

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
 Data File : VW019107.D
 Acq On : 03 Jun 2021 15:23
 Operator : SY/VA
 Sample : M2596-08
 Misc : 6.11G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 01:04:28 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	8.841	114	668257	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	554278	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	206505	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	251552	28.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.880%
7) Chloroethane-d5	2.897	69	196634	26.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.520%
11) 1,1-Dichloroethene-d2	4.025	63	348263	19.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.360%
21) 2-Butanone-d5	7.086	46	84671	36.580	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.160%
24) Chloroform-d	7.756	84	131	0.007	ug/L	0.10
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.0400#
26) 1,2-Dichloroethane-d4	8.311	65	234472	23.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.080%
32) Benzene-d6	8.281	84	939249	29.742	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.960%
36) 1,2-Dichloropropane-d6	9.280	67	273521	28.570	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.280%
41) Toluene-d8	10.329	98	824764	28.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.760%
43) trans-1,3-Dichloroprop...	10.579	79	106184	25.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.440%
47) 2-Hexanone-d5	10.926	63	68508	42.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	167162	21.167	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	192034	26.643	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds			Qvalue			
12) 1,1-Dichloroethene	4.031	96	2789	0.294	ug/L #	1
13) Acetone	4.147	43	47162	22.994	ug/L	86
16) Methylene chloride	4.921	84	30621	2.469	ug/L	93
18) Methyl tert-butyl Ether	5.433	73	18973	1.438	ug/L #	68
22) 2-Butanone	7.189	43	12712	4.635	ug/L	99
33) Benzene	8.329	78	16879	0.463	ug/L	100
35) Methylcyclohexane	9.335	83	5624	0.344	ug/L #	81
39) cis-1,3-Dichloropropene	10.036	75	8092	0.583	ug/L #	78
42) Toluene	10.390	91	20742	0.529	ug/L	90
48) 2-Hexanone	10.926	43	13567	3.784	ug/L #	57
52) Ethylbenzene	11.731	91	21885	0.507	ug/L	95
53) m,p-Xylene	11.835	106	27464	1.726	ug/L	95
54) o-Xylene	12.164	106	22002	1.452	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	24106	0.949	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	68911	2.719	ug/L	99
71) Naphthalene	15.365	128	31472	1.973	ug/L	97

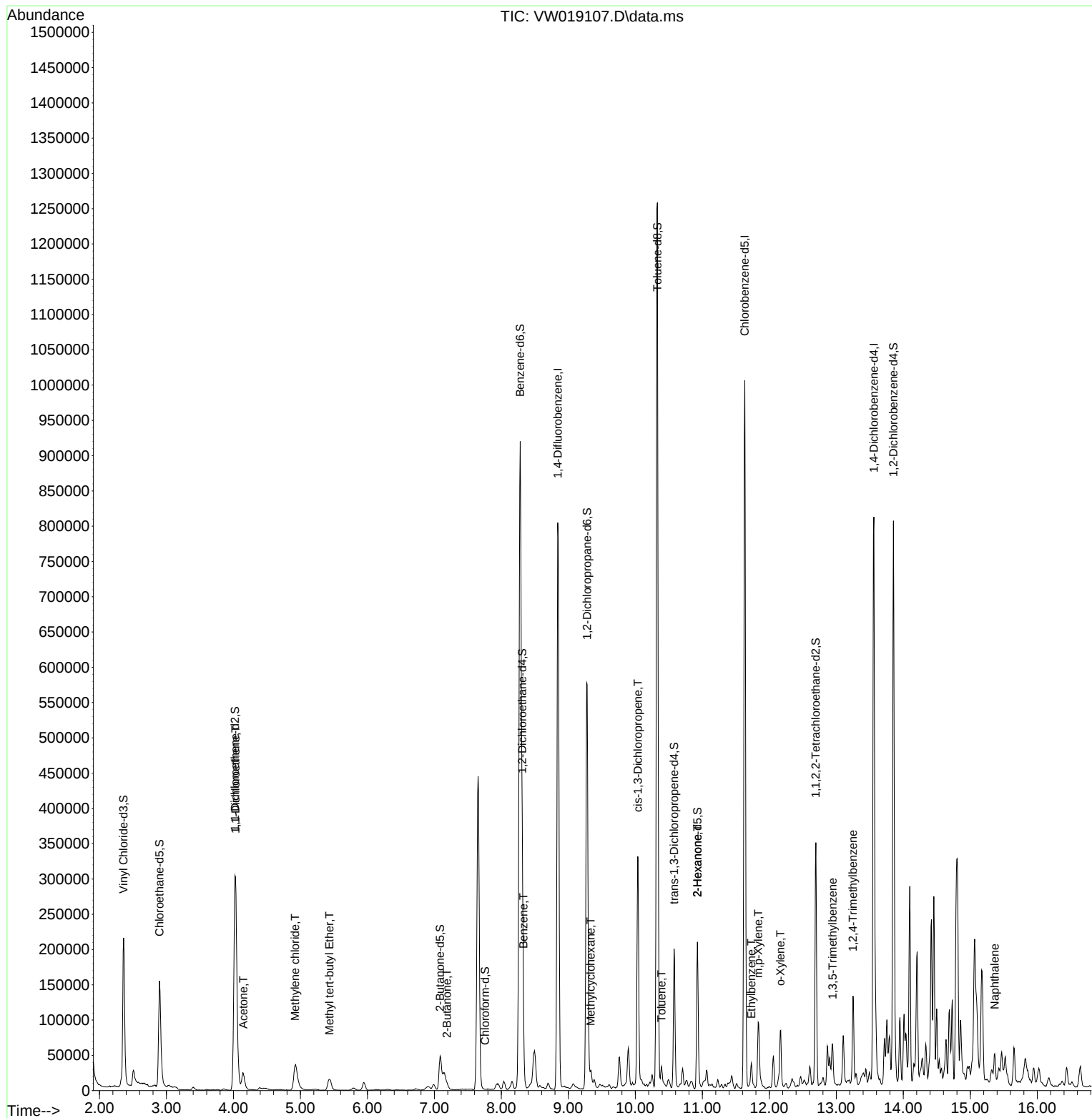
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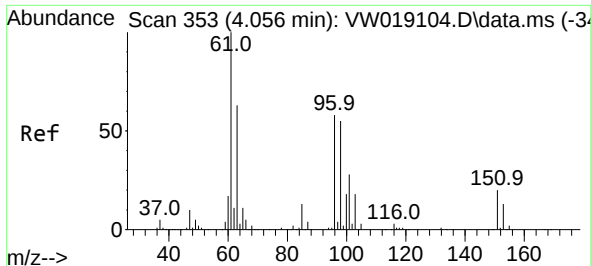
Instrument :
MSVOA_W
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060321\
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 04 01:04:28 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





