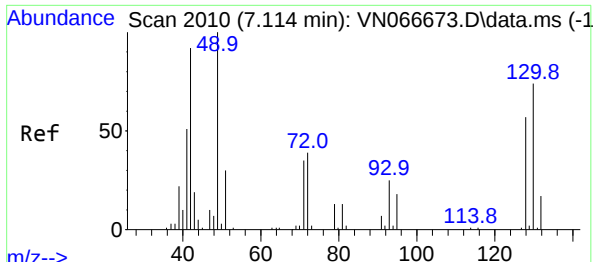
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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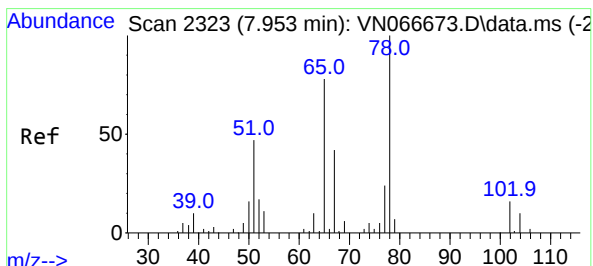
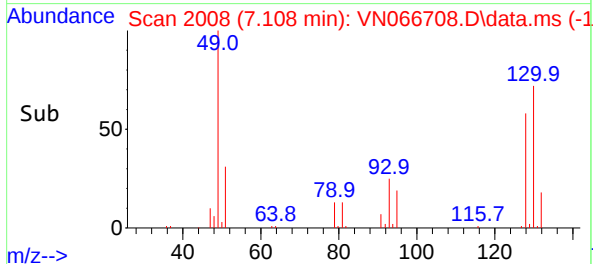
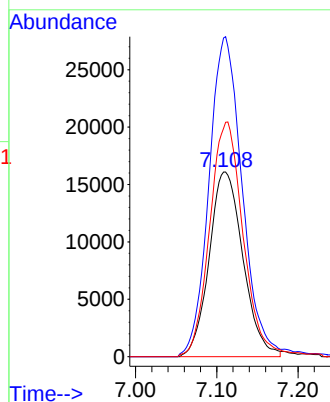
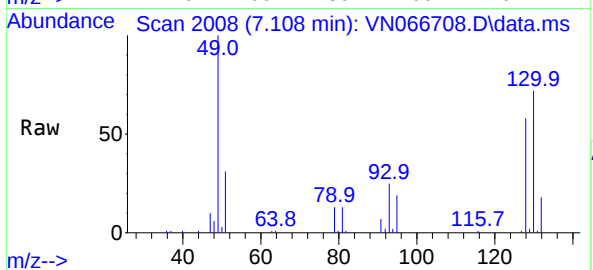




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.108 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN066708.D
Acq: 22 Apr 2021 12:24

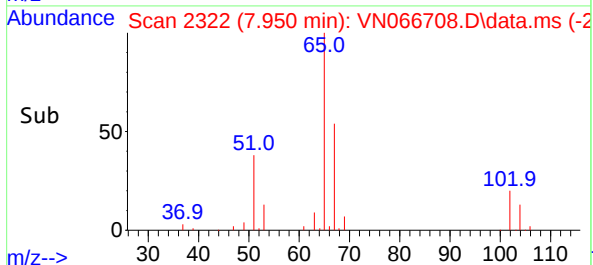
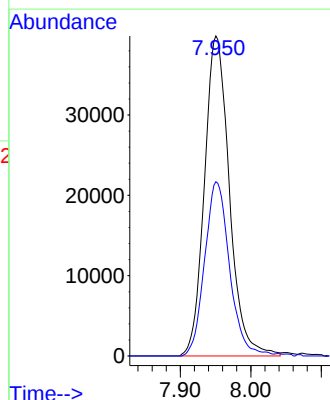
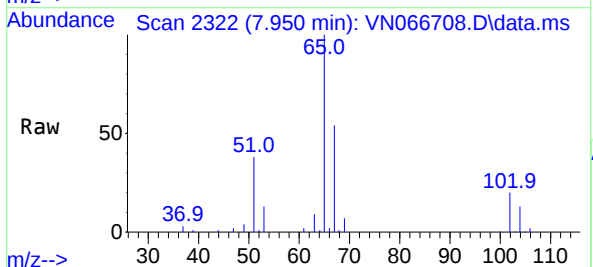
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBL01

