

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 :

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)

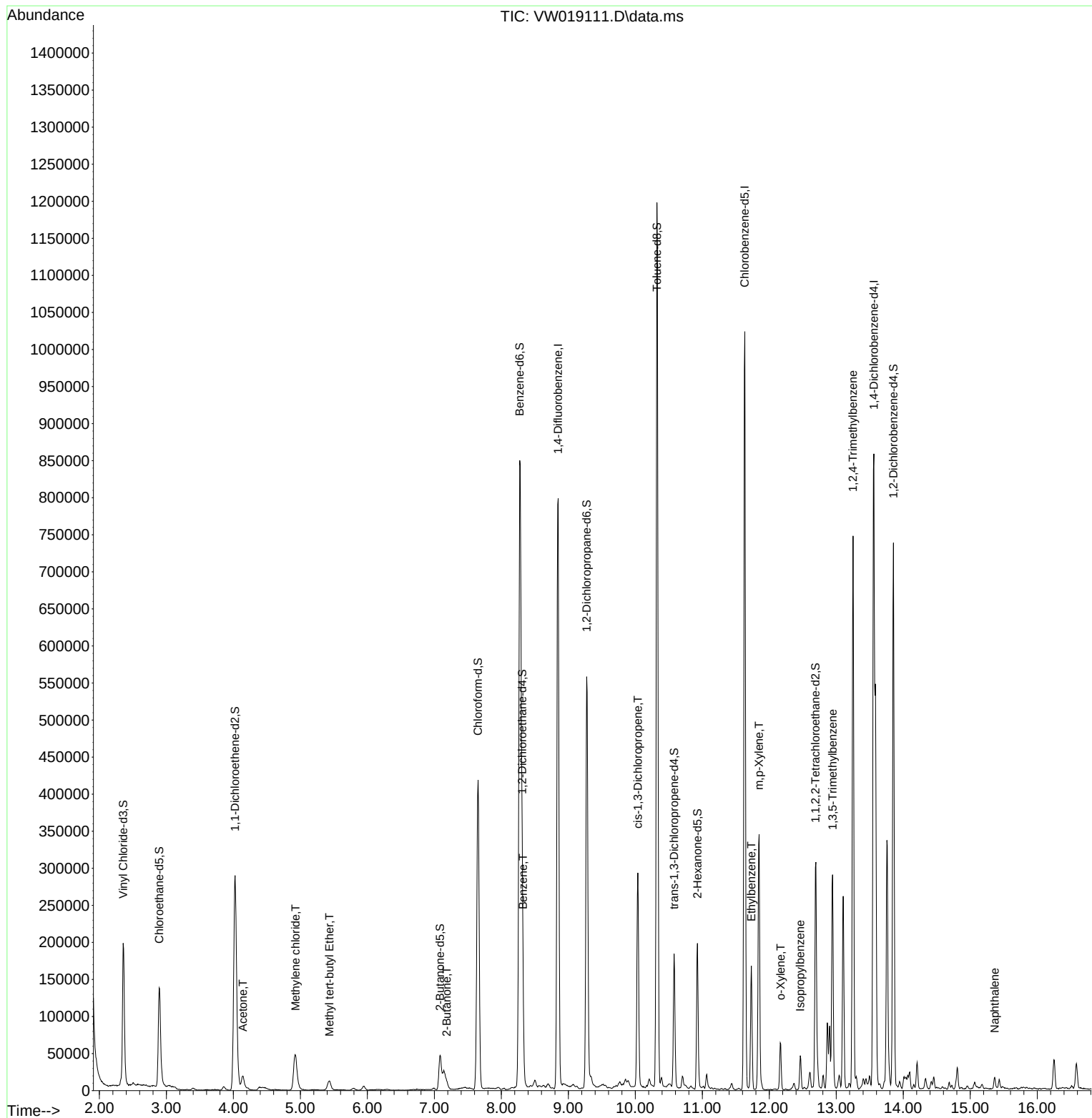
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	665094	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	551358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	211326	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	232712	26.460	ug/L	-0.01
Spiked Amount 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
39) cis-1,3-Dichloropropene	10.037	75	7206	0.522	ug/L #	78
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
71) Naphthalene	15.365	128	12858	0.788	ug/L	99