#12

1,1-Dichloroethene

Concen: 0.294 ug/L

RT: 4.031 min Scan# 349

Delta R.T. -0.024 min

Lab File: VW019107.D

Acq: 03 Jun 2021 15:23

Tgt Ion: 96 Resp: 2789

Ion Ratio Lower Upper

96 100

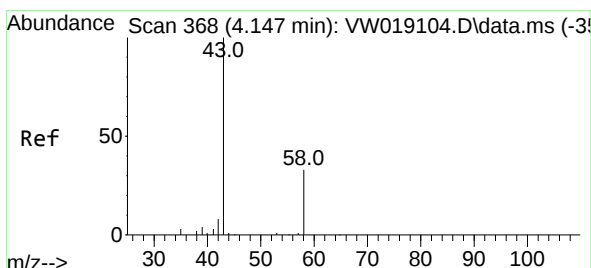
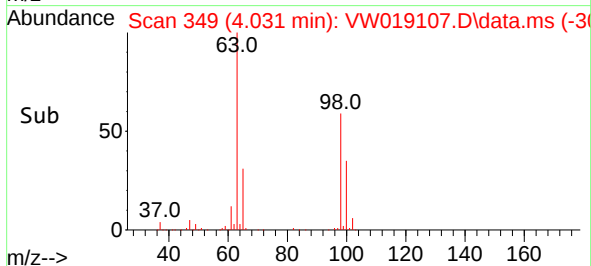
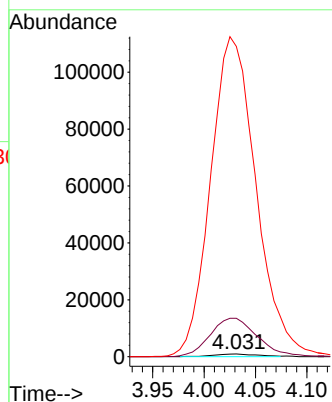
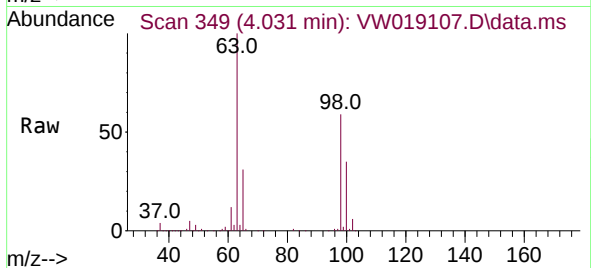
61 1429.2 118.1 219.3#

