

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042021\
 Data File : VN066682.D
 Acq On : 20 Apr 2021 15:16
 Operator : JC/MD
 Sample : M2032-02 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HOLDING-TANK-260

Quant Time: Apr 21 10:08:24 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)

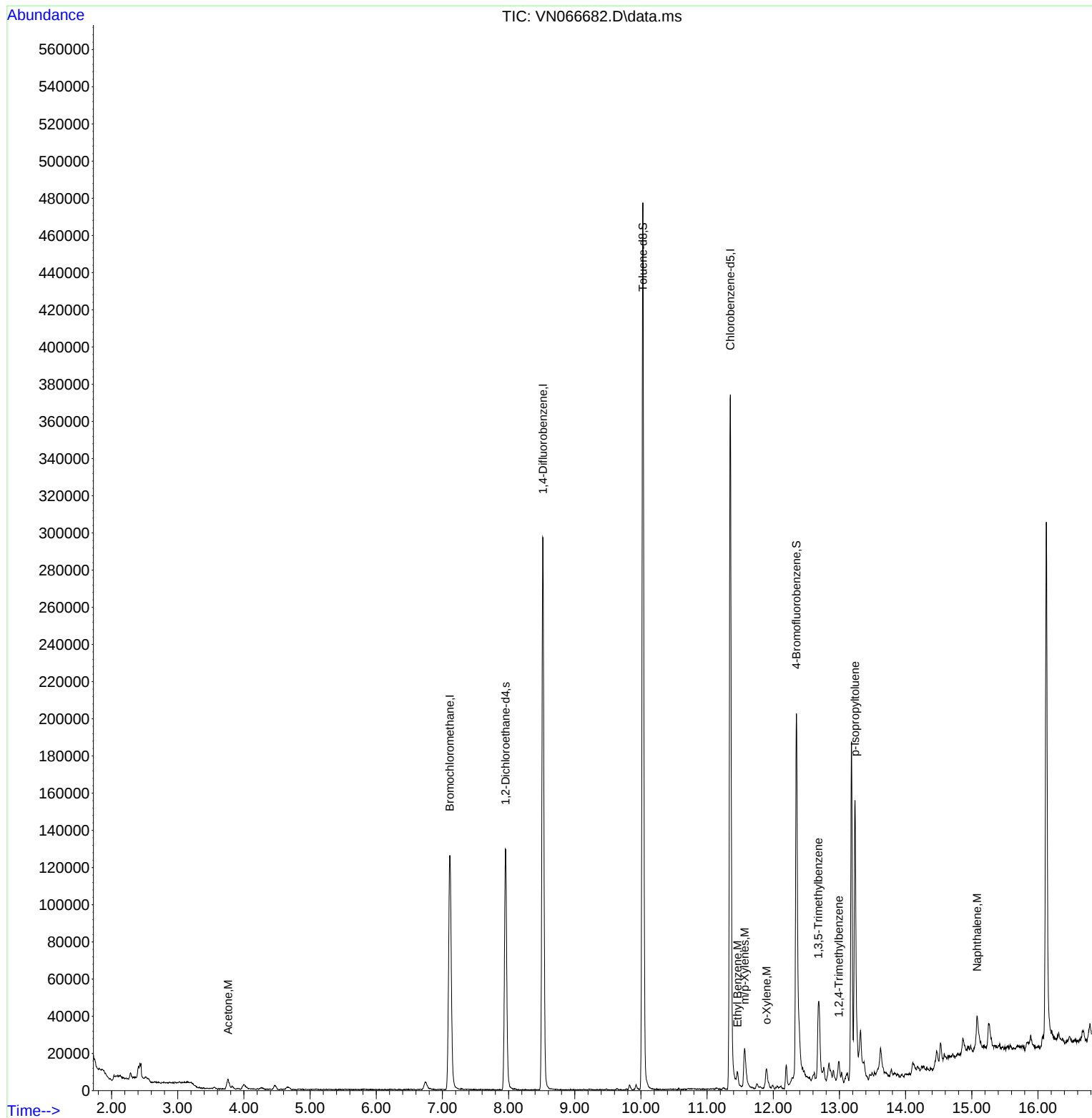
Internal Standards						
1) Bromochloromethane	7.111	128	51706	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.519	114	271801	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.351	117	237388	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.956	65	112406	30.17	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.57%
60) 4-Bromofluorobenzene	12.349	95	87639	23.55	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.50%
63) Toluene-d8	10.029	98	337014	30.86	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.87%
Target Compounds						Qvalue
15) Acetone	3.761	58	2761	6.53	ug/l	70
66) Ethyl Benzene	11.459	91	5477	0.38	ug/l	93
67) m/p-Xylenes	11.568	106	7688	1.42	ug/l	89
68) o-Xylene	11.898	106	3981	0.76	ug/l	97
76) 1,3,5-Trimethylbenzene	12.681	105	8747	0.76	ug/l	89
80) 1,2,4-Trimethylbenzene	12.993	105	7882	0.71	ug/l	98
82) p-Isopropyltoluene	13.234	119	94821	8.59	ug/l	100
91) Naphthalene	15.079	128	23173	2.95	ug/l	98