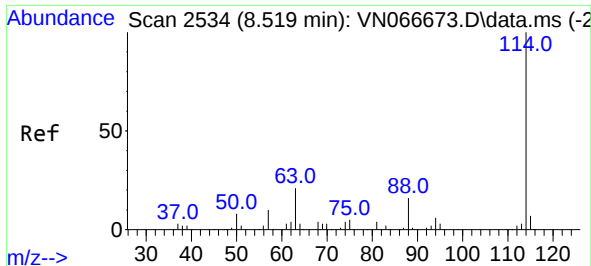
Tgt Ion:128 Resp: 46483
Ion Ratio Lower Upper
128 100
49 169.5 0.0 429.3
130 125.7 0.0 328.5



#27
1,2-Dichloroethane-d4
Concen: 29.27 ug/l
RT: 7.950 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VN066708.D
Acq: 22 Apr 2021 12:24

Tgt Ion: 65 Resp: 98028
Ion Ratio Lower Upper
65 100
67 54.1 42.2 63.4

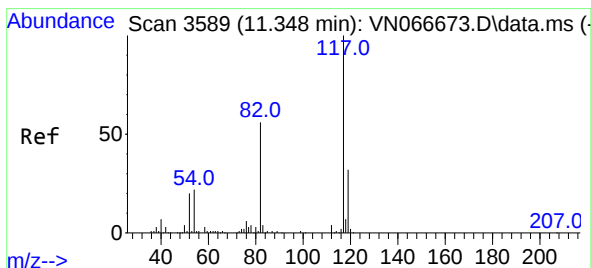
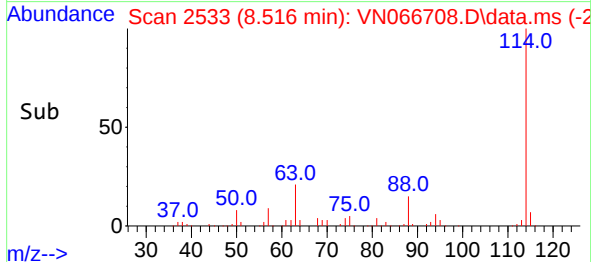
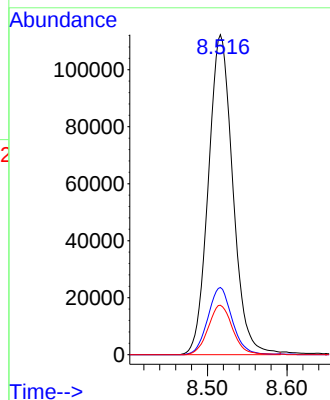
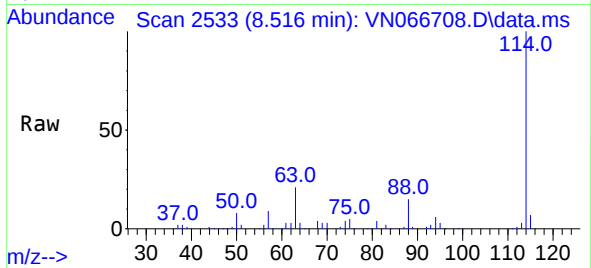




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066708.D
Acq: 22 Apr 2021 12:24

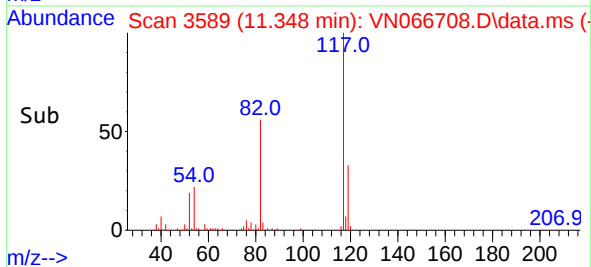
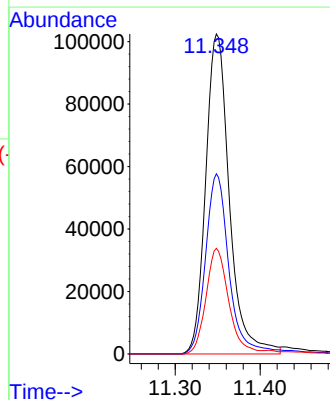
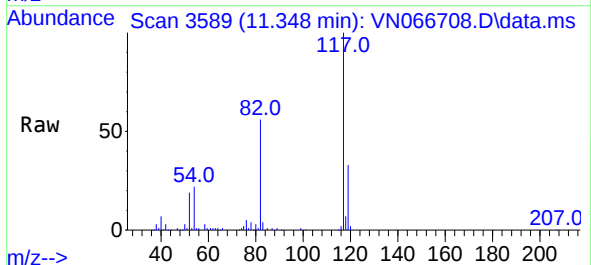
Instrument :
MSVOA_N
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VN0422WBL01

