

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040921\
 Data File : VN066554.D
 Acq On : 9 Apr 2021 11:22
 Operator : JC/MD
 Sample : VN0409WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0409WBL01

Quant Time: Apr 09 13:59:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.099	128	53897	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.513	114	253652	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	209881	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	123222	29.74	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.13%
60) 4-Bromofluorobenzene	12.348	95	69837	21.32	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	71.07%
63) Toluene-d8	10.028	98	316847	32.17	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.23%

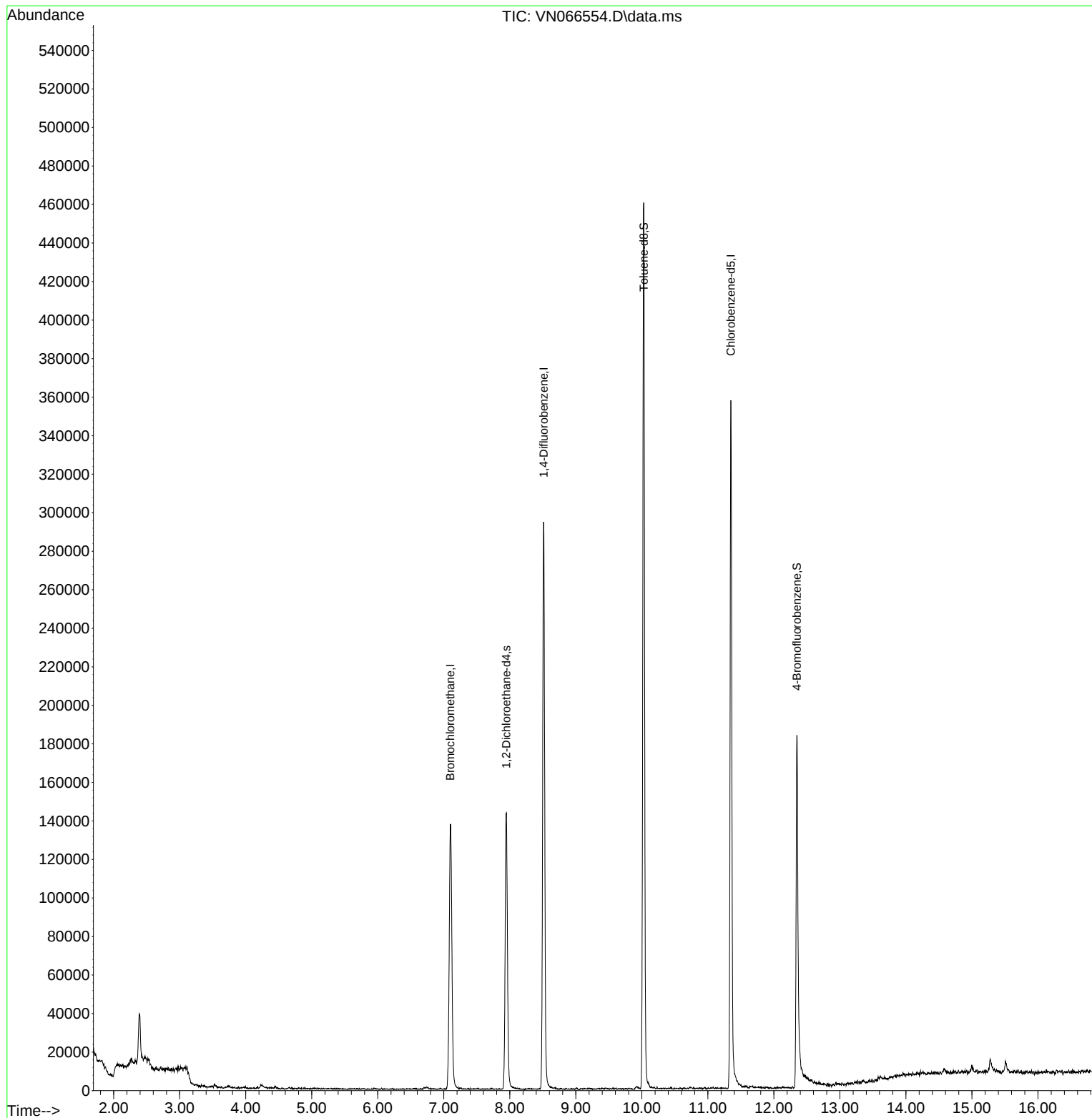
Target Compounds	Qvalue