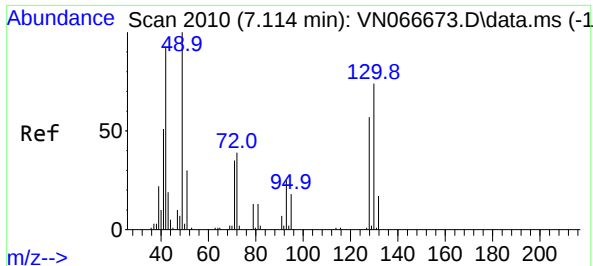
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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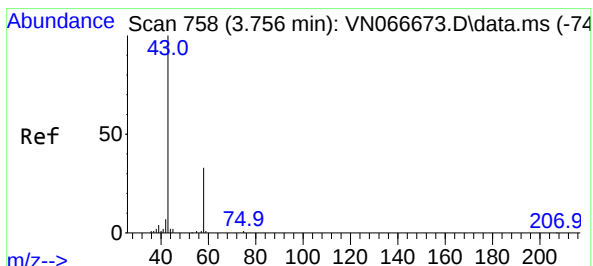
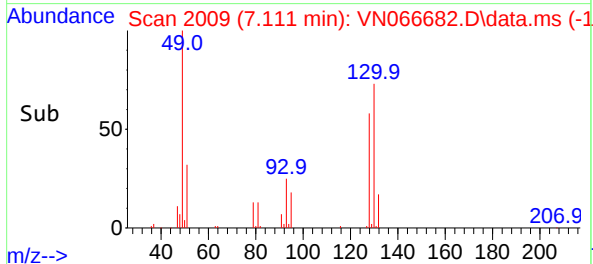
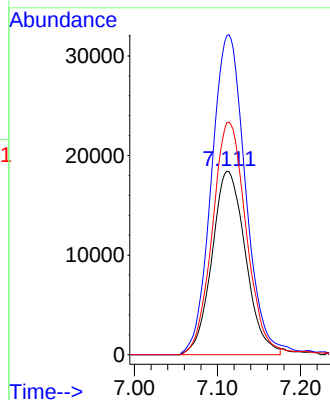
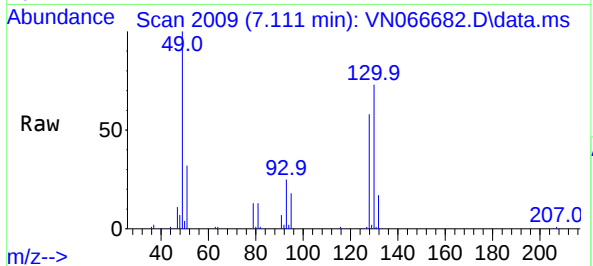




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.111 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

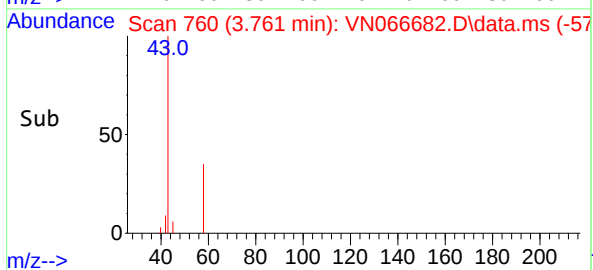
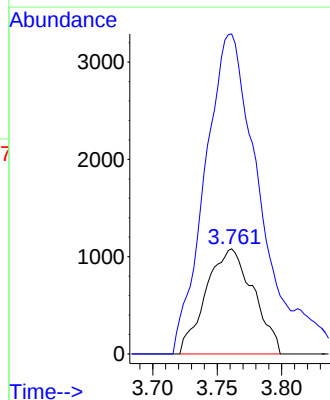
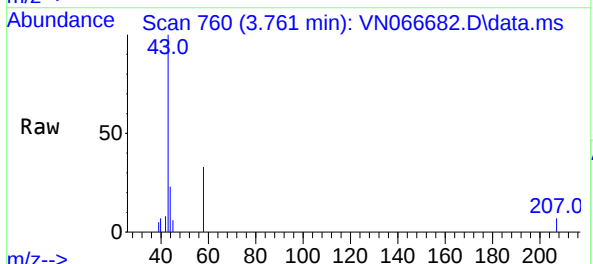
Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

