

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032421\
 Data File : VN066315.D
 Acq On : 24 Mar 2021 18:16
 Operator : JC/MD
 Sample : VN0324WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBL01

Quant Time: Mar 25 06:00:13 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	7.102	128	81831	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.513	114	444662	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.347	117	373055	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.944	65	187333	29.78	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.27%
60) 4-Bromofluorobenzene	12.345	95	153293	26.33	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.77%
63) Toluene-d8	10.025	98	538661	30.77	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.57%

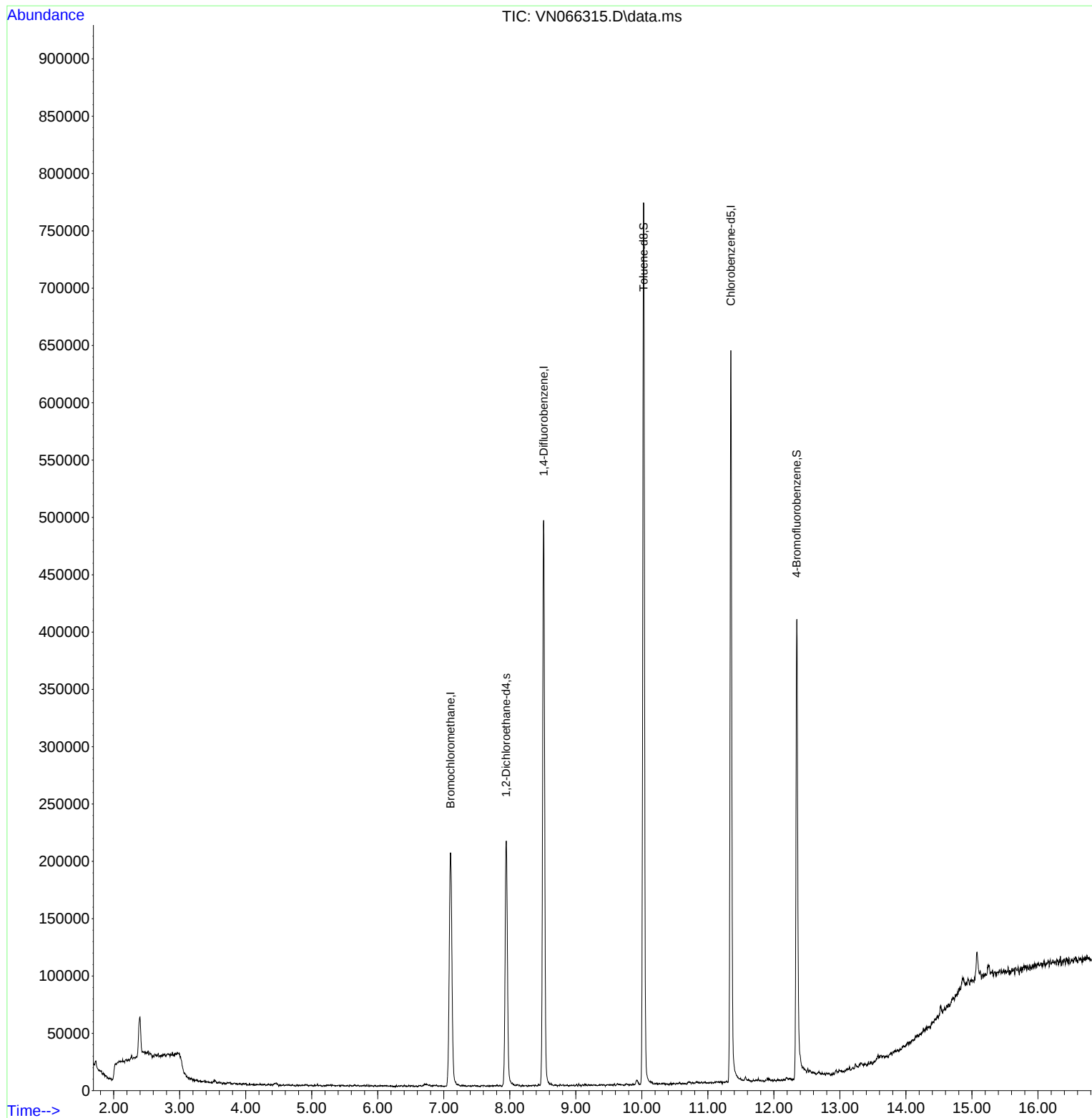
Target Compounds	Qvalue

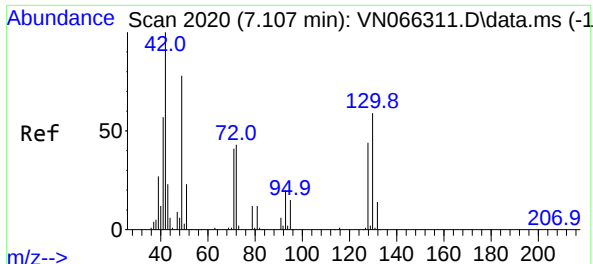
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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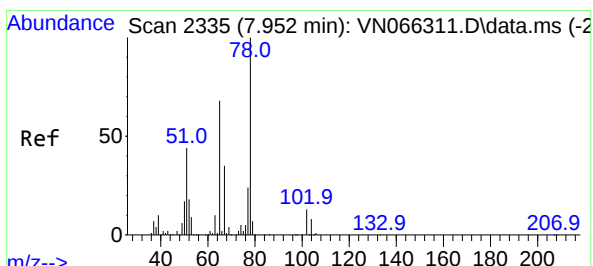
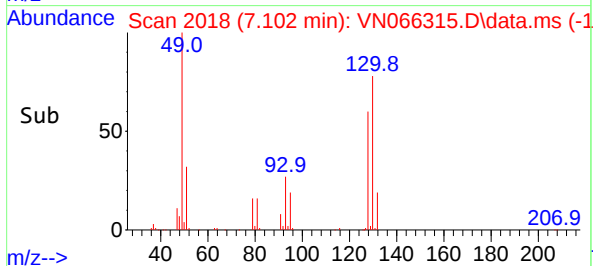
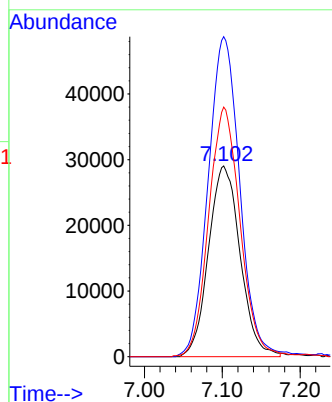
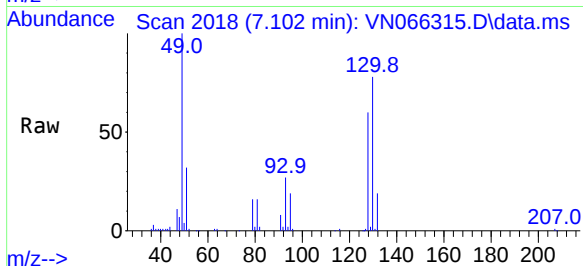




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.102 min Scan# 2018
Delta R.T. -0.005 min
Lab File: VN066315.D
Acq: 24 Mar 2021 18:16

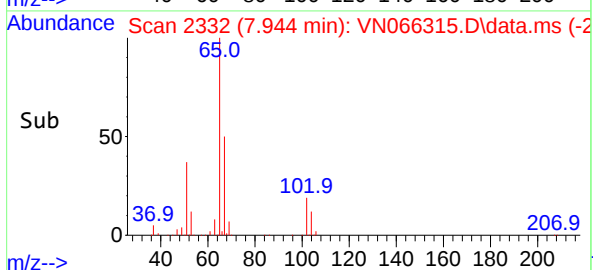
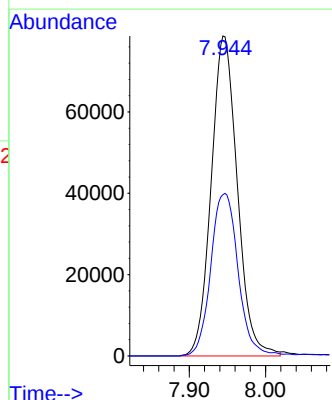
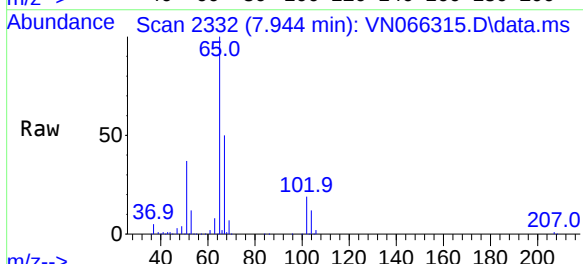
Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