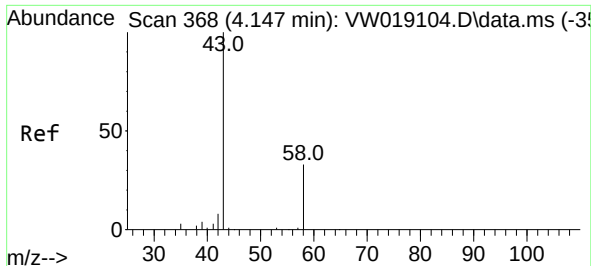
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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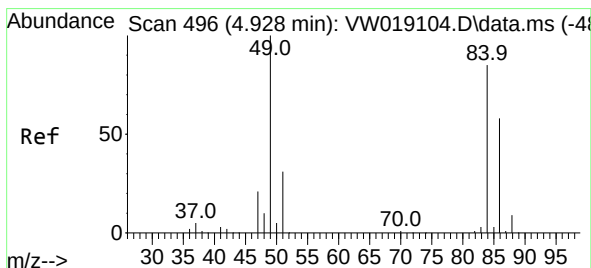
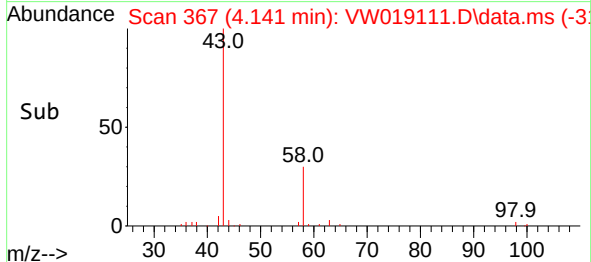
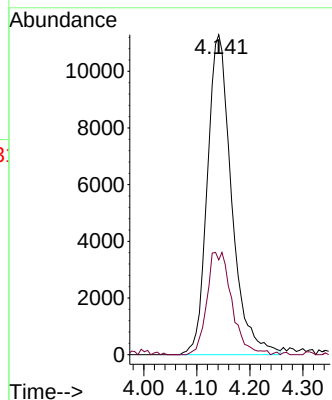
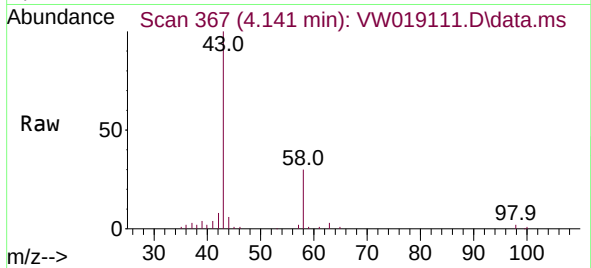




#13
Acetone
Concen: 17.583 ug/L
RT: 4.141 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

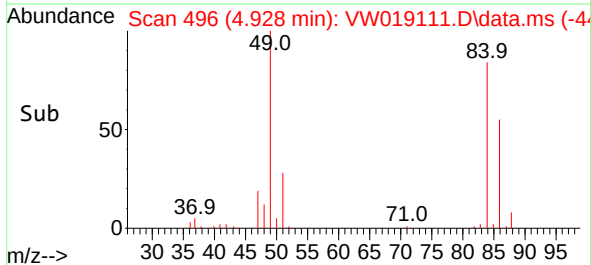
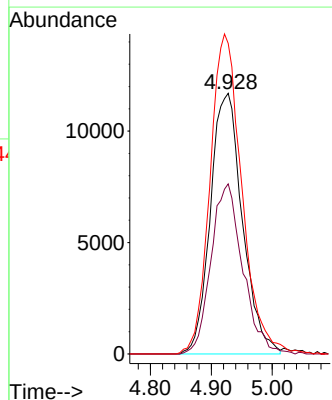
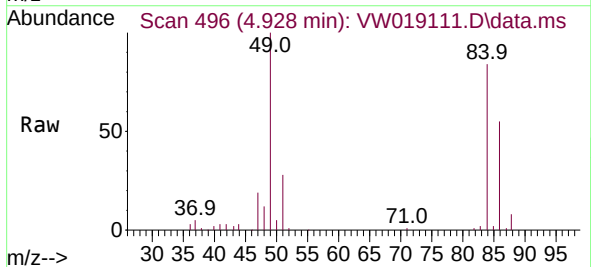
Instrument :
MSVOA_W
ClientSampled :