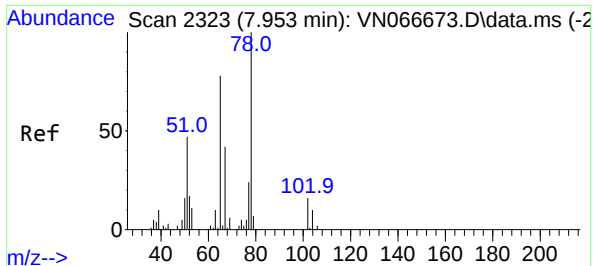
Tgt Ion:	128	Resp:	51706
Ion Ratio	Lower	Upper	
128	100		
49	177.1	0.0	429.3
130	128.3	0.0	328.5



#15
Acetone
Concen: 6.53 ug/l
RT: 3.761 min Scan# 760
Delta R.T. 0.005 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Tgt Ion:	58	Resp:	2761
Ion Ratio	Lower	Upper	
58	100		
43	270.0	267.3	400.9

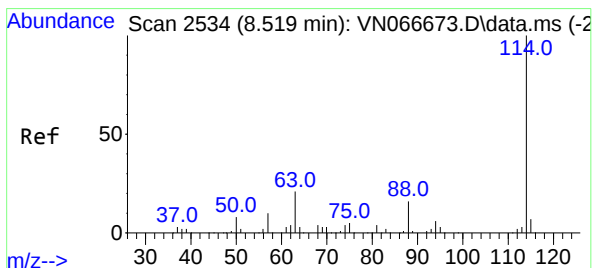
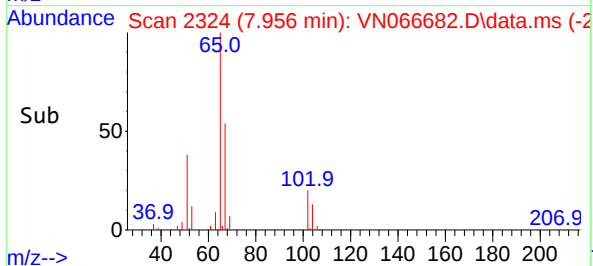
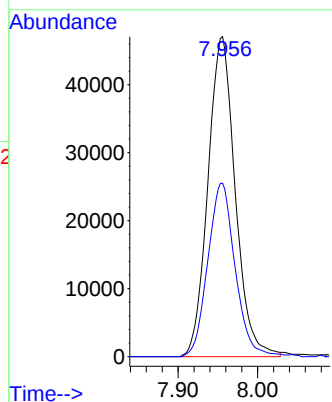
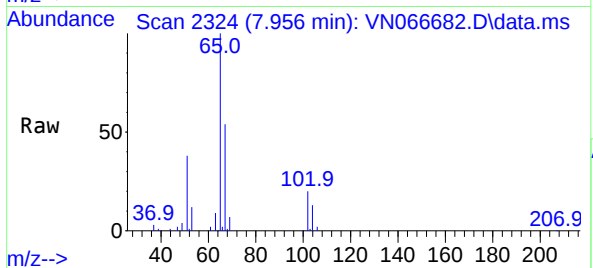




#27
1,2-Dichloroethane-d4
Concen: 30.17 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

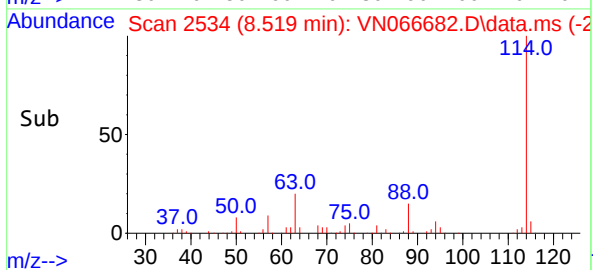
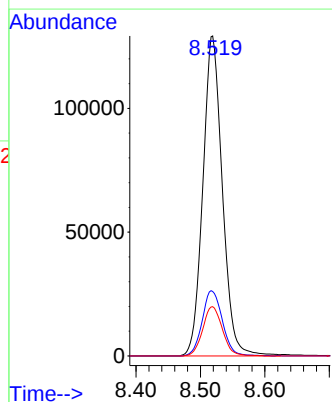
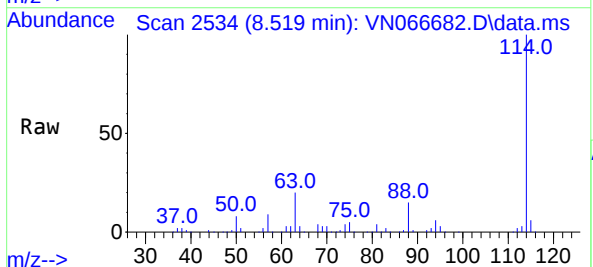
Instrument :
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HOLDING-TANK-260