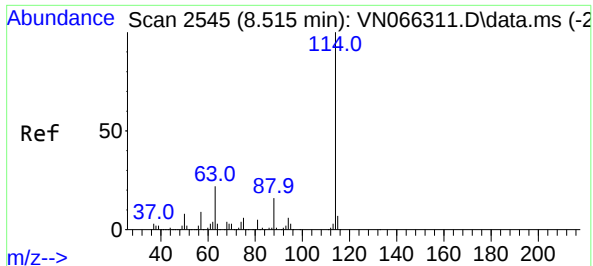
Tgt Ion:	128	Resp:	81831
Ion Ratio	Lower	Upper	
128	100		
49	167.2	0.0	429.3
130	128.5	0.0	328.5



#27
1,2-Dichloroethane-d4
Concen: 29.78 ug/l
RT: 7.944 min Scan# 2332
Delta R.T. -0.008 min
Lab File: VN066315.D
Acq: 24 Mar 2021 18:16

Tgt Ion:	65	Resp:	187333
Ion Ratio	Lower	Upper	
65	100		
67	52.7	42.2	63.4



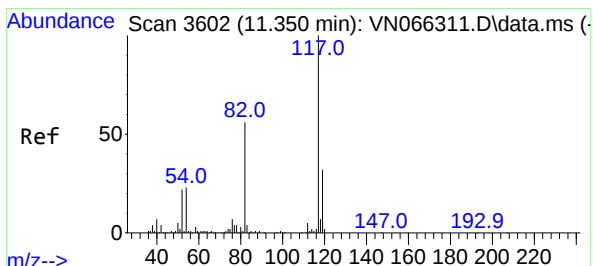
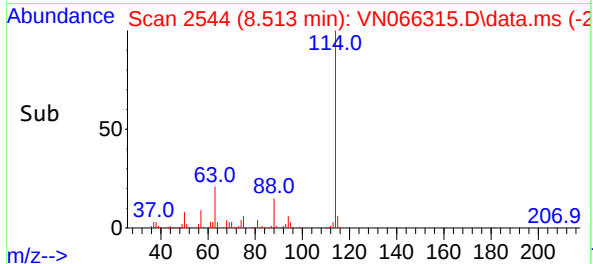
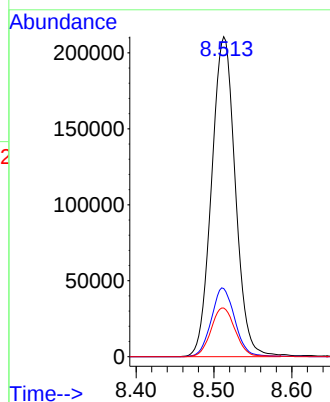
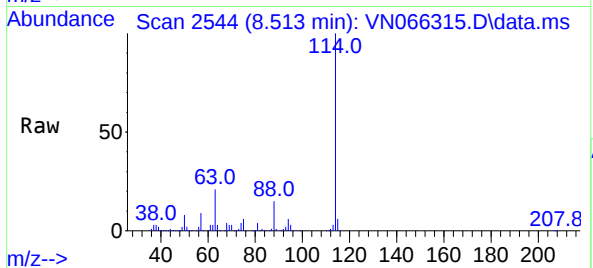


#28

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.513 min Scan# 2544
Delta R.T. -0.002 min
Lab File: VN066315.D
Acq: 24 Mar 2021 18:16

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

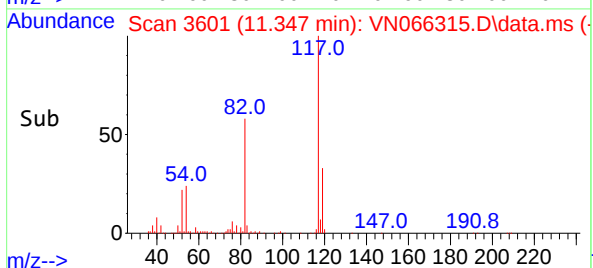
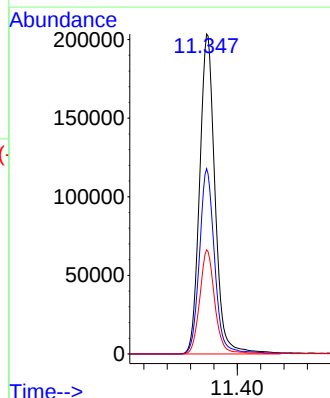
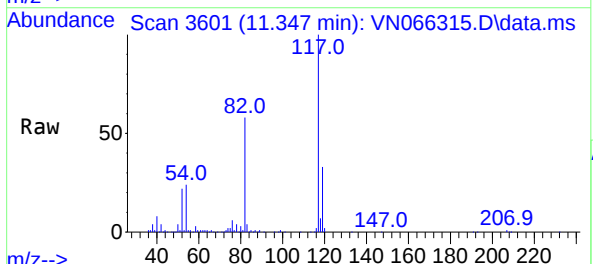
Tgt Ion:114	Resp: 444662
Ion Ratio	Lower Upper
114 100	
63 21.4	17.4 26.0
88 15.5	12.6 19.0

