

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
 Data File : VN066683.D
 Acq On : 20 Apr 2021 15:40
 Operator : JC/MD
 Sample : M2032-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SECONDARY-TANK-262

Quant Time: Apr 21 10:08:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Apr 20 12:52:17 2021
 Response via : Initial Calibration

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

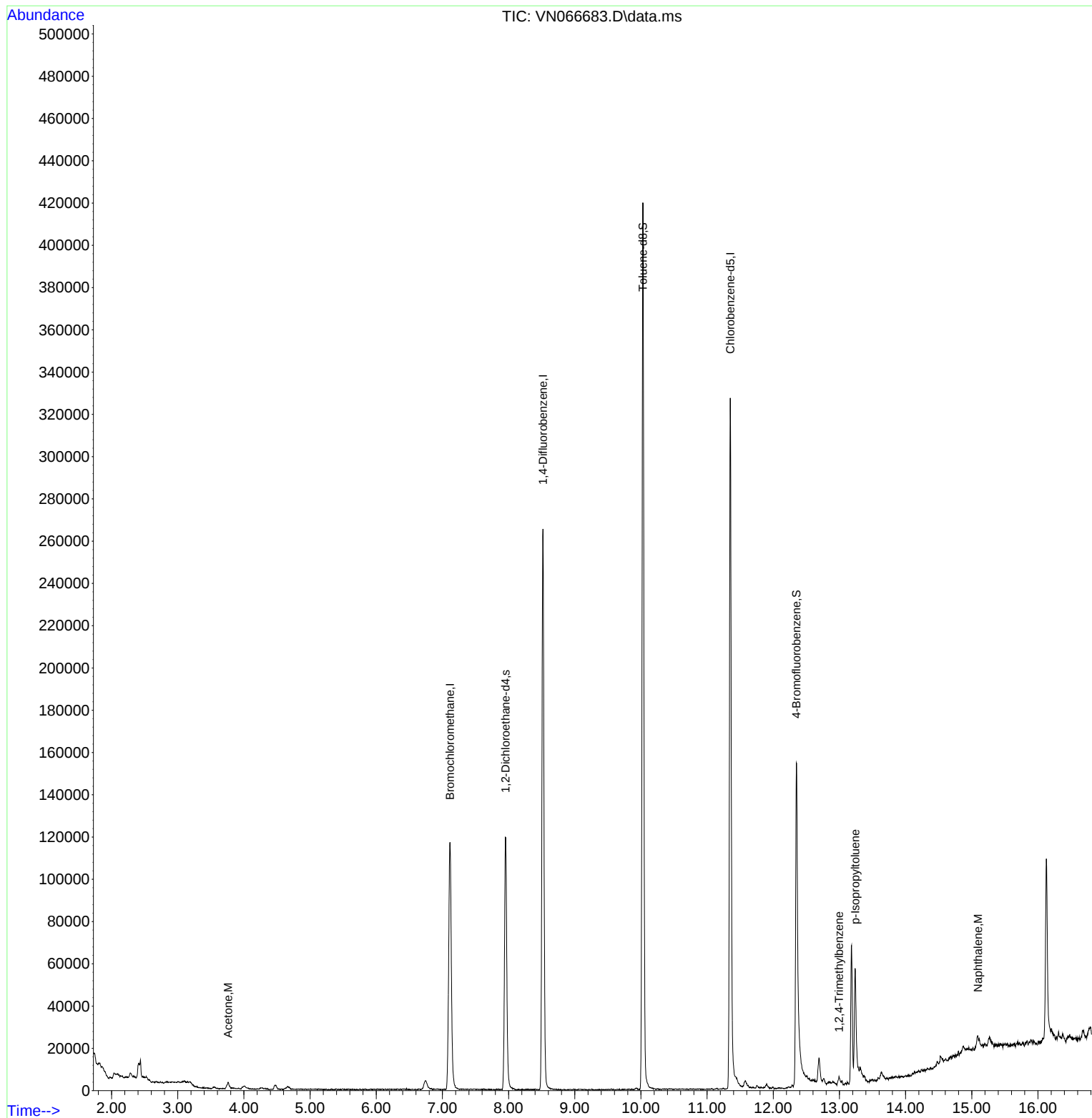
Internal Standards						
1) Bromochloromethane	7.116	128	47622	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.519	114	242997	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.351	117	206696	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	104526	30.46	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	101.53%	
60) 4-Bromofluorobenzene	12.349	95	75006	23.15	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	77.17%	
63) Toluene-d8	10.029	98	301223	31.67	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	105.57%	
Target Compounds						Qvalue
15) Acetone	3.761	58	1420	3.65	ug/l #	47
80) 1,2,4-Trimethylbenzene	12.995	105	4066	0.42	ug/l	88
82) p-Isopropyltoluene	13.237	119	39071	4.07	ug/l	95
91) Naphthalene	15.093	128	6765	0.99	ug/l #	83