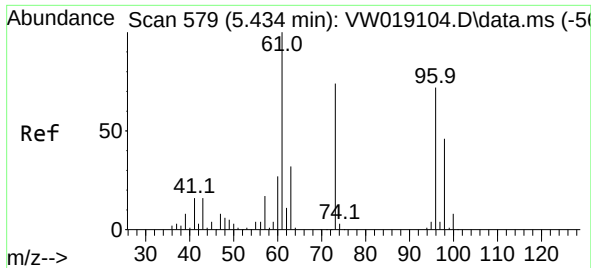
Tgt Ion: 43 Resp: 35894
Ion Ratio Lower Upper
43 100
58 16.9 0.0 53.8



#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

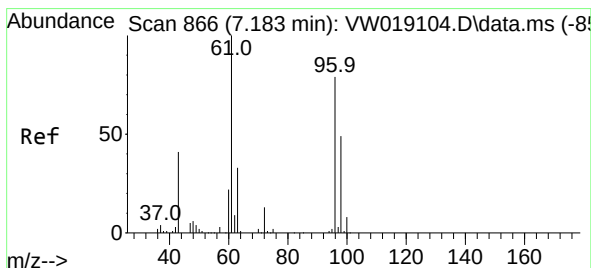
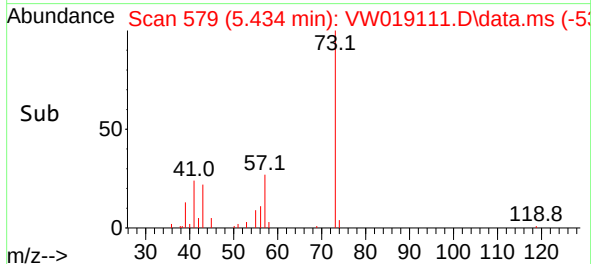
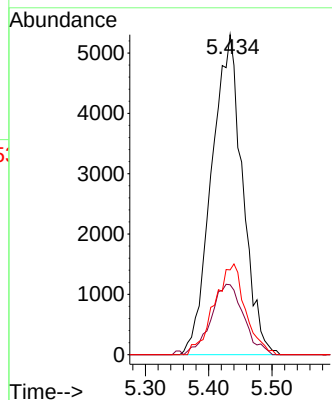
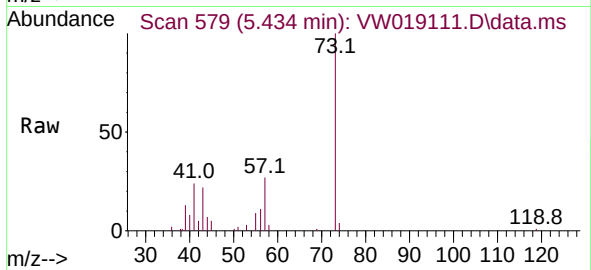




#18
Methyl tert-butyl Ether
Concen: 1.372 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