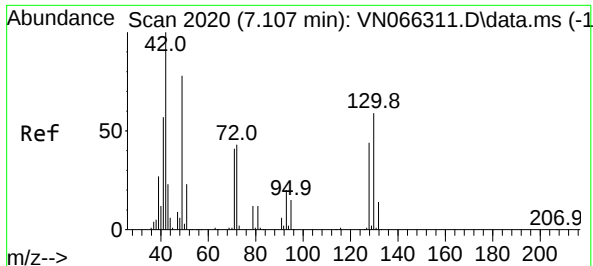
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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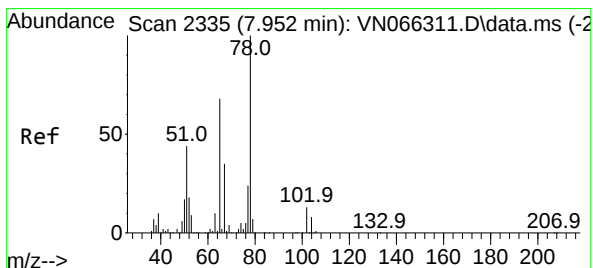
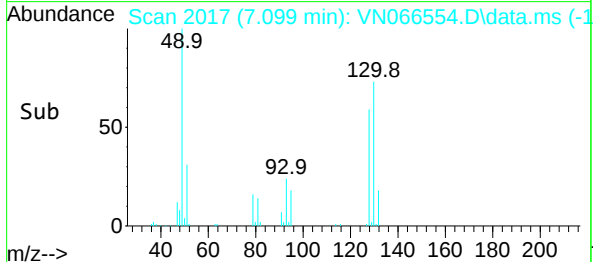
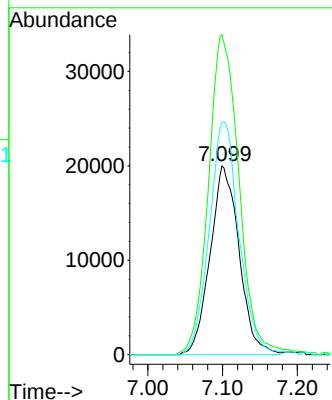
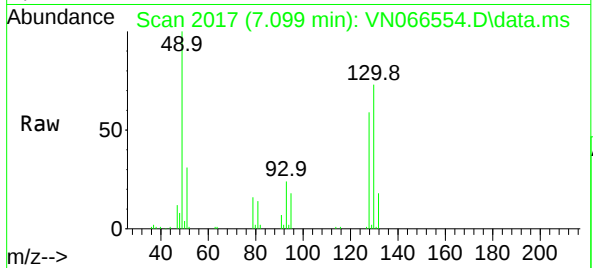




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.099 min Scan# 2017
Delta R.T. -0.008 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

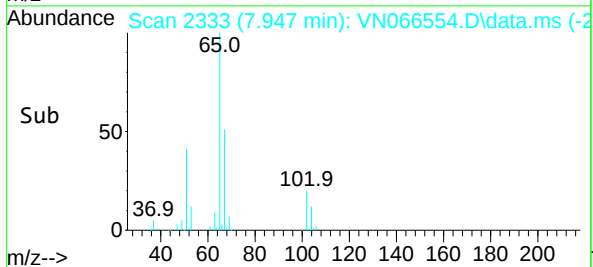
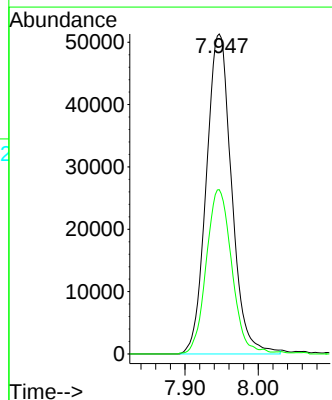
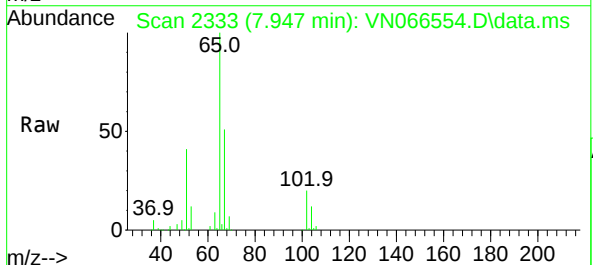
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MSVOA_N
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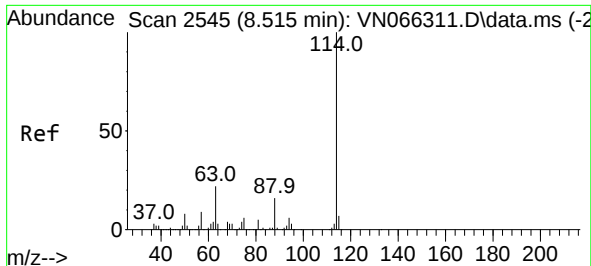
Tgt Ion:128 Resp: 53897
Ion Ratio Lower Upper
128 100
49 177.6 0.0 429.3
130 126.5 0.0 328.5