63 11539.5 83.7 155.5#

Instrument :

MSVOA_W

ClientSampled :



#13

Acetone

Concen: 22.994 ug/L

RT: 4.147 min Scan# 368

Delta R.T. -0.000 min

Lab File: VW019107.D

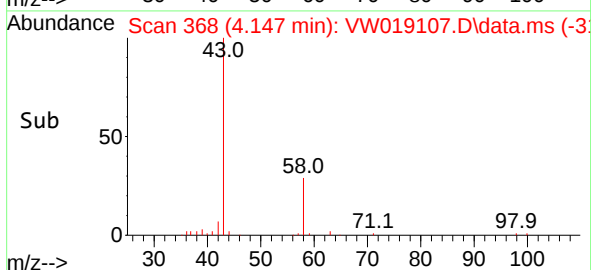
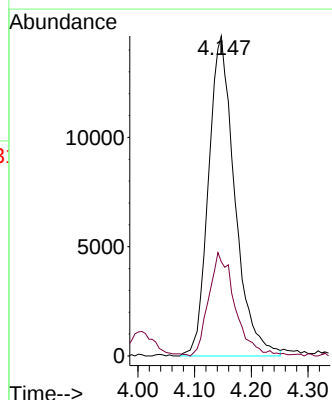
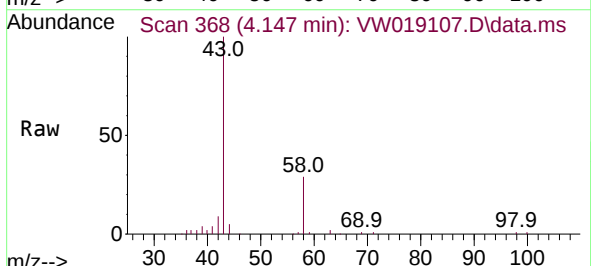
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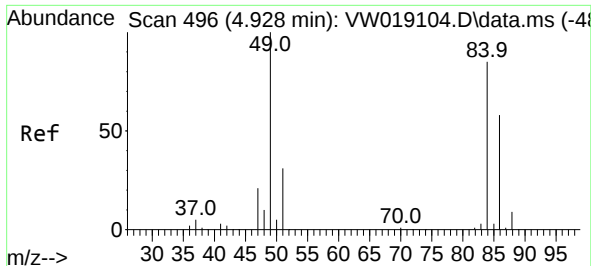
Tgt Ion: 43 Resp: 47162

Ion Ratio Lower Upper

43 100

58 19.8 0.0 53.8

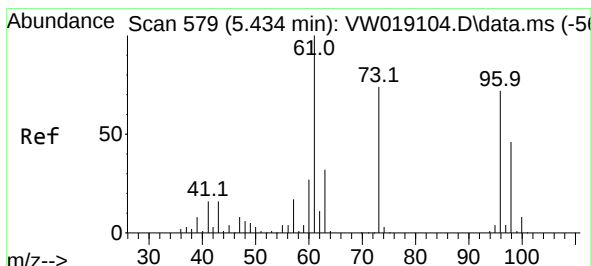
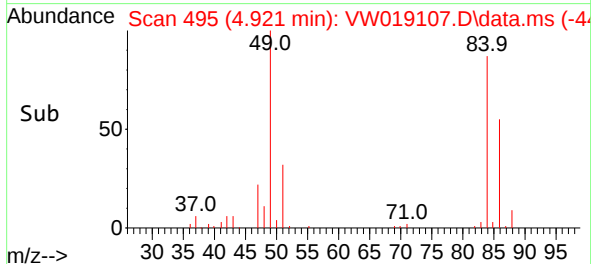
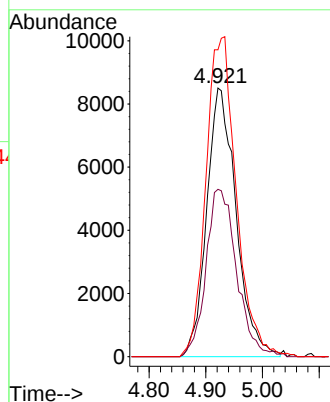
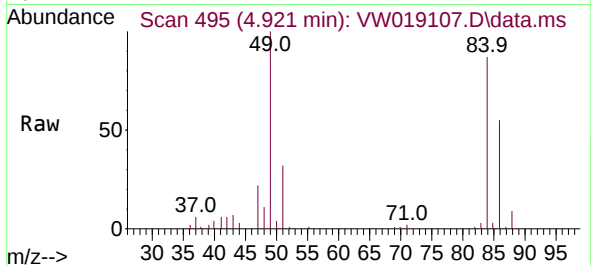