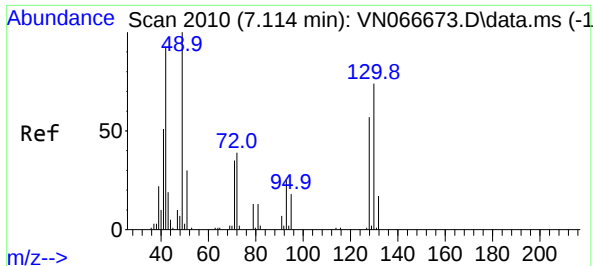
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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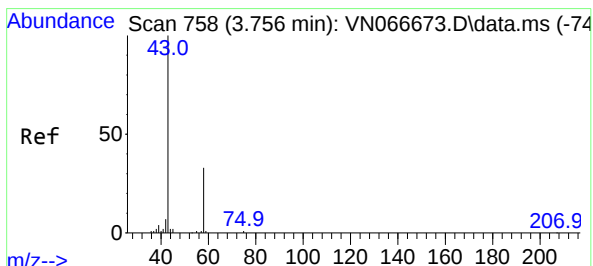
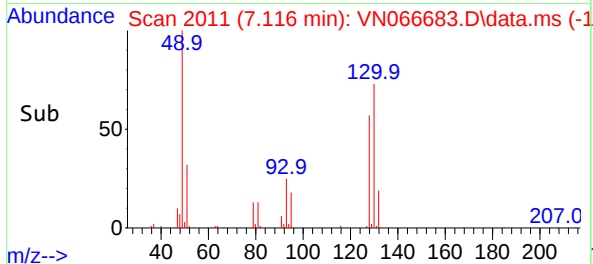
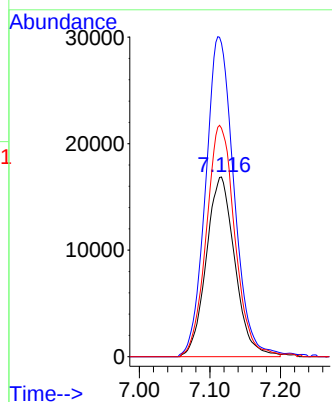
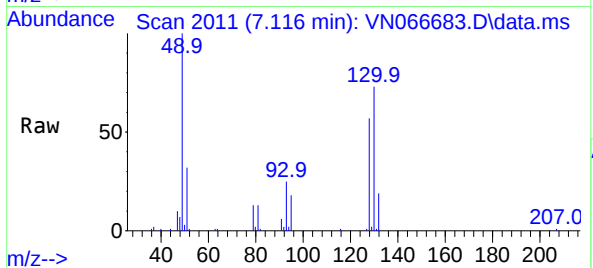




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.116 min Scan# 2011
Delta R.T. 0.002 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

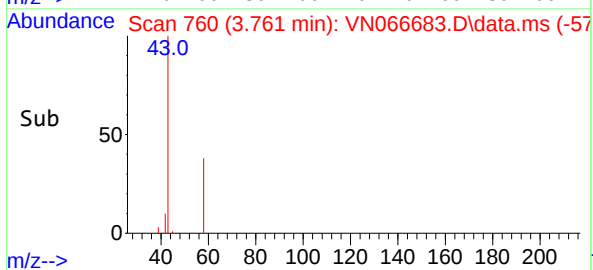
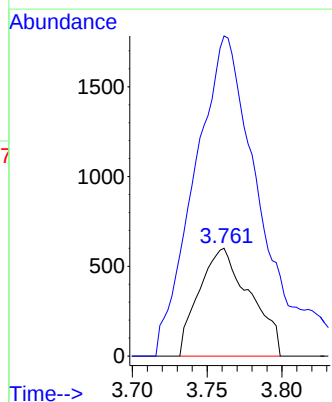
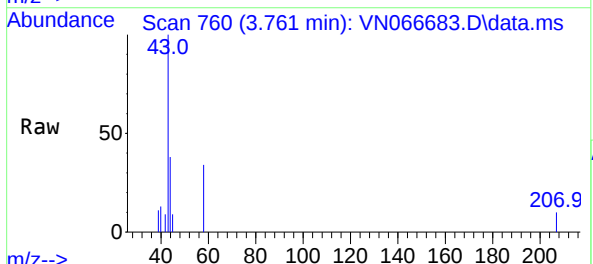
Instrument :
MSVOA_N
ClientSampleId :
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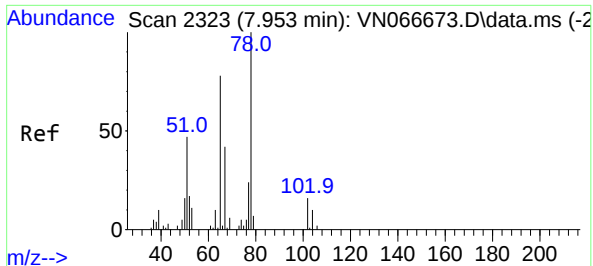
Tgt Ion:128 Resp: 47622
Ion Ratio Lower Upper
128 100
49 176.5 0.0 429.3
130 128.7 0.0 328.5