#27
1,2-Dichloroethane-d4
Concen: 29.74 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.005 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion: 65 Resp: 123222
Ion Ratio Lower Upper
65 100
67 50.4 42.2 63.4

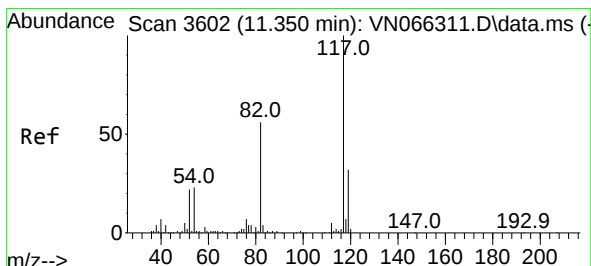
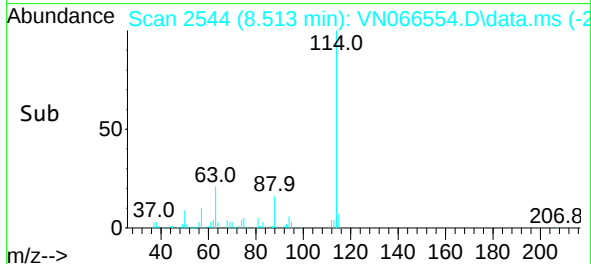
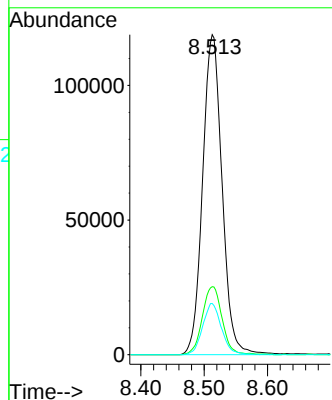
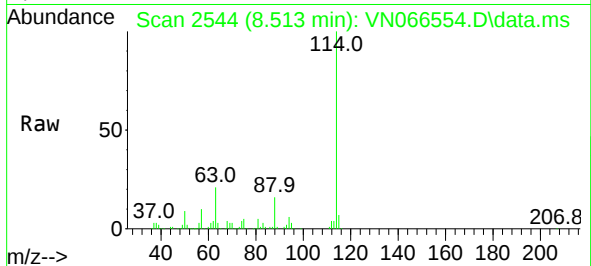