#16
Methylene chloride
Concen: 2.469 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

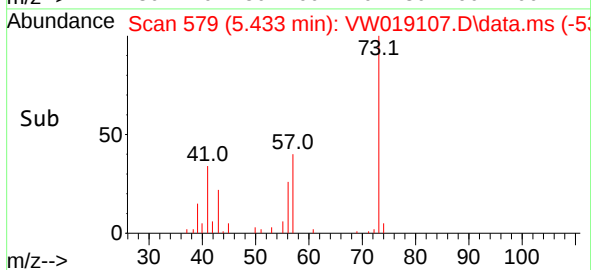
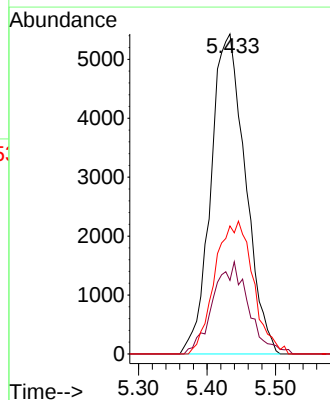
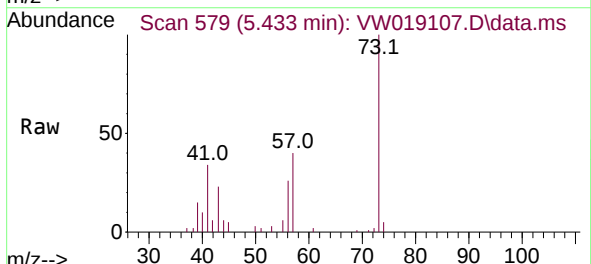
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MSVOA_W
ClientSampled :

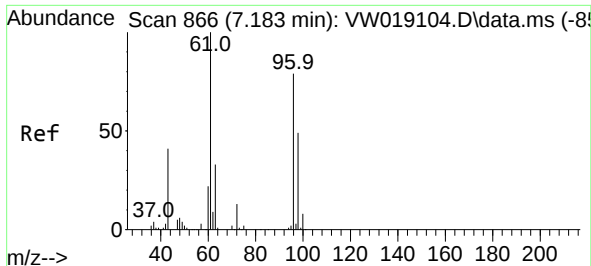
Tgt Ion: 84 Resp: 30621
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 114.3 86.6 160.8



#18
Methyl tert-butyl Ether
Concen: 1.438 ug/L
RT: 5.433 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Tgt Ion: 73 Resp: 18973
Ion Ratio Lower Upper
73 100
43 13.1 17.7 26.5#
57 0.0 17.0 25.4#

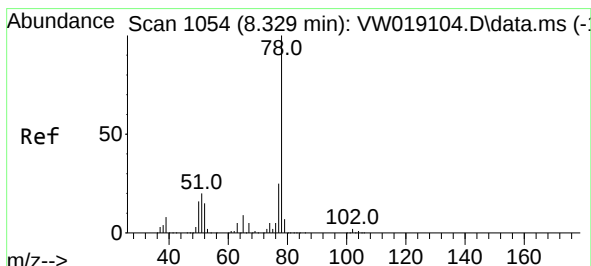
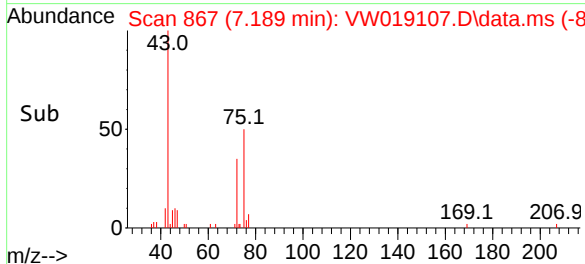
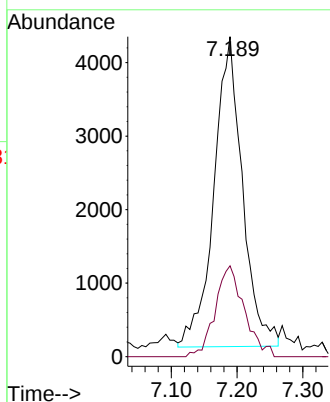
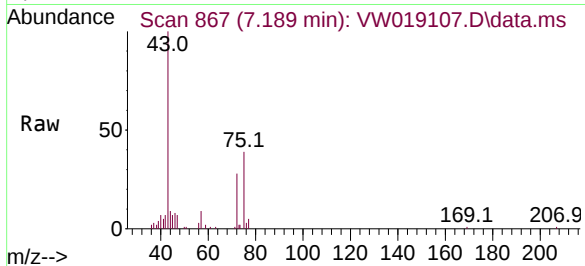