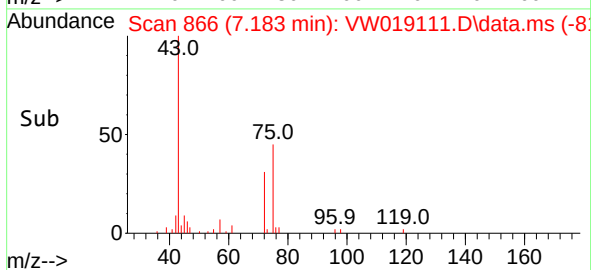
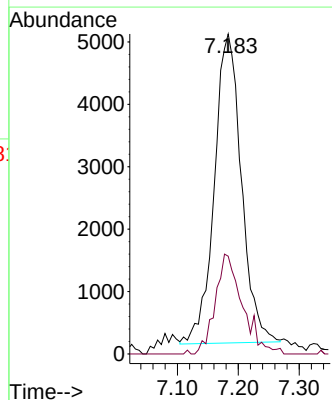
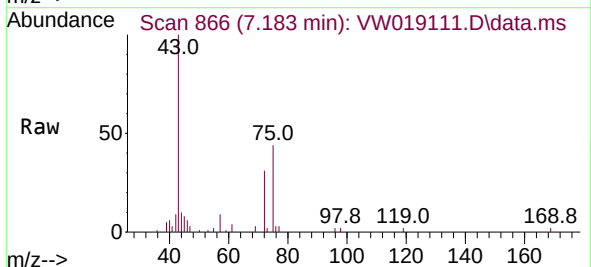
Instrument :
MSVOA_W
ClientSampleId :

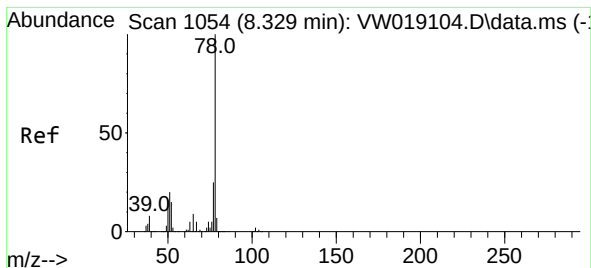
Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.5	17.7	26.5
57	28.4	17.0	25.4



#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	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

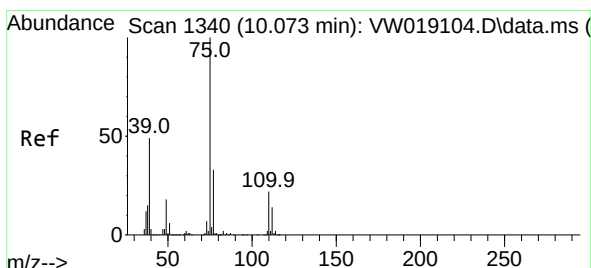
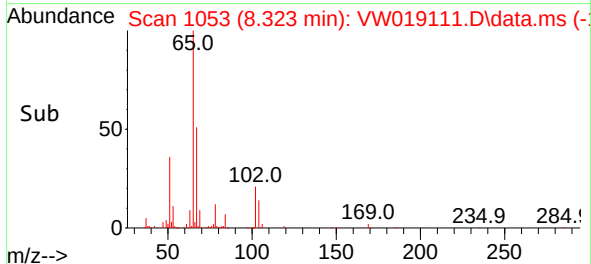
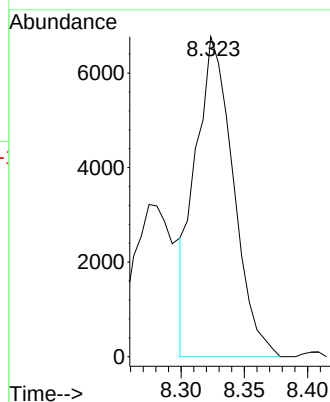
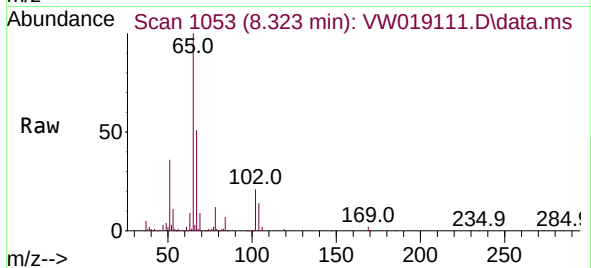
Delta R.T. -0.006 min

Lab File: VW019111.D

Acq: 03 Jun 2021 16:58

Tgt Ion: 78 Resp: 14072

Instrument :
MSVOA_W
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.522 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW019111.D