#15
Acetone
Concen: 3.65 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.005 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

Tgt Ion: 58 Resp: 1420
Ion Ratio Lower Upper
58 100
43 223.0 267.3 400.9#

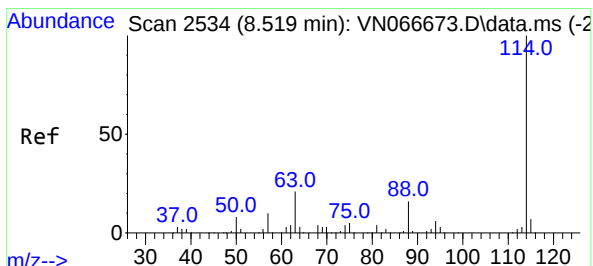
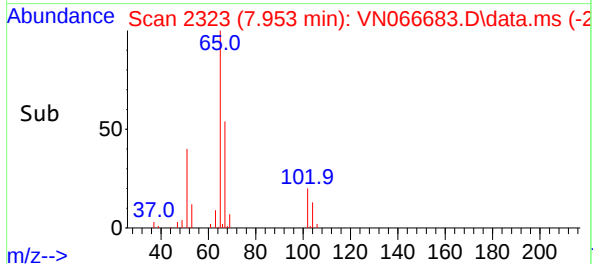
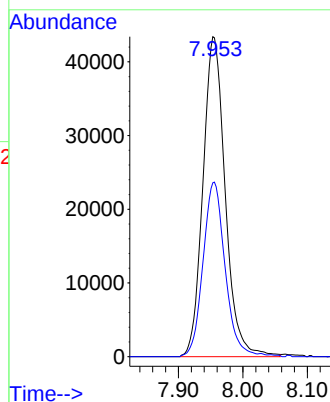
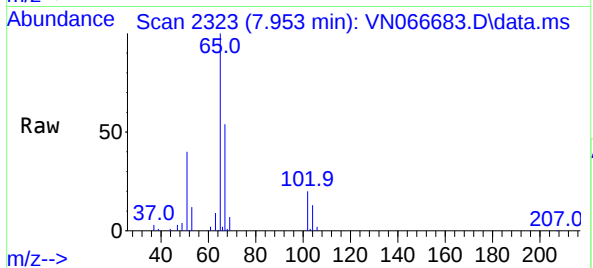




#27
1,2-Dichloroethane-d4
Concen: 30.46 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