#22
2-Butanone
Concen: 4.635 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

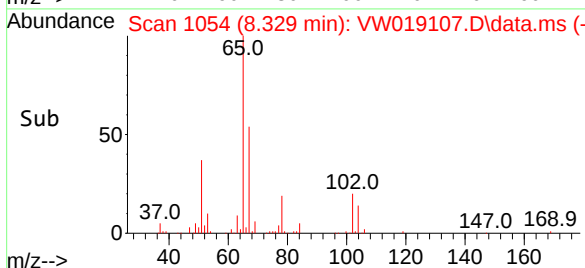
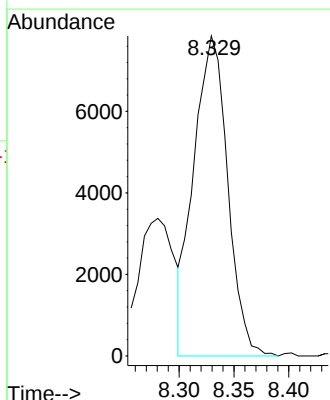
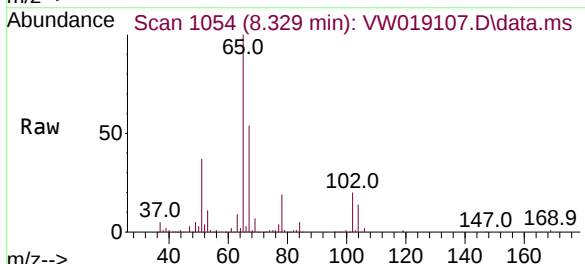
Instrument :
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ClientSampled :

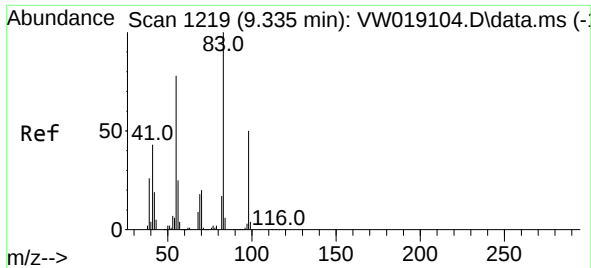
Tgt Ion: 43 Resp: 12712
Ion Ratio Lower Upper
43 100
72 29.1 14.9 44.7



#33
Benzene
Concen: 0.463 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Tgt Ion: 78 Resp: 16879

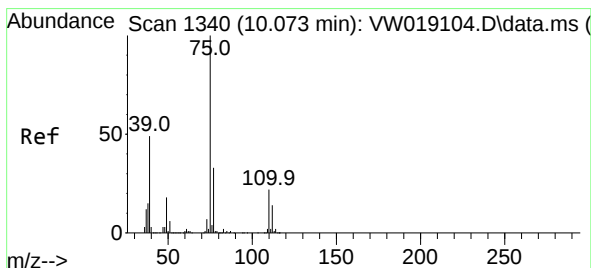
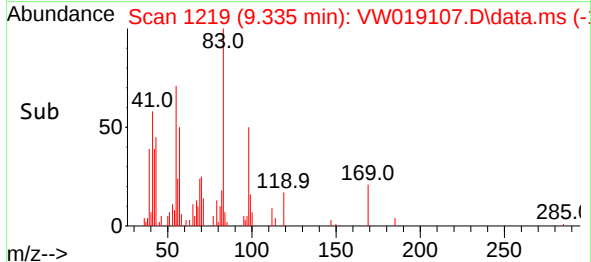
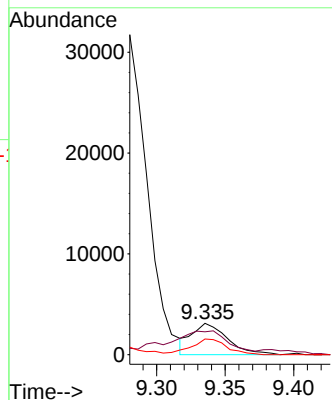
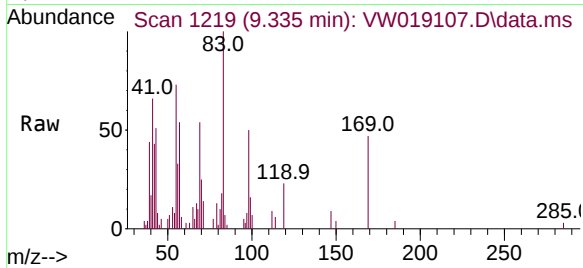




