

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019111.D
 Acq On : 03 Jun 2021 16:58
 Operator : SY/VA
 Sample : M2596-11
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5Q7

Quant Time: Jun 04 01:04:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 04 01:03:52 2021
 Response via : Initial Calibration

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

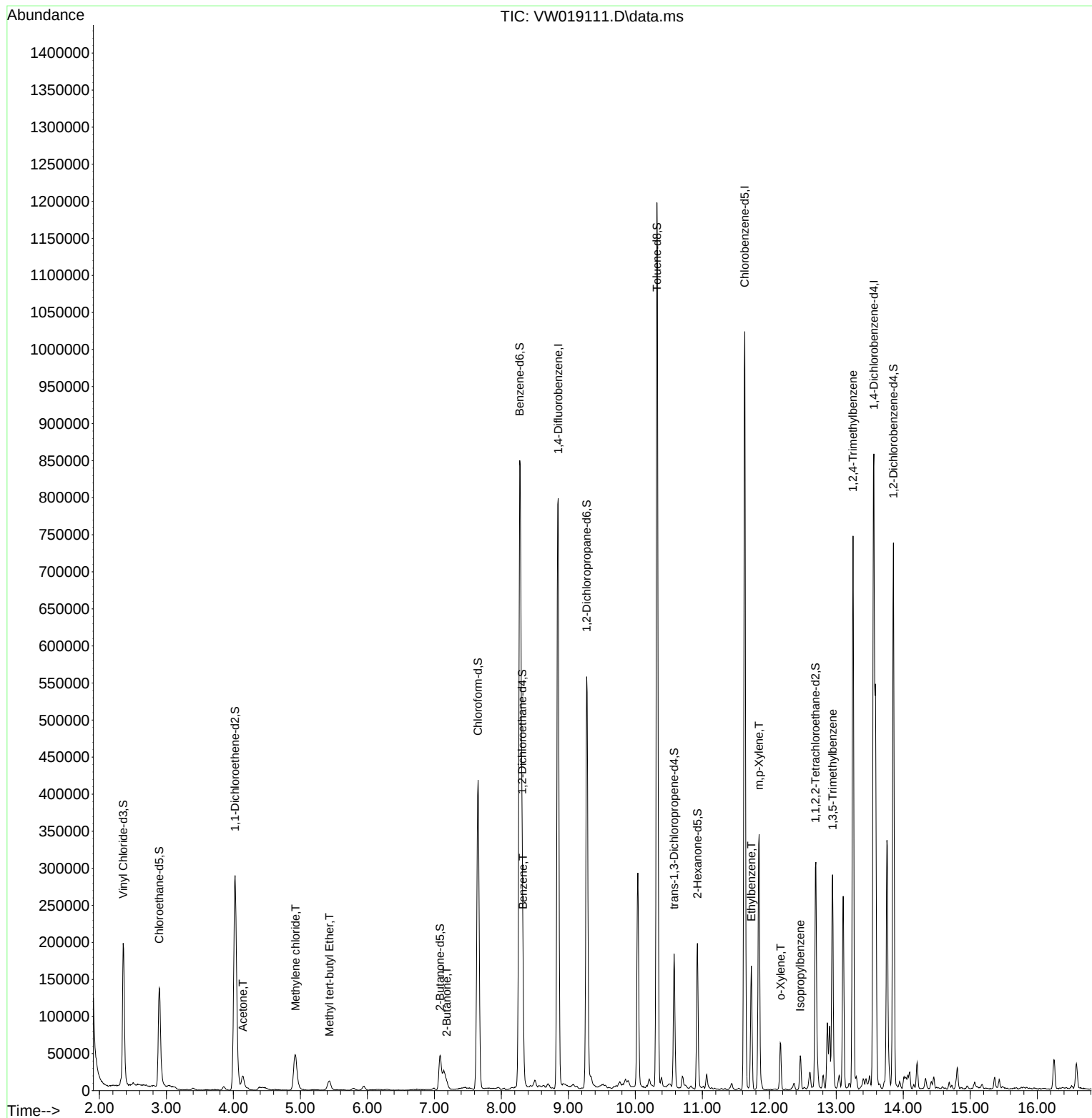
Internal Standards							
1) 1,4-Difluorobenzene		8.848	114	665094	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.634	117	551358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	211326	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	232712	26.460	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.840%	
7) Chloroethane-d5		2.891	69	184868	24.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%	
11) 1,1-Dichloroethene-d2		4.025	63	324391	18.565	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.240%	
21) 2-Butanone-d5		7.086	46	80492	34.940	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.880%	
24) Chloroform-d		7.653	84	426080	23.828	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%	
26) 1,2-Dichloroethane-d4		8.311	65	222159	22.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.600%	
32) Benzene-d6		8.275	84	881656	28.067	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.280%	
36) 1,2-Dichloropropane-d6		9.274	67	255765	26.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.440%	
41) Toluene-d8		10.323	98	767651	26.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.440%	
43) trans-1,3-Dichloroprop...		10.579	79	97374	23.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%	
47) 2-Hexanone-d5		10.927	63	67257	41.648	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.300%	
56) 1,1,2,2-Tetrachloroeth...		12.688	84	152435	19.404	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.600%	
66) 1,2-Dichlorobenzene-d4		13.853	152	181387	24.591	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%	
Target Compounds							Qvalue
13) Acetone		4.141	43	35894	17.583	ug/L	81
16) Methylene chloride		4.928	84	42710	3.461	ug/L	97
18) Methyl tert-butyl Ether		5.434	73	18023	1.372	ug/L #	92
22) 2-Butanone		7.183	43	15265	5.593	ug/L	99
33) Benzene		8.323	78	14072	0.388	ug/L	100
52) Ethylbenzene		11.731	91	113150	2.636	ug/L	95
53) m,p-Xylene		11.847	106	97678	6.171	ug/L	99
54) o-Xylene		12.170	106	16297	1.081	ug/L	99
60) Isopropylbenzene		12.463	105	27358	0.865	ug/L	98
62) 1,3,5-Trimethylbenzene		12.945	105	146826	5.650	ug/L	100
63) 1,2,4-Trimethylbenzene		13.249	105	407699	15.717	ug/L	98