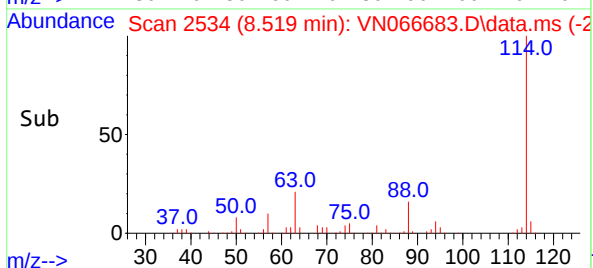
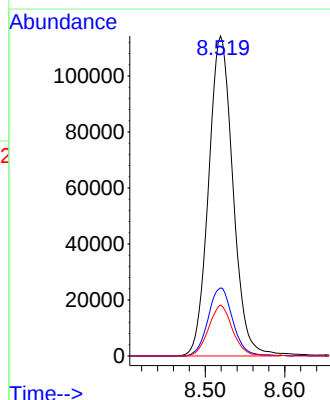
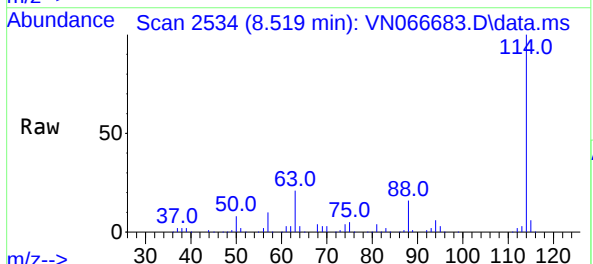
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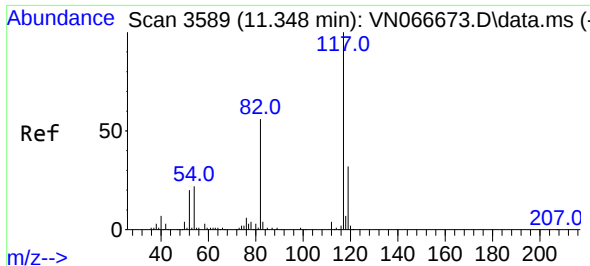
Tgt Ion: 65 Resp: 104526
Ion Ratio Lower Upper
65 100
67 53.7 42.2 63.4



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

Tgt Ion: 114 Resp: 242997
Ion Ratio Lower Upper
114 100
63 21.6 17.4 26.0
88 15.6 12.6 19.0

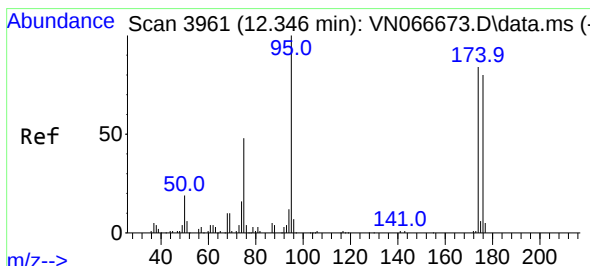
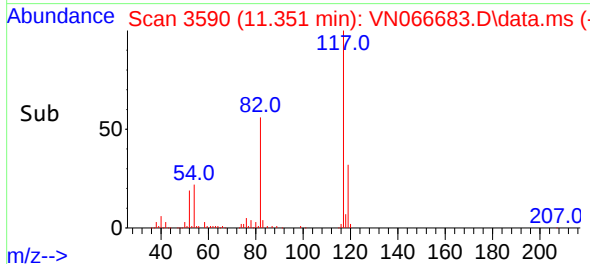
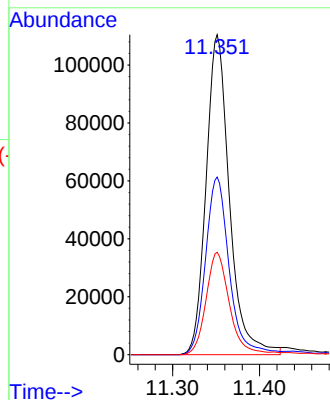
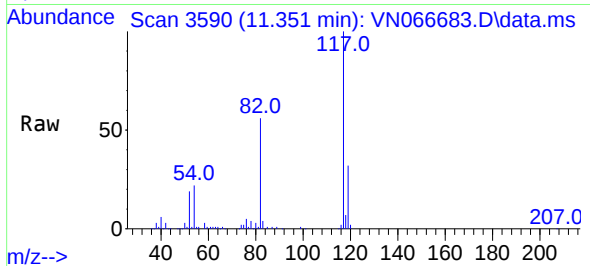