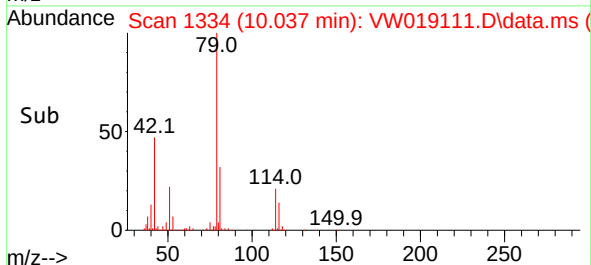
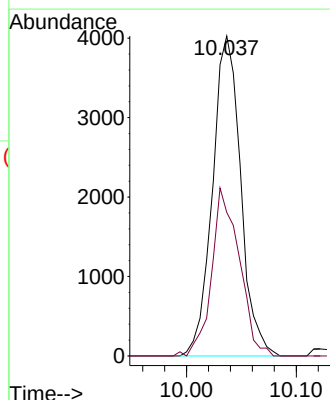
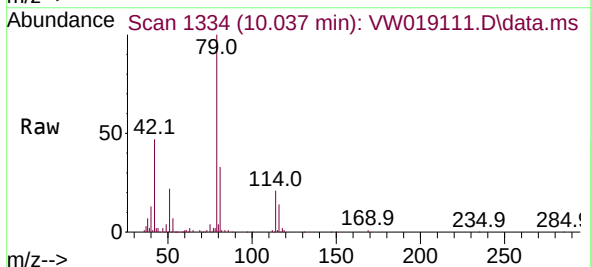
Acq: 03 Jun 2021 16:58

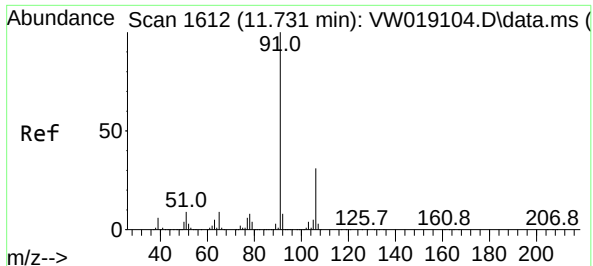
Tgt Ion: 75 Resp: 7206

Ion Ratio Lower Upper

75 100

77 44.8 22.6 42.0#

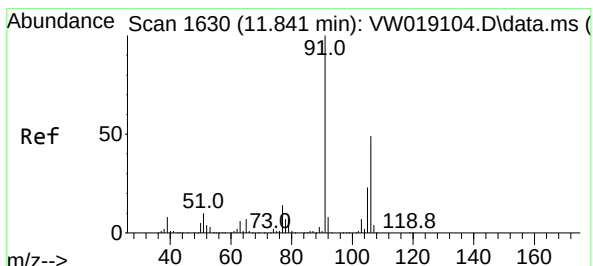
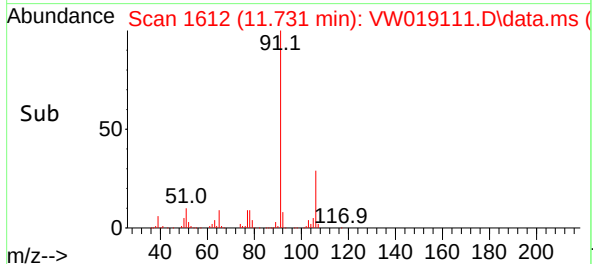
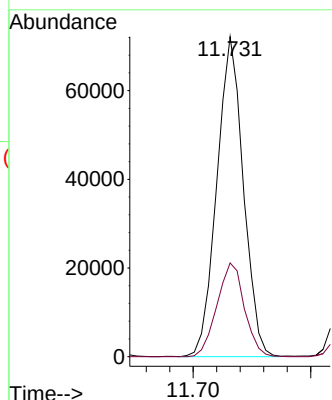
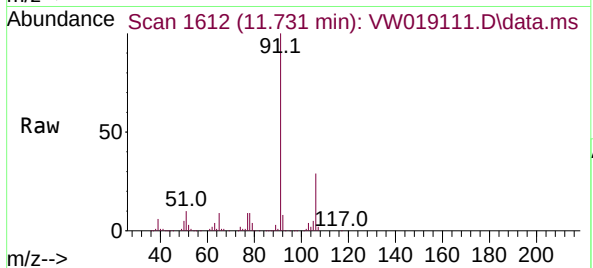