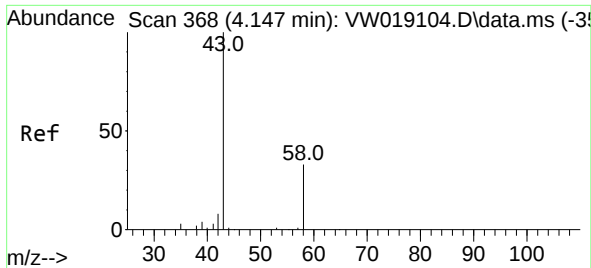
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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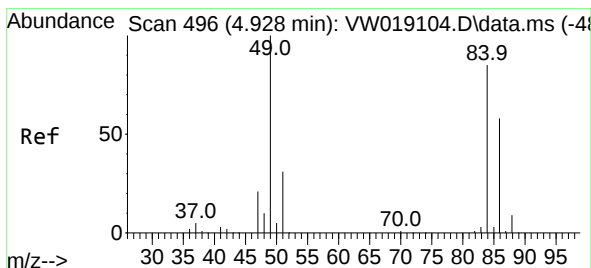
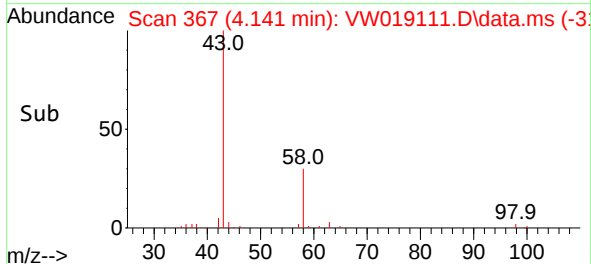
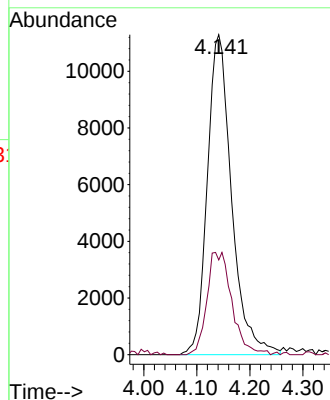
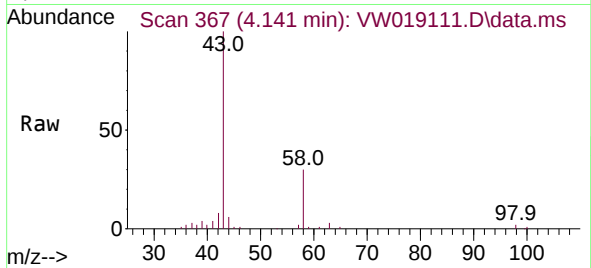