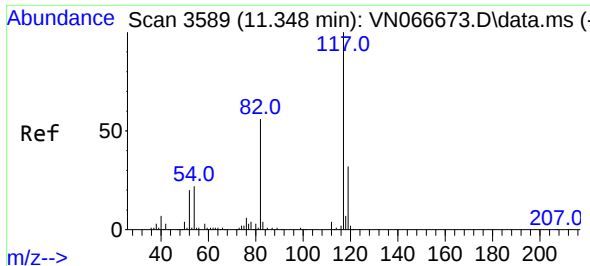
Tgt Ion: 65 Resp: 112406
Ion Ratio Lower Upper
65 100
67 54.2 42.2 63.4



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Tgt Ion: 114 Resp: 271801
Ion Ratio Lower Upper
114 100
63 21.1 17.4 26.0
88 15.6 12.6 19.0



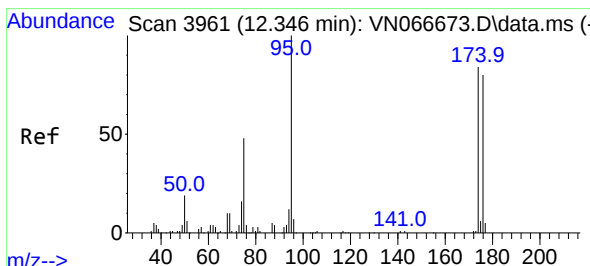
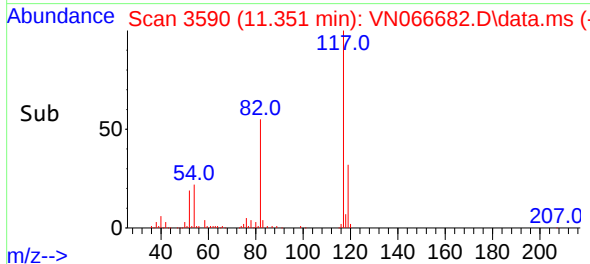
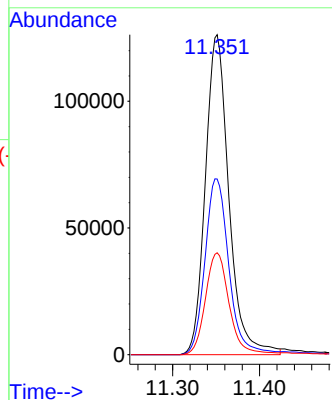
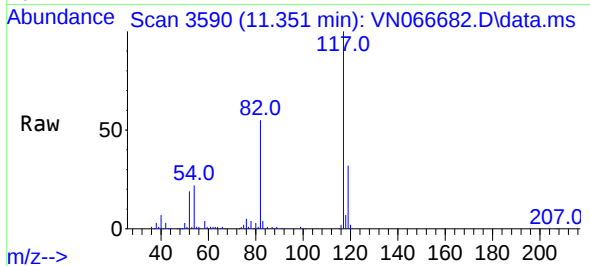


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

Tgt Ion: 117 Resp: 237388

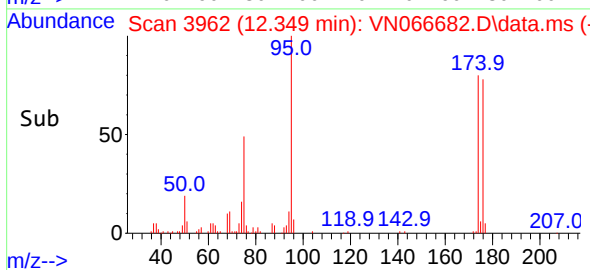
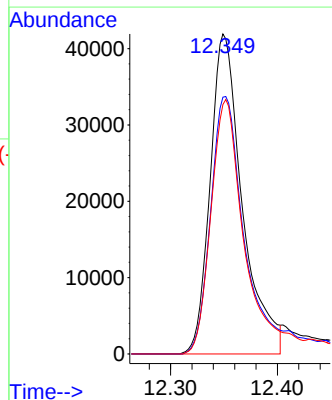
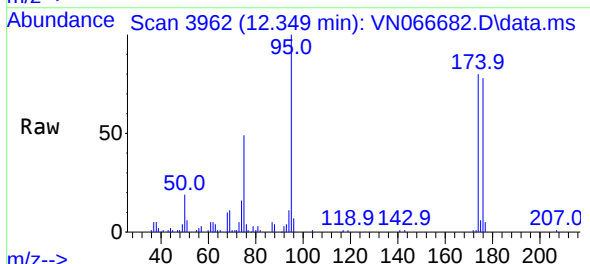
Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.0	67.6
119	32.2	25.5	38.3