#52
Ethylbenzene
Concen: 2.636 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

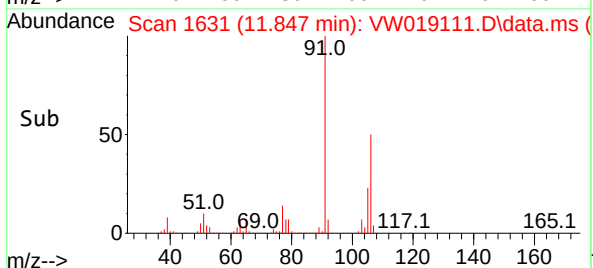
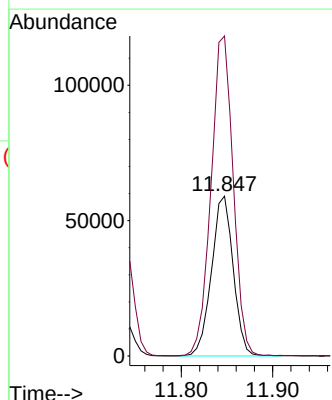
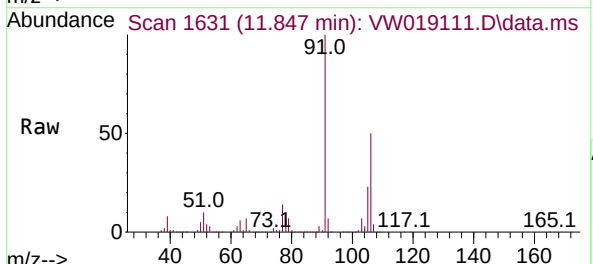
Instrument :
MSVOA_W
ClientSampled :

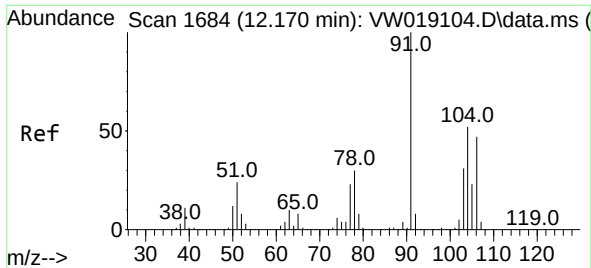
Tgt Ion: 91 Resp: 113150
Ion Ratio Lower Upper
91 100
106 29.3 22.5 41.7



#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

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

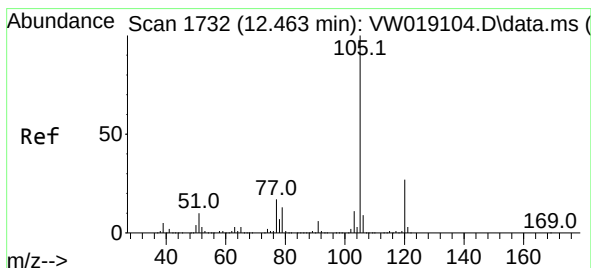
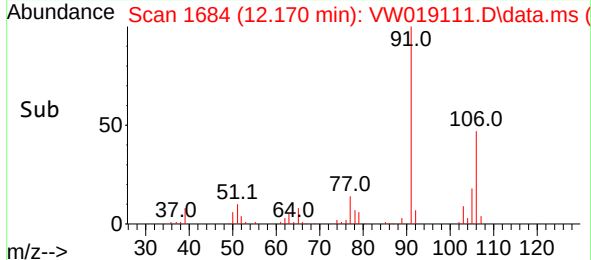
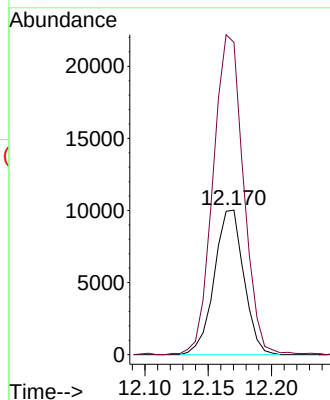
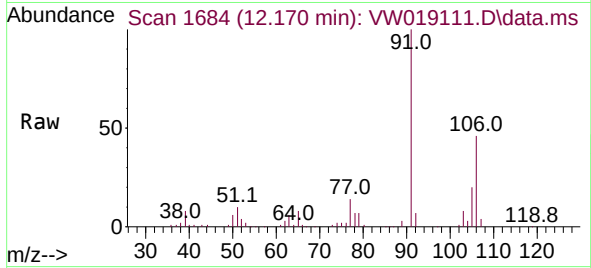