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

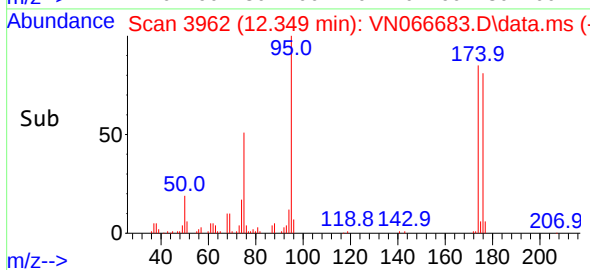
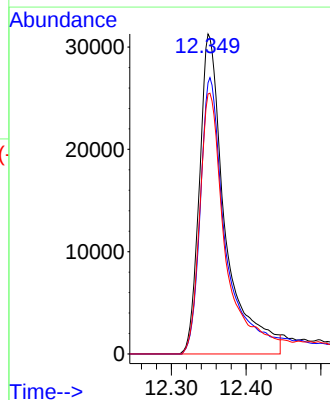
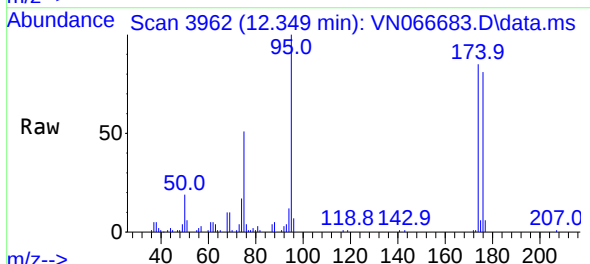
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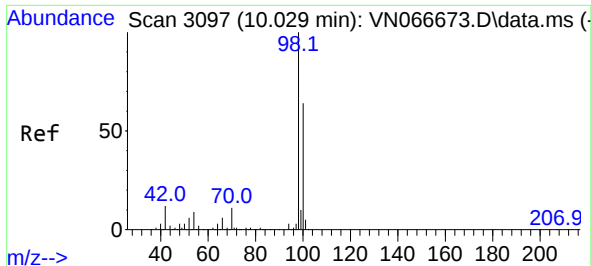
Tgt Ion:	117	Resp:	206696
Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.0	67.6
119	31.8	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 23.15 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

Tgt Ion:	95	Resp:	75006
Ion	Ratio	Lower	Upper
95	100		
174	81.8	68.1	102.1
176	76.0	65.4	98.0

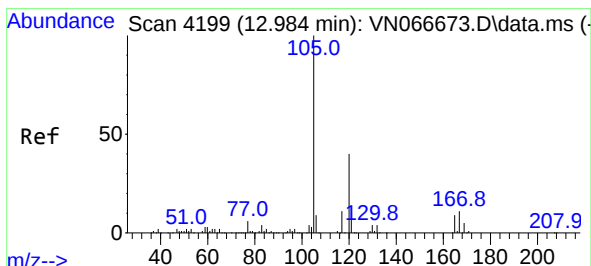
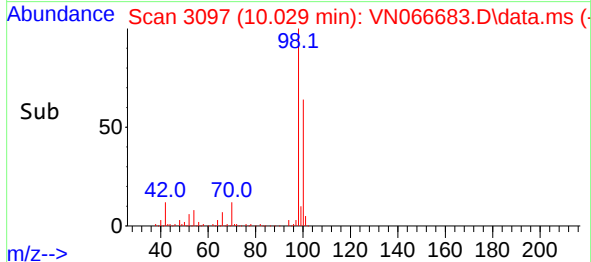
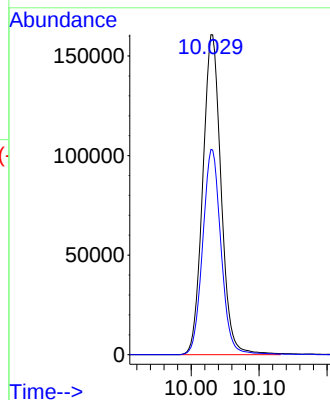
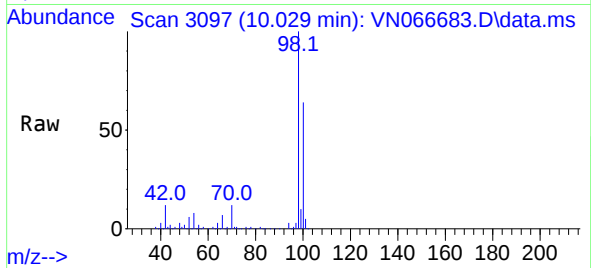




#63
Toluene-d8
Concen: 31.67 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