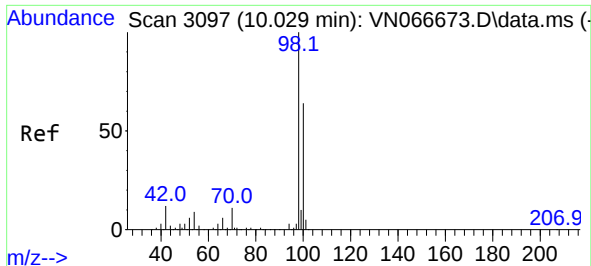


#60
4-Bromofluorobenzene
Concen: 23.55 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Tgt Ion: 95 Resp: 87639

Ion	Ratio	Lower	Upper
95	100		
174	83.3	68.1	102.1
176	83.5	65.4	98.0

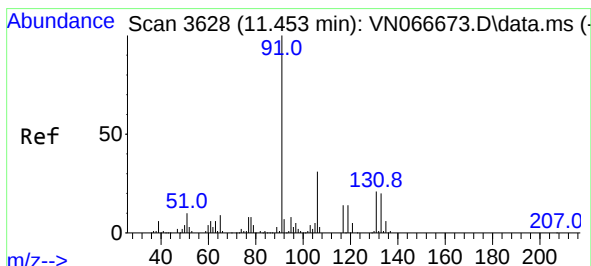
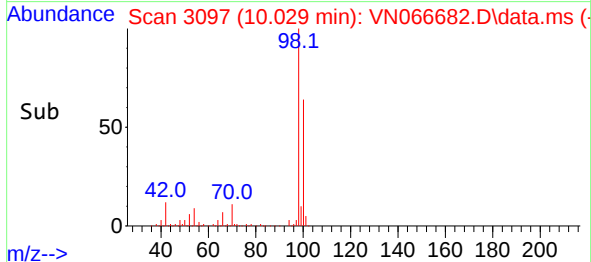
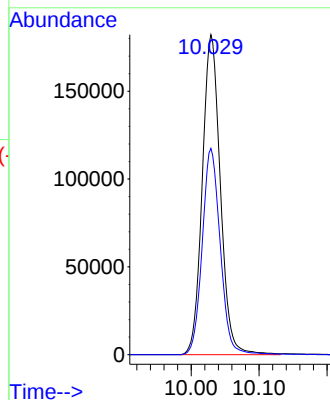
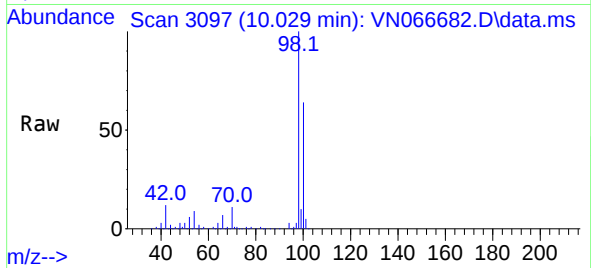




#63
Toluene-d8
Concen: 30.86 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

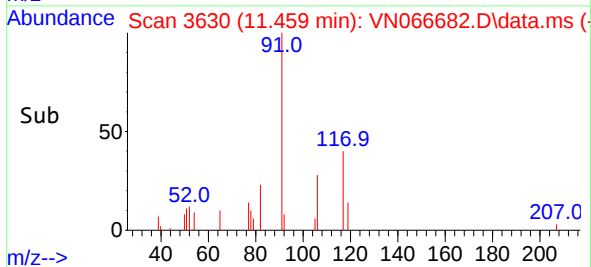
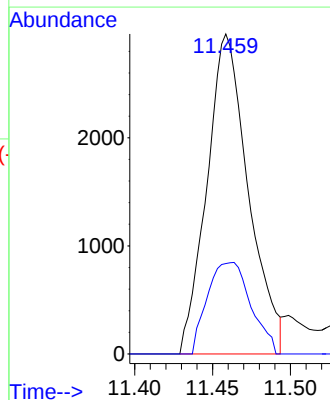
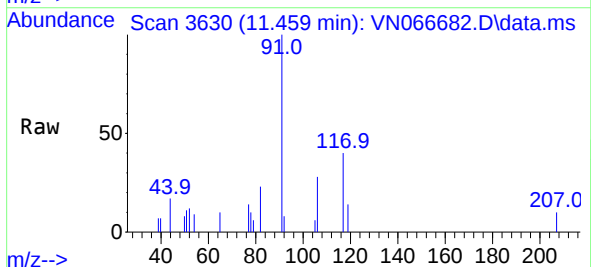
Instrument :
MSVOA_N
ClientSampleId :
HOLDING-TANK-260