#35
Methylcyclohexane
Concen: 0.344 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

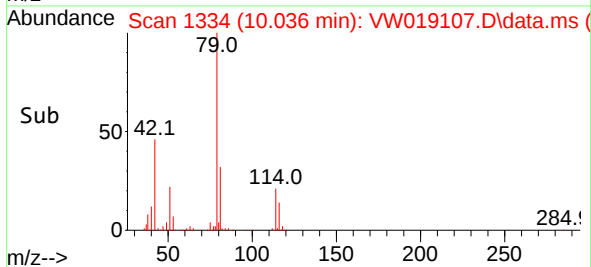
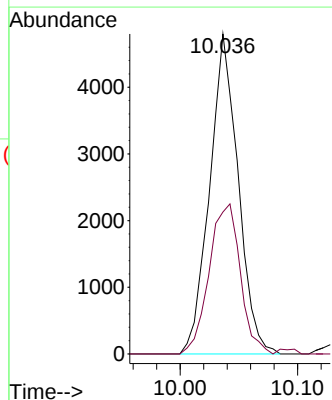
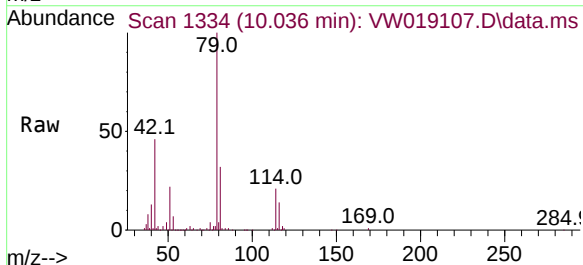
Instrument :
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ClientSampled :

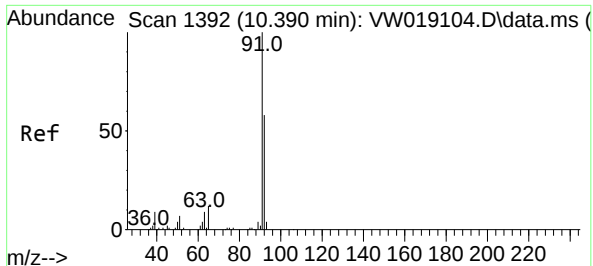
Tgt Ion:	83	Resp:	5624
Ion	Ratio	Lower	Upper
83	100		
55	99.7	58.9	88.3#
98	50.2	40.1	60.1



#39
cis-1,3-Dichloropropene
Concen: 0.583 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Tgt Ion:	75	Resp:	8092
Ion	Ratio	Lower	Upper
75	100		
77	44.4	22.6	42.0#

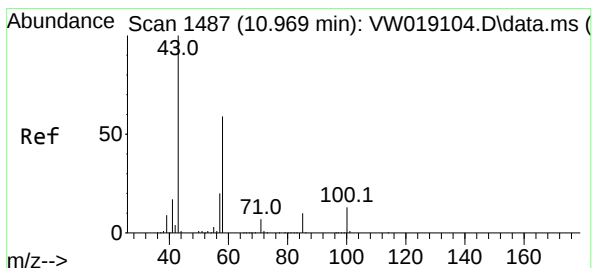
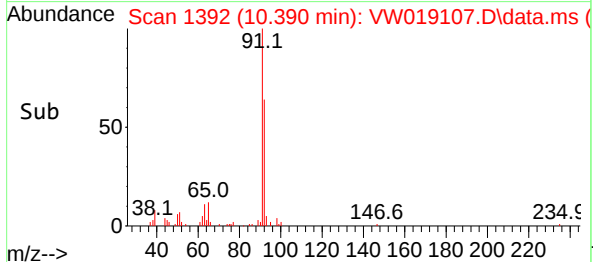
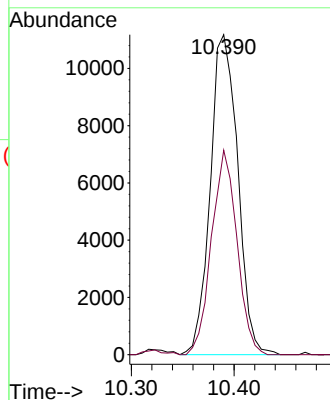
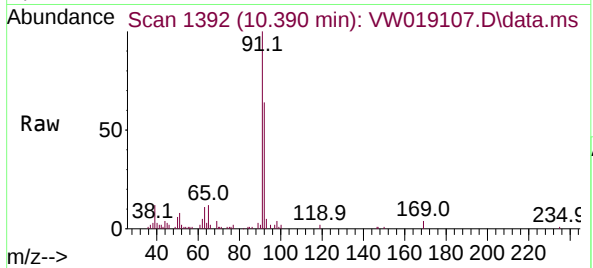