#54
o-Xylene
Concen: 1.081 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

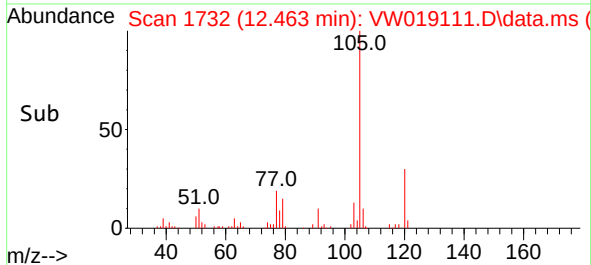
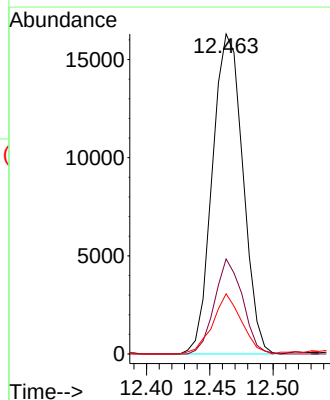
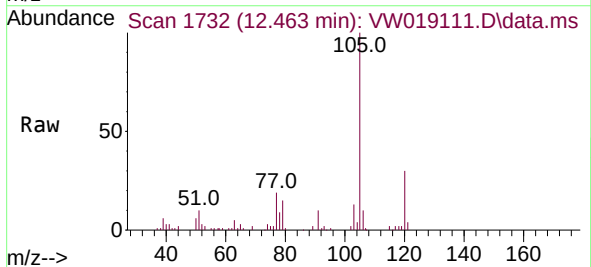
Instrument :
MSVOA_W
ClientSampled :

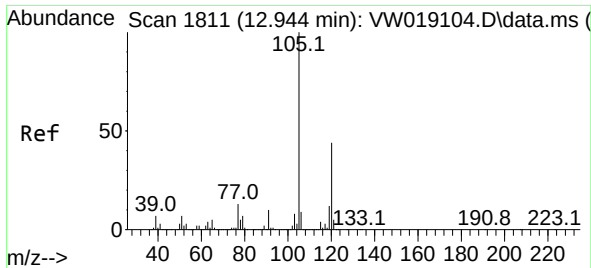
Tgt Ion:106 Resp: 16297
Ion Ratio Lower Upper
106 100
91 215.8 150.0 278.6