#13
Acetone
Concen: 17.583 ug/L
RT: 4.141 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

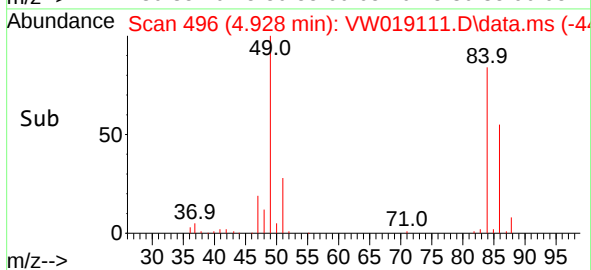
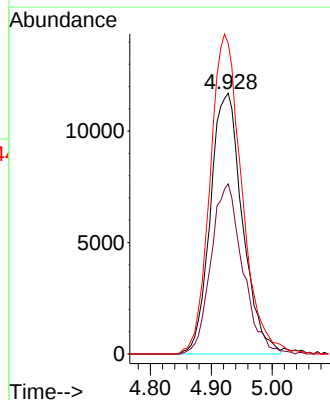
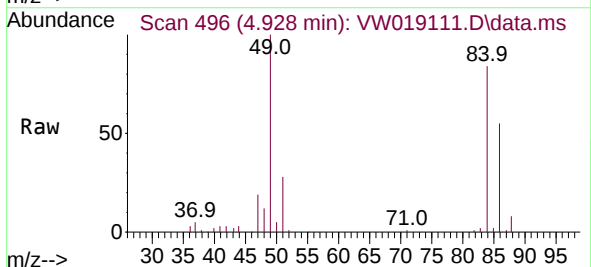
Instrument :
MSVOA_W
ClientSampleId :
BG5Q7

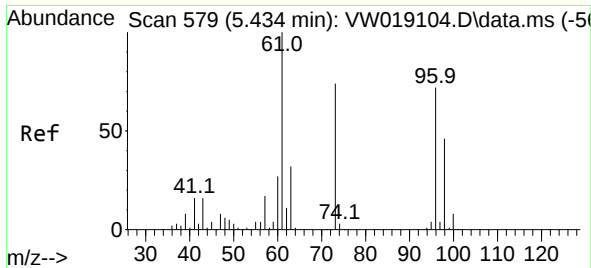
Tgt Ion: 43 Resp: 35894
Ion Ratio Lower Upper
43 100
58 16.9 0.0 53.8



#16
Methylene chloride
Concen: 3.461 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

Tgt Ion: 84 Resp: 42710
Ion Ratio Lower Upper
84 100
86 65.2 45.3 84.1
49 119.2 86.6 160.8

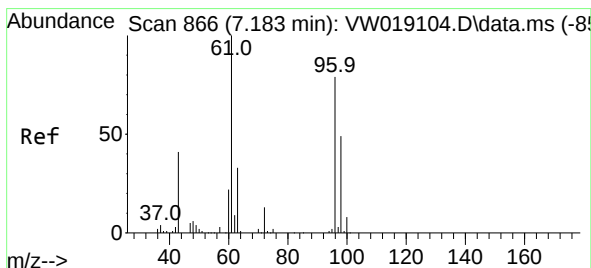
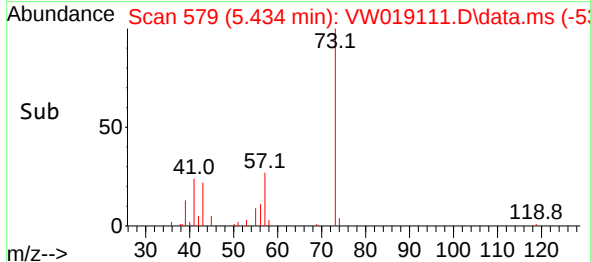
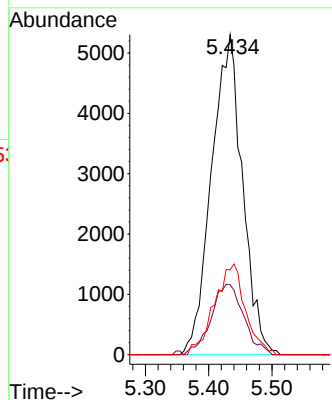
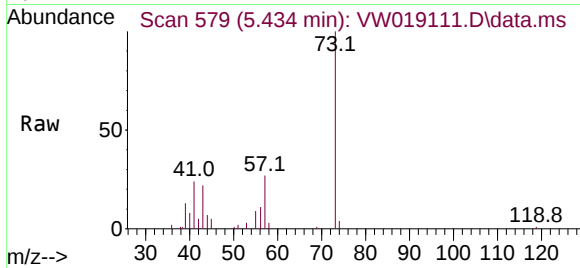