#42
Toluene
Concen: 0.529 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

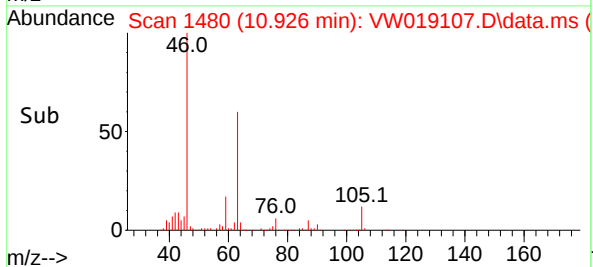
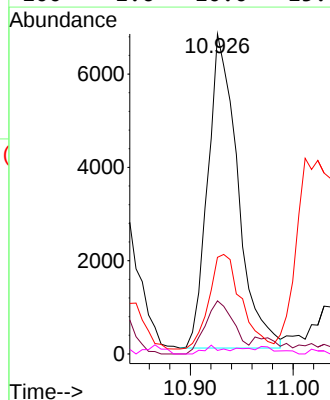
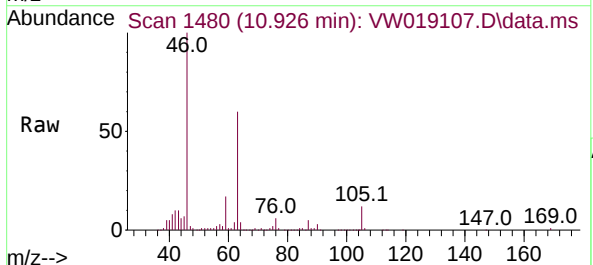
Instrument :
MSVOA_W
ClientSampled :

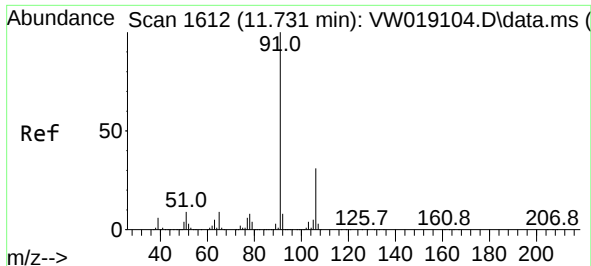
Tgt Ion: 91 Resp: 20742
Ion Ratio Lower Upper
91 100
92 63.9 39.5 73.3



#48
2-Hexanone
Concen: 3.784 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Tgt Ion: 43 Resp: 13567
Ion Ratio Lower Upper
43 100
58 16.2 42.7 64.1#
57 32.8 15.8 23.8#
100 1.6 10.0 15.0#

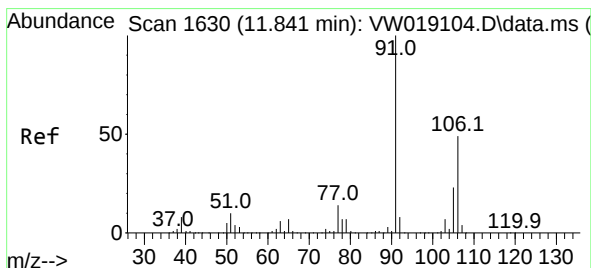
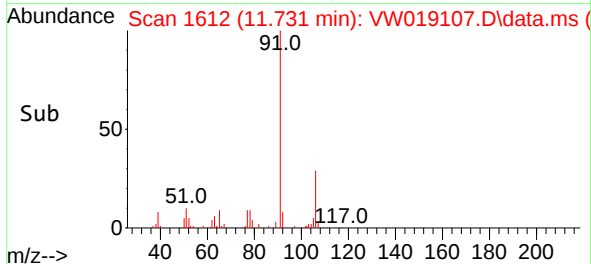
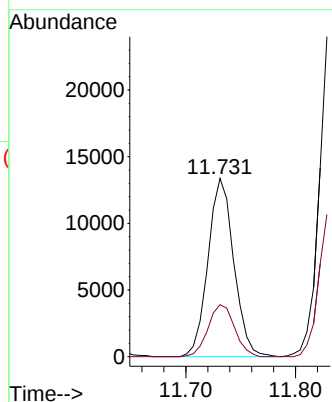
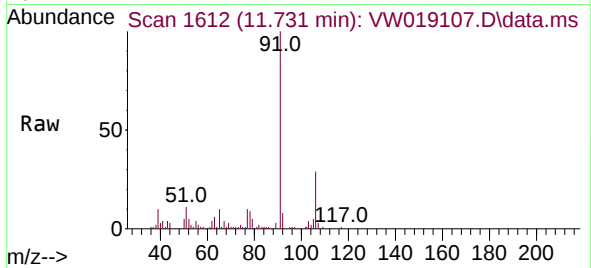