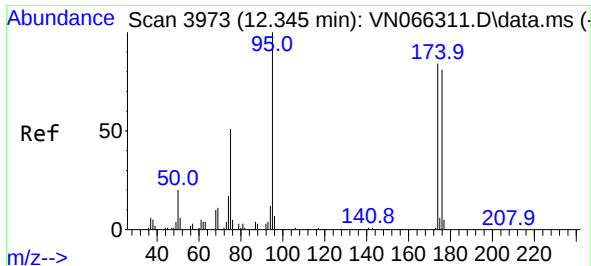


#57

Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. -0.003 min
Lab File: VN066315.D
Acq: 24 Mar 2021 18:16

Tgt Ion:117	Resp: 373055		
Ion Ratio	Lower	Upper	
117 100			
82 56.4	45.0	67.6	
119 31.7	25.5	38.3	



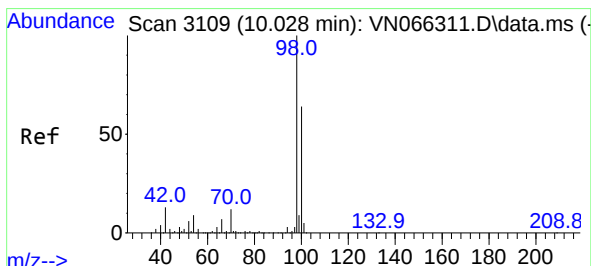
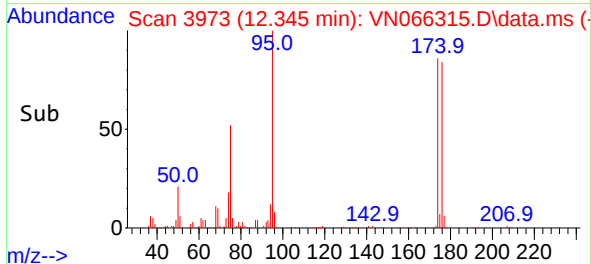
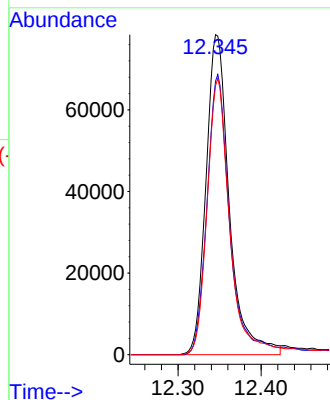
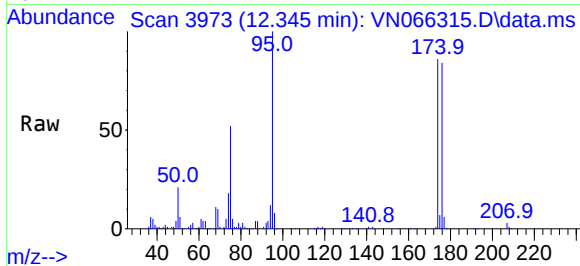


#60
4-Bromofluorobenzene
Concen: 26.33 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VN066315.D
Acq: 24 Mar 2021 18:16

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Tgt Ion: 95 Resp: 153293

Ion	Ratio	Lower	Upper
95	100		
174	82.0	68.1	102.1
176	83.4	65.4	98.0



#63
Toluene-d8
Concen: 30.77 ug/l
RT: 10.025 min Scan# 3108
Delta R.T. -0.003 min
Lab File: VN066315.D
Acq: 24 Mar 2021 18:16

Tgt Ion: 98 Resp: 538661

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7