#18
Methyl tert-butyl Ether
Concen: 1.372 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

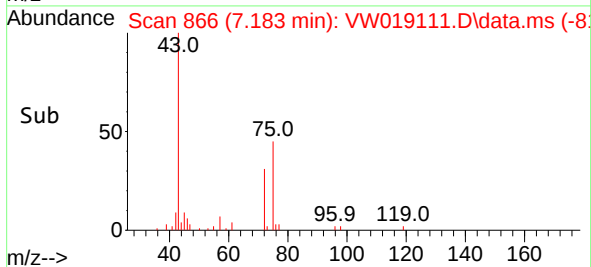
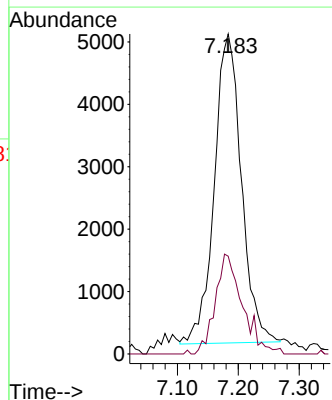
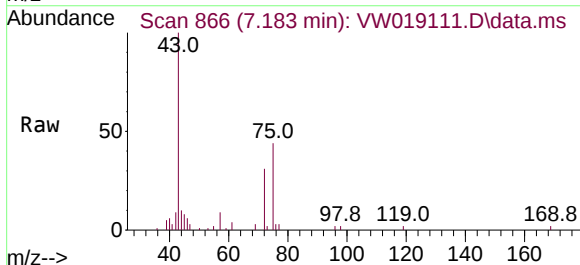
Instrument :
MSVOA_W
ClientSampleId :
BG5Q7

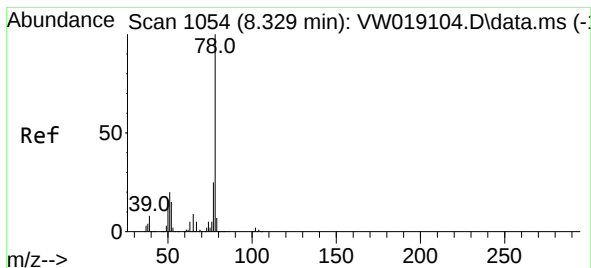
Tgt Ion: 73	Resp: 18023
Ion Ratio	Lower Upper
73	100
43	22.5 17.7 26.5
57	28.4 17.0 25.4#



#22
2-Butanone
Concen: 5.593 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

Tgt Ion: 43	Resp: 15265
Ion Ratio	Lower Upper
43	100
72	29.1 14.9 44.7





#33

Benzene

Concen: 0.388 ug/L

RT: 8.323 min Scan# 1053

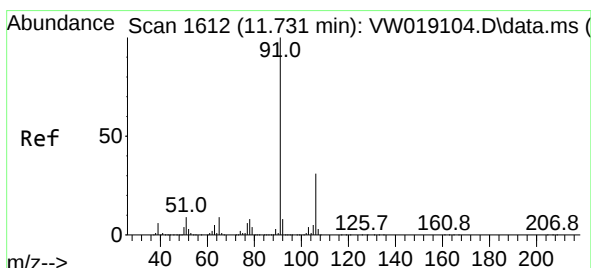
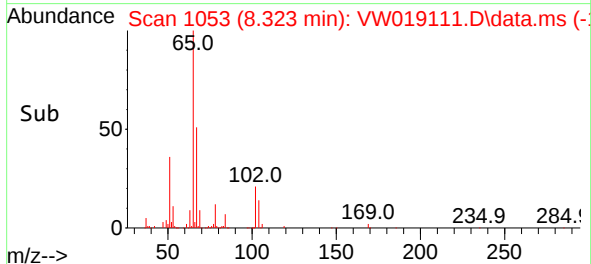
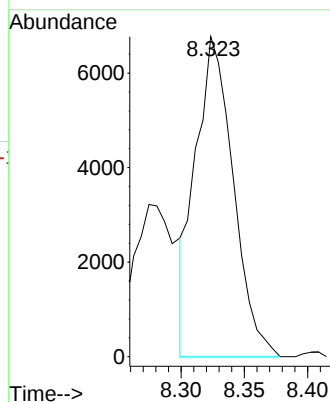
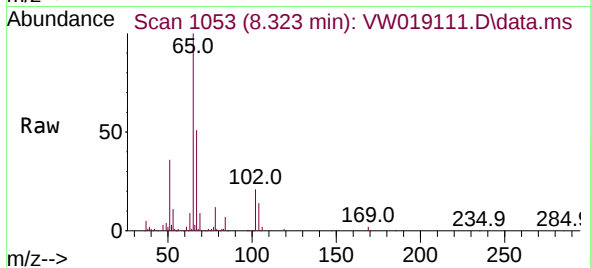
Delta R.T. -0.006 min