#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

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

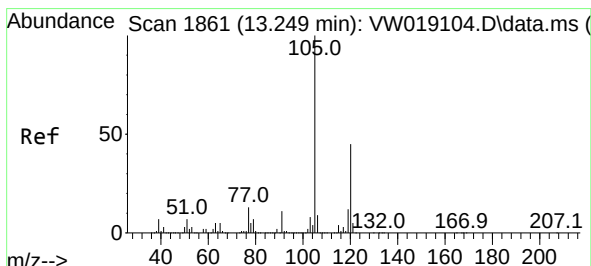
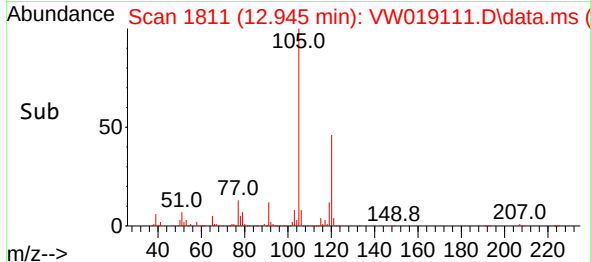
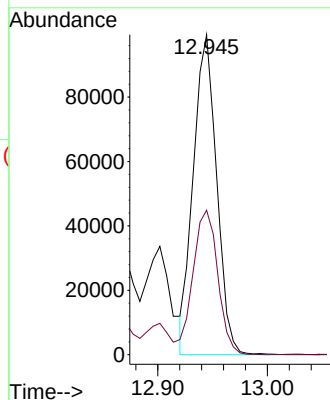
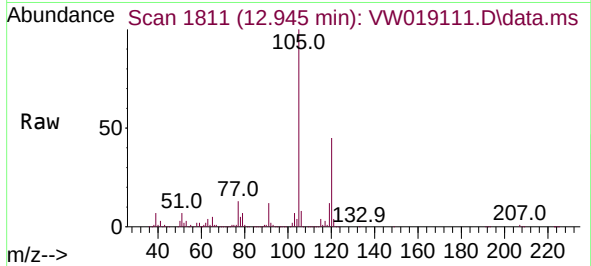




#62
1,3,5-Trimethylbenzene
Concen: 5.650 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

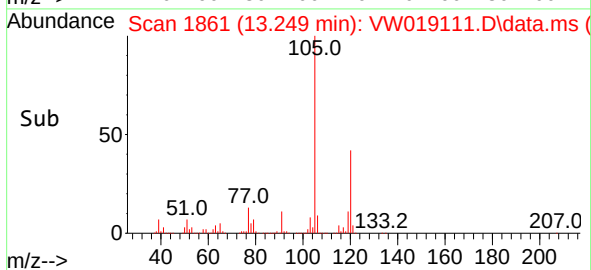
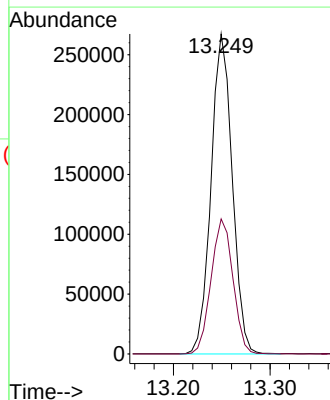
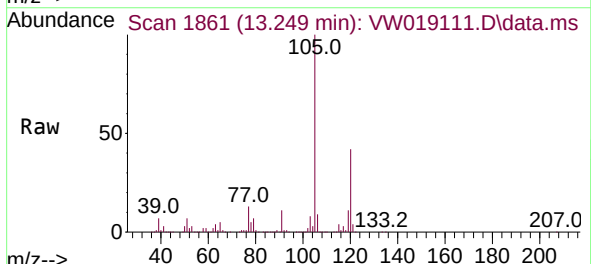
Instrument :
MSVOA_W
ClientSampled :

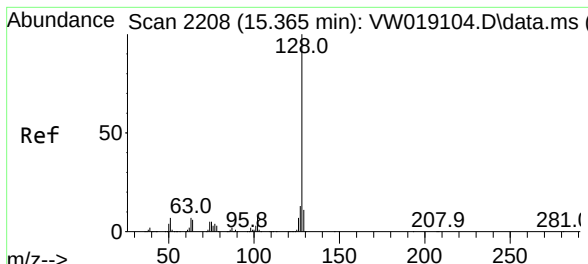
Tgt Ion:105 Resp: 146826
Ion Ratio Lower Upper
105 100
120 48.5 39.0 58.6



#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

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





#71
Naphthalene
Concen: 0.788 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019111.D
Acq: 03 Jun 2021 16:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	12858
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	11.0	9.0	13.6