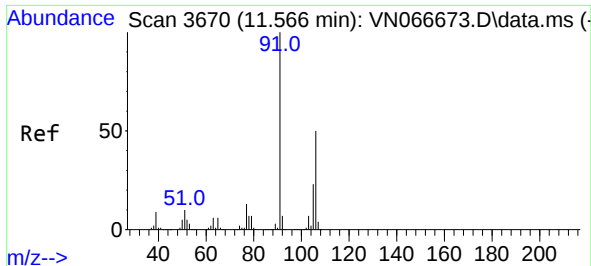
Tgt Ion: 98 Resp: 337014
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#66
Ethyl Benzene
Concen: 0.38 ug/l
RT: 11.459 min Scan# 3630
Delta R.T. 0.006 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Tgt Ion: 91 Resp: 5477
Ion Ratio Lower Upper
91 100
106 28.2 25.5 38.3

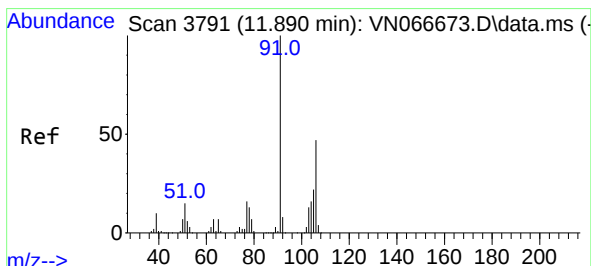
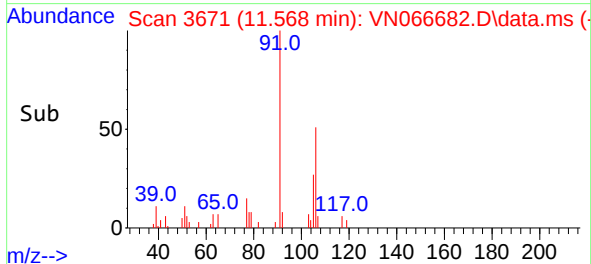
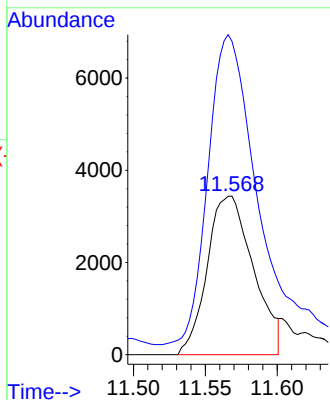
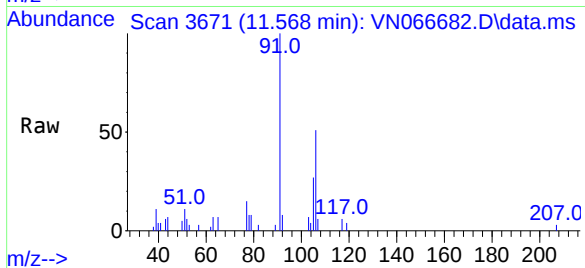




#67
m/p-Xylenes
Concen: 1.42 ug/l
RT: 11.568 min Scan# 3671
Delta R.T. 0.002 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