Lab File: VW019111.D

Acq: 03 Jun 2021 16:58

Tgt Ion: 78 Resp: 14072

Instrument :
MSVOA_W
ClientSampleId :
BG5Q7



#52

Ethylbenzene

Concen: 2.636 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW019111.D

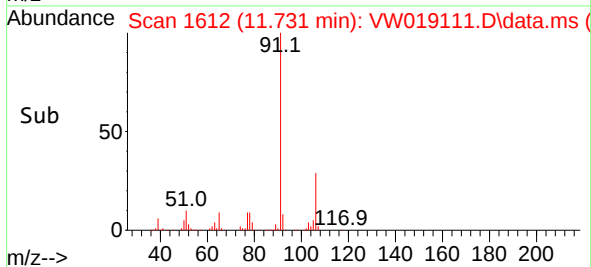
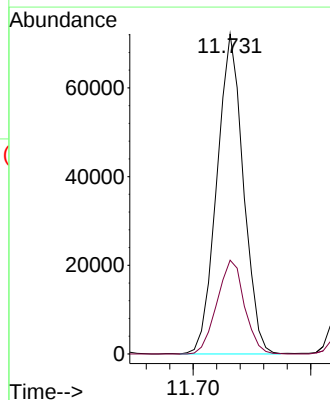
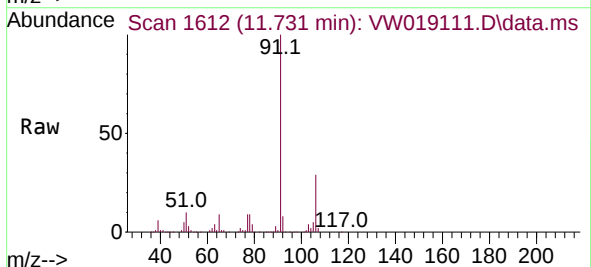
Acq: 03 Jun 2021 16:58