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

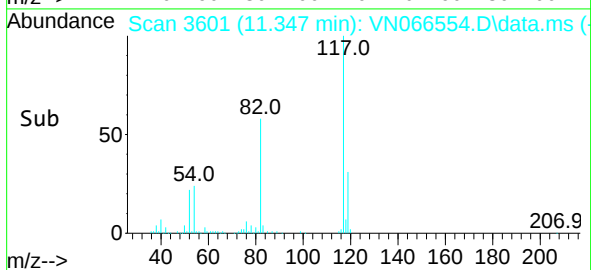
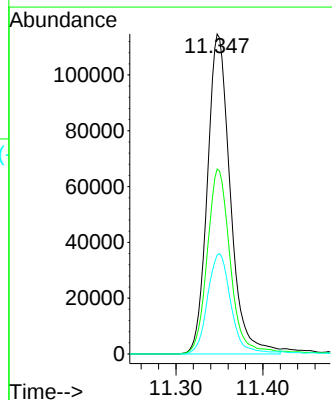
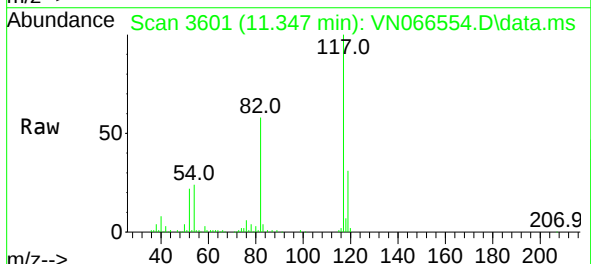
Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

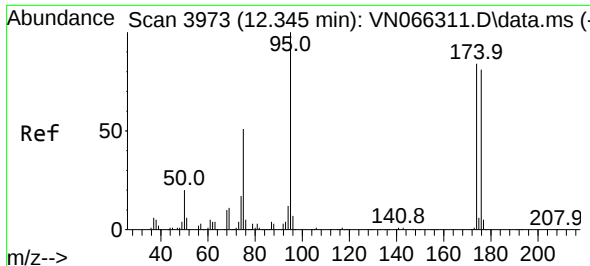
Tgt Ion:114 Resp: 253652
Ion Ratio Lower Upper
114 100
63 21.4 17.4 26.0
88 15.5 12.6 19.0



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion:117 Resp: 209881
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.6
119 31.8 25.5 38.3

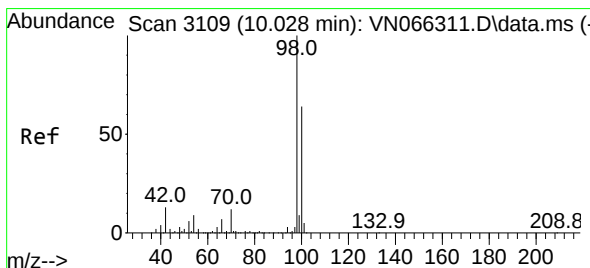
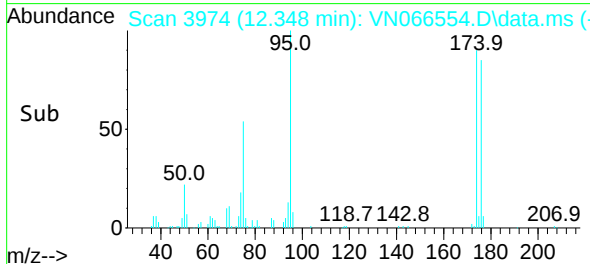
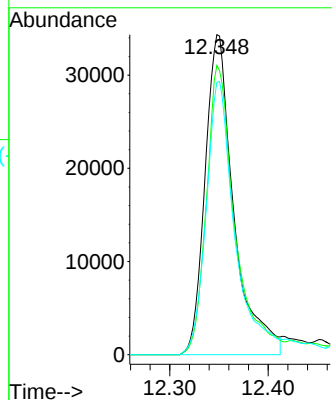
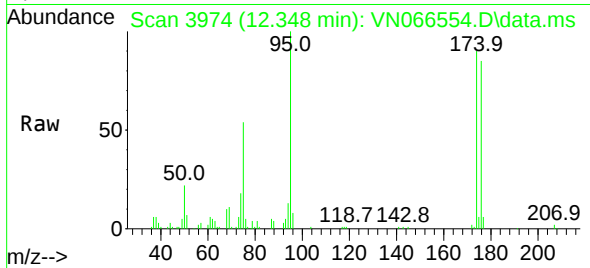




#60
4-Bromofluorobenzene
Concen: 21.32 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN0409WBL01

Tgt Ion: 95 Resp: 69837
Ion Ratio Lower Upper
95 100
174 89.8 68.1 102.1
176 84.8 65.4 98.0



#63
Toluene-d8
Concen: 32.17 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066554.D
Acq: 9 Apr 2021 11:22

Tgt Ion: 98 Resp: 316847
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7