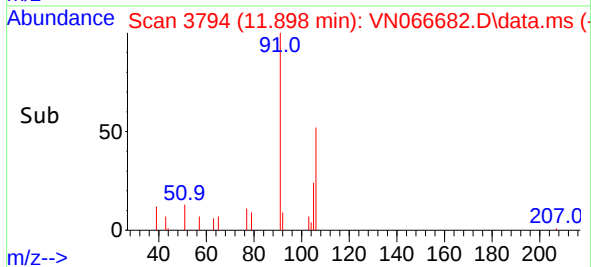
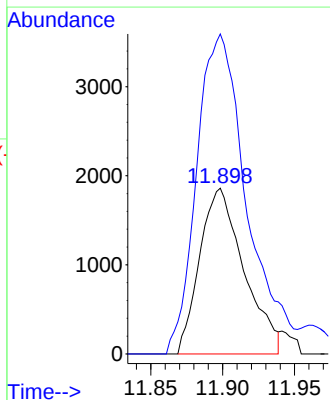
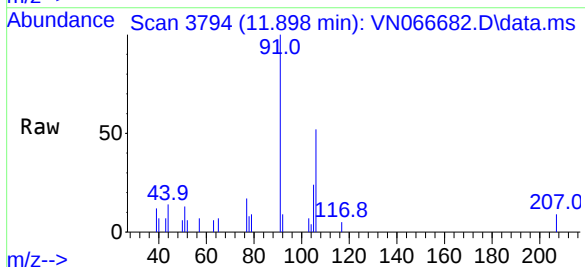
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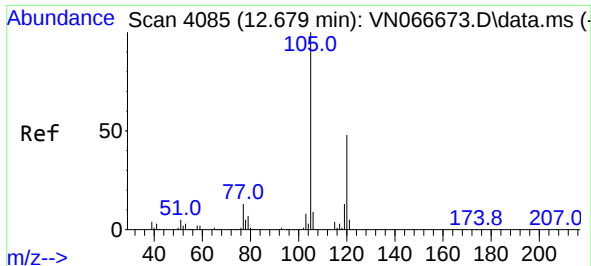
Tgt Ion:106 Resp: 7688
Ion Ratio Lower Upper
106 100
91 223.0 164.8 247.2



#68
o-Xylene
Concen: 0.76 ug/l
RT: 11.898 min Scan# 3794
Delta R.T. 0.008 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Tgt Ion:106 Resp: 3981
Ion Ratio Lower Upper
106 100
91 219.1 107.1 321.4

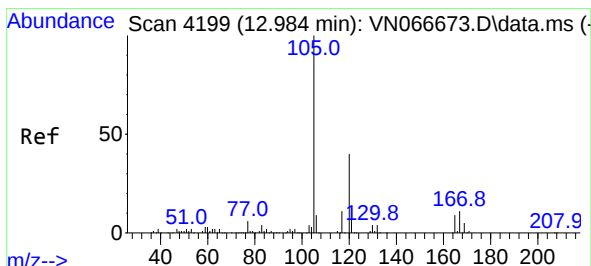
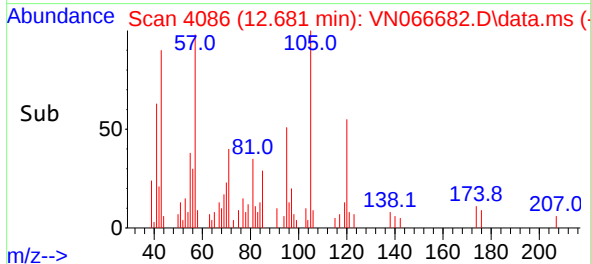
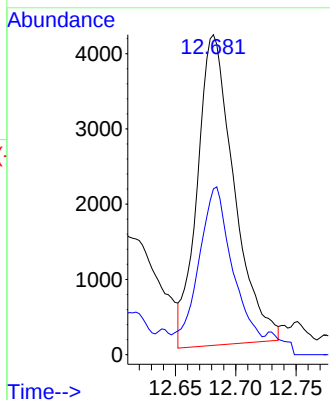
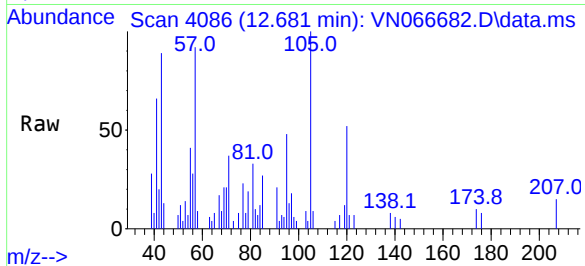




#76
1,3,5-Trimethylbenzene
Concen: 0.76 ug/l
RT: 12.681 min Scan# 4086
Delta R.T. 0.002 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