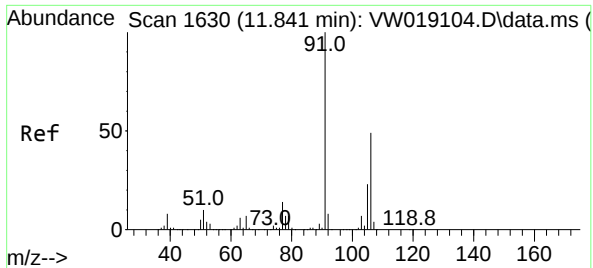
Tgt Ion: 91 Resp: 113150

Ion Ratio Lower Upper

91 100

106 29.3 22.5 41.7

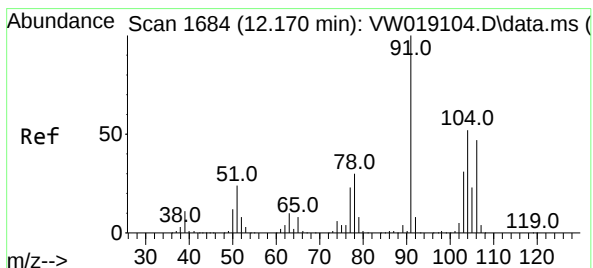
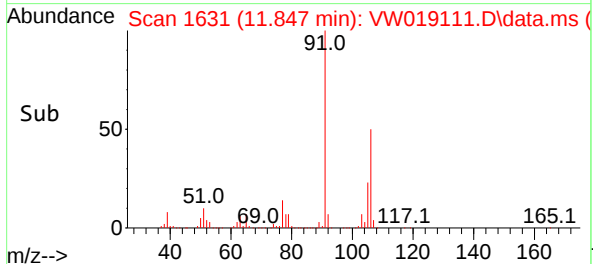
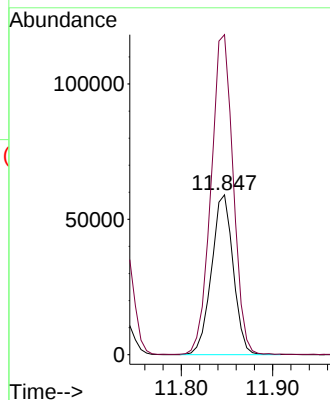
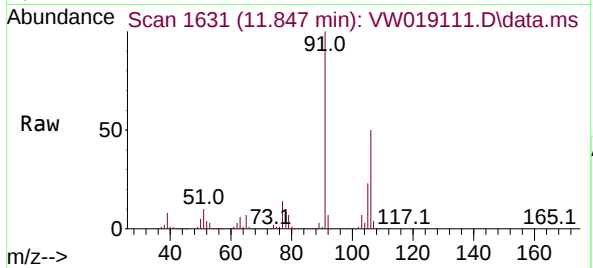




#53
m,p-Xylene
Concen: 6.171 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

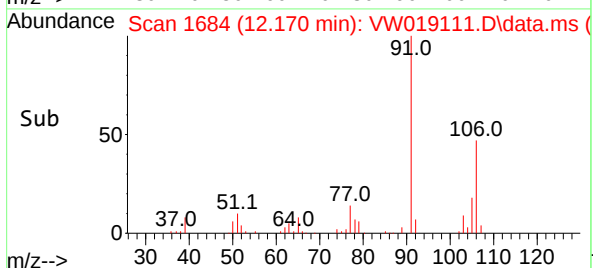
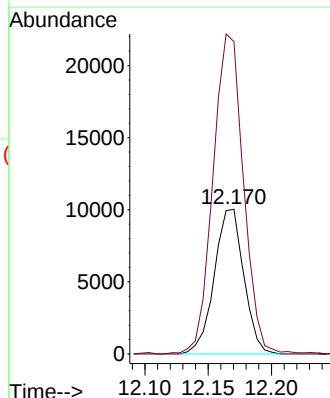
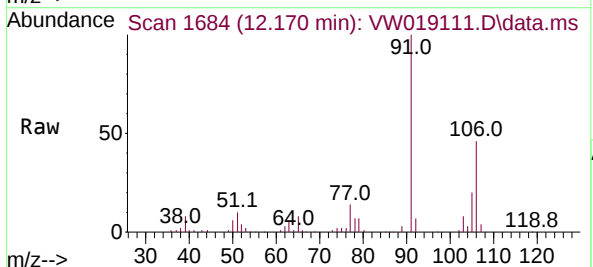
Instrument :
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ClientSampleId :
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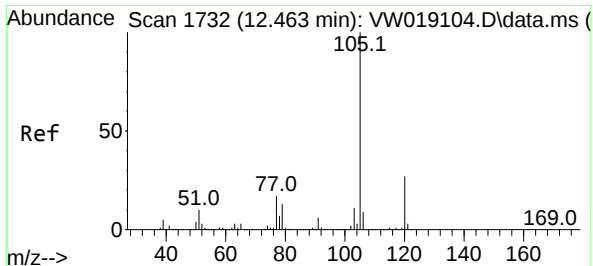
Tgt Ion:106 Resp: 97678
Ion Ratio Lower Upper
106 100
91 200.1 141.3 262.3