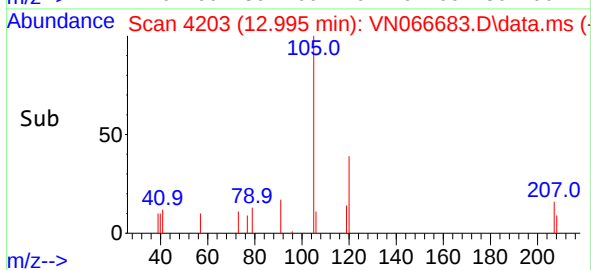
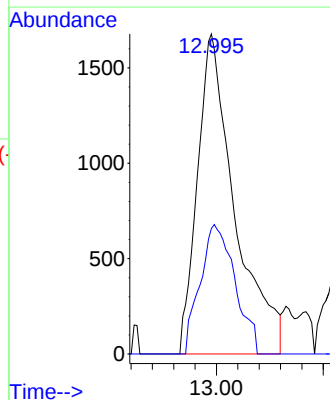
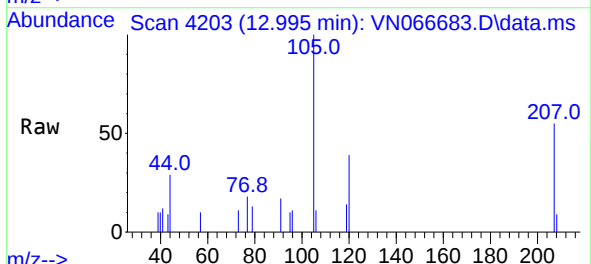
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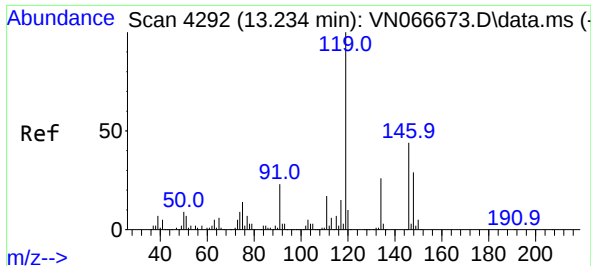
Tgt Ion: 98 Resp: 301223
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7



#80
1,2,4-Trimethylbenzene
Concen: 0.42 ug/l
RT: 12.995 min Scan# 4203
Delta R.T. 0.011 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

Tgt Ion: 105 Resp: 4066
Ion Ratio Lower Upper
105 100
120 37.8 0.0 90.6

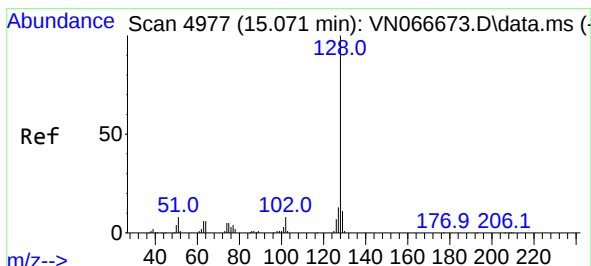
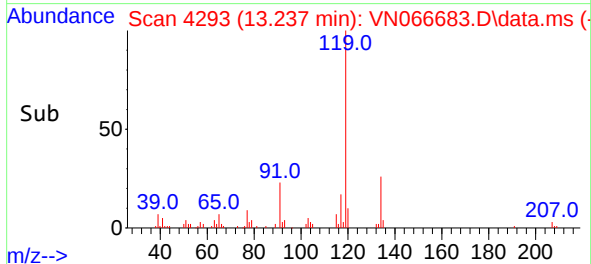
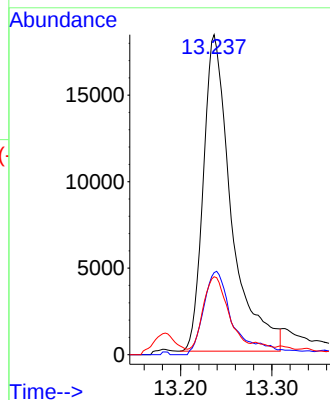
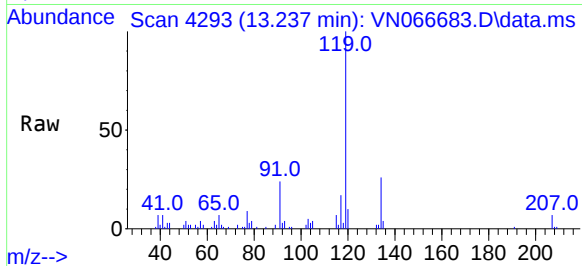




#82
p-Isopropyltoluene
Concen: 4.07 ug/l
RT: 13.237 min Scan# 4293
Delta R.T. 0.003 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

Instrument :
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Tgt Ion:	119	Resp:	39071
Ion Ratio	Lower	Upper	
119	100		
134	25.2	0.0	53.4
91	20.4	0.0	47.6



#91
Naphthalene
Concen: 0.99 ug/l
RT: 15.093 min Scan# 4985
Delta R.T. 0.022 min
Lab File: VN066683.D
Acq: 20 Apr 2021 15:40

Tgt Ion:	128	Resp:	6765
Ion Ratio	Lower	Upper	
128	100		
127	8.5	10.2	15.2#
129	1.8	8.6	13.0#