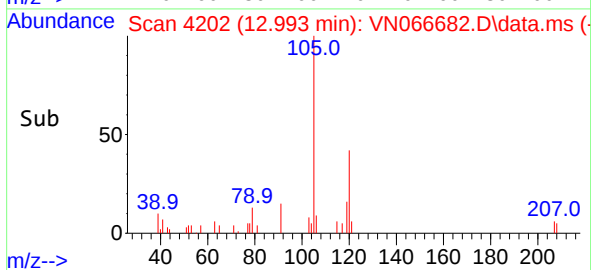
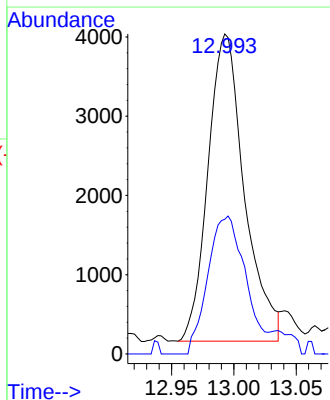
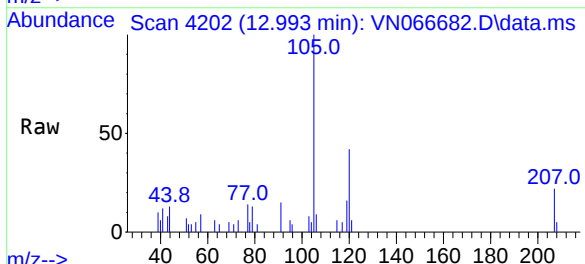
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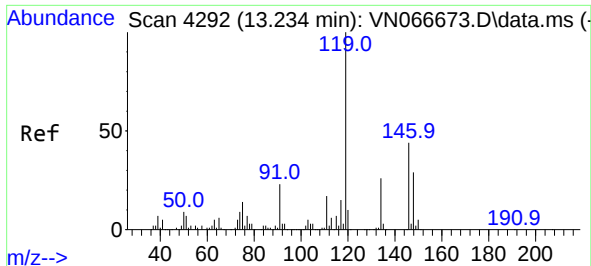
Tgt Ion:105 Resp: 8747
Ion Ratio Lower Upper
105 100
120 41.6 0.0 98.2



#80
1,2,4-Trimethylbenzene
Concen: 0.71 ug/l
RT: 12.993 min Scan# 4202
Delta R.T. 0.009 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Tgt Ion:105 Resp: 7882
Ion Ratio Lower Upper
105 100
120 46.4 0.0 90.6

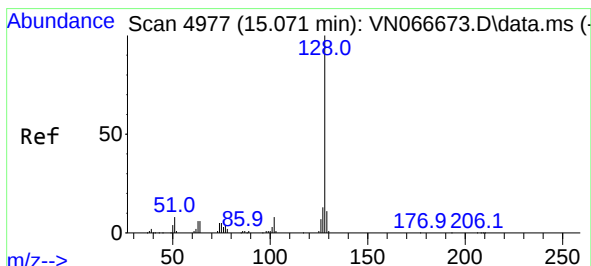
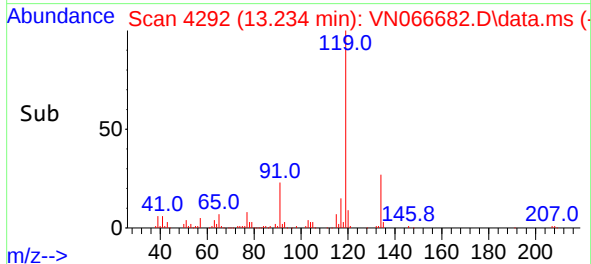
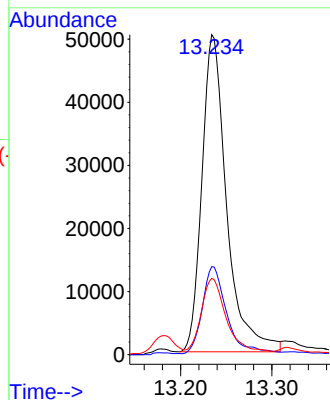
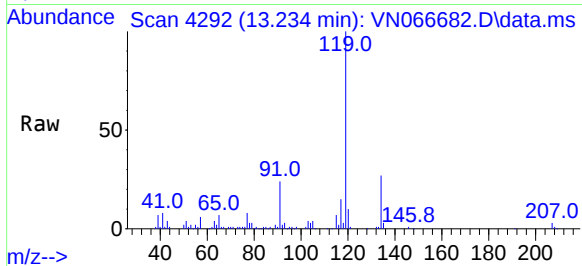




#82
p-Isopropyltoluene
Concen: 8.59 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Instrument :
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Tgt Ion:	119	Resp:	94821
Ion Ratio	Lower	Upper	
119	100		
134	26.4	0.0	53.4
91	23.8	0.0	47.6



#91
Naphthalene
Concen: 2.95 ug/l
RT: 15.079 min Scan# 4980
Delta R.T. 0.008 min
Lab File: VN066682.D
Acq: 20 Apr 2021 15:16

Tgt Ion:	128	Resp:	23173
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.2	15.2
129	10.3	8.6	13.0