#54
o-Xylene
Concen: 1.081 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

Tgt Ion:106 Resp: 16297
Ion Ratio Lower Upper
106 100
91 215.8 150.0 278.6

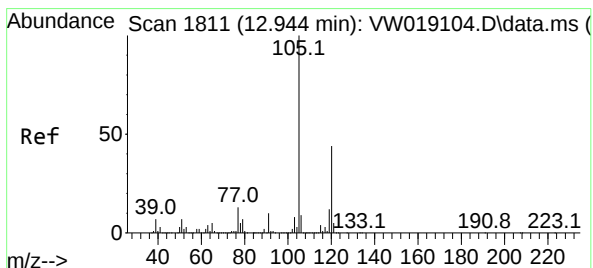
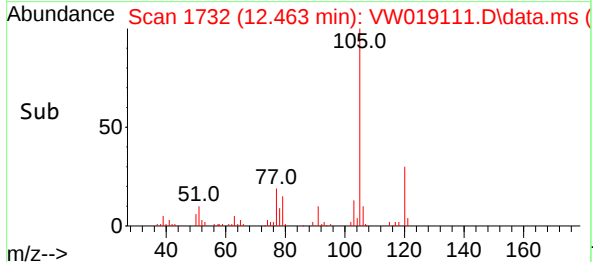
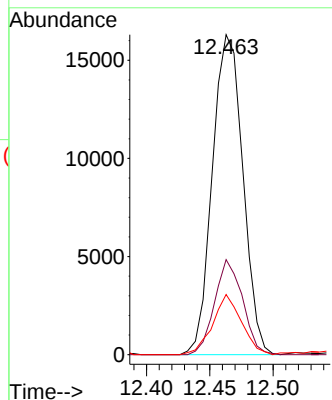
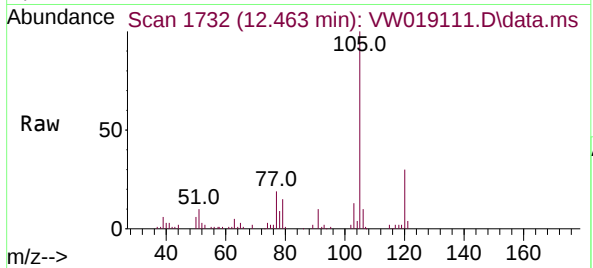




#60
Isopropylbenzene
Concen: 0.865 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

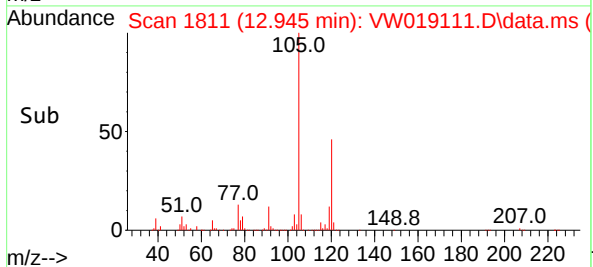
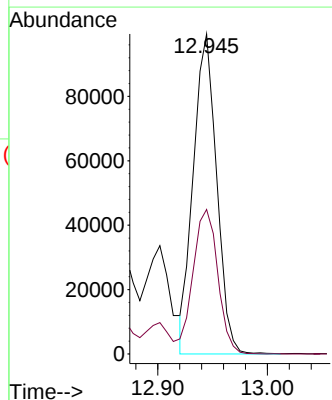
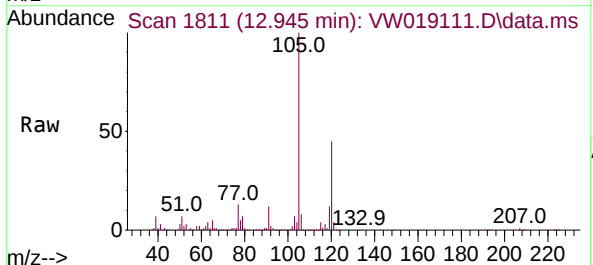
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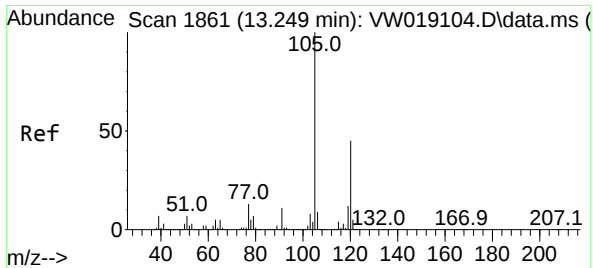
Tgt Ion:	105	Resp:	27358
Ion Ratio	Lower	Upper	
105	100		
120	27.3	21.1	31.7
77	17.7	13.2	19.8



#62
1,3,5-Trimethylbenzene
Concen: 5.650 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

Tgt Ion:	105	Resp:	146826
Ion Ratio	Lower	Upper	
105	100		
120	48.5	39.0	58.6





#63
 1,2,4-Trimethylbenzene
 Concen: 15.717 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW019111.D
 Acq: 03 Jun 2021 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5Q7

Tgt Ion:105 Resp: 407699
 Ion Ratio Lower Upper
 105 100
 120 43.4 35.6 53.4