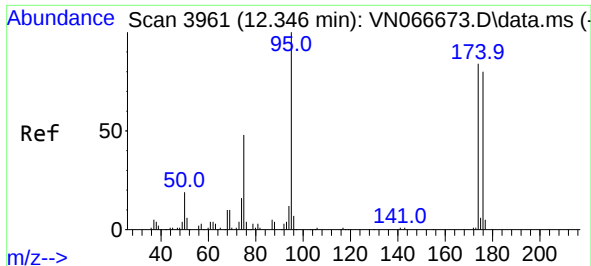
Tgt Ion:114 Resp: 240327
Ion Ratio Lower Upper
114 100
63 20.9 17.4 26.0
88 15.3 12.6 19.0



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066708.D
Acq: 22 Apr 2021 12:24

Tgt Ion:117 Resp: 198526
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.6
119 31.7 25.5 38.3

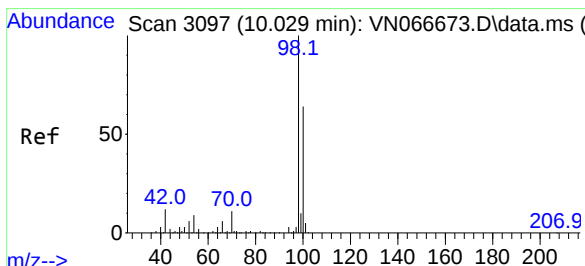
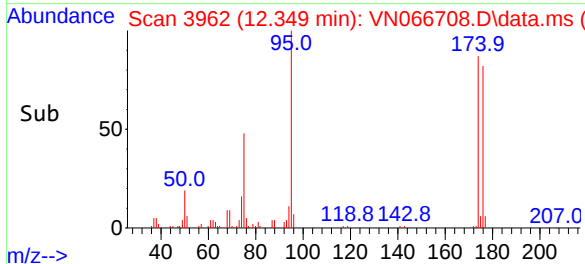
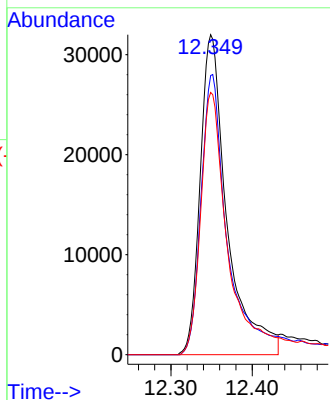
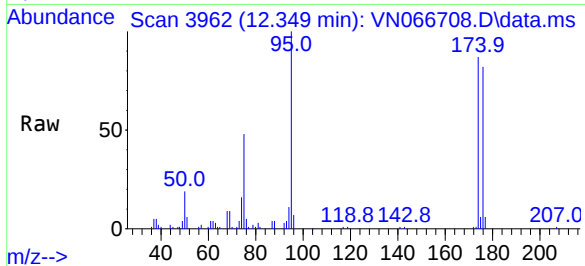




#60
4-Bromofluorobenzene
Concen: 23.68 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066708.D
Acq: 22 Apr 2021 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBL01

Tgt Ion: 95 Resp: 73693
Ion Ratio Lower Upper
95 100
174 87.9 68.1 102.1
176 77.4 65.4 98.0



#63
Toluene-d8
Concen: 31.59 ug/l
RT: 10.026 min Scan# 3096
Delta R.T. -0.003 min
Lab File: VN066708.D
Acq: 22 Apr 2021 12:24

Tgt Ion: 98 Resp: 288526
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7