#52
Ethylbenzene
Concen: 0.507 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

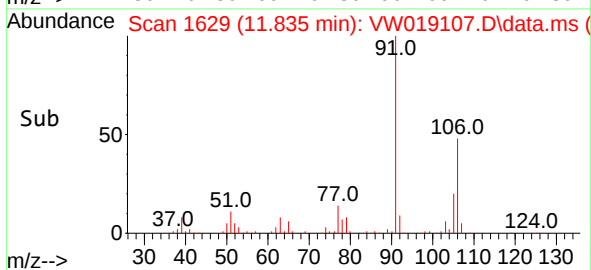
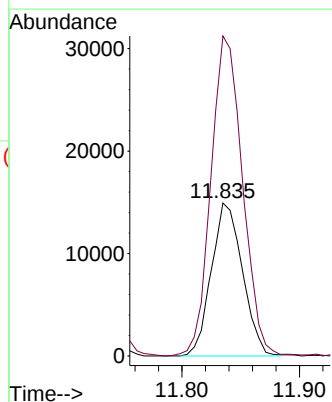
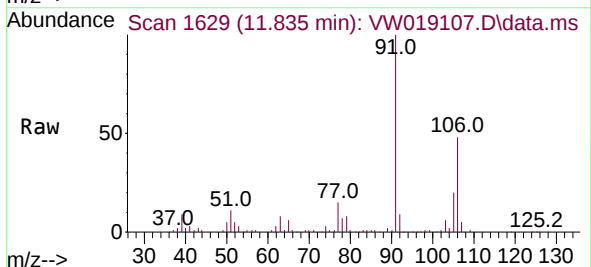
Instrument :
MSVOA_W
ClientSampled :

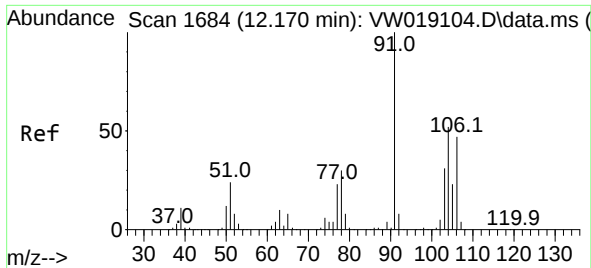
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Ion Ratio Lower Upper
91 100
106 29.2 22.5 41.7



#53
m,p-Xylene
Concen: 1.726 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Tgt Ion: 106 Resp: 27464
Ion Ratio Lower Upper
106 100
91 209.2 141.3 262.3

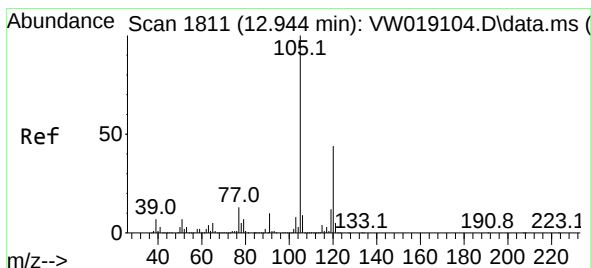
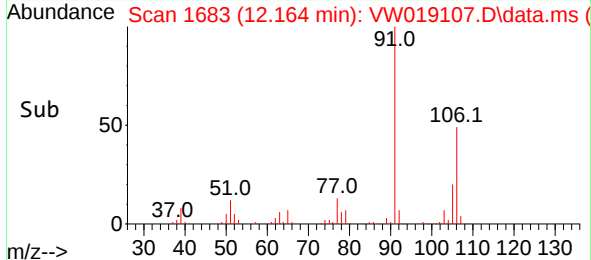
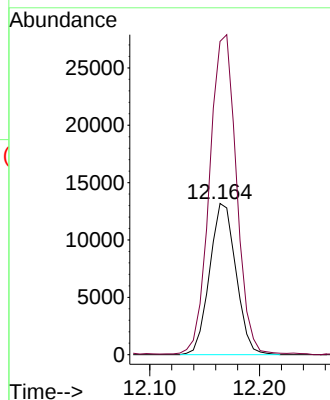
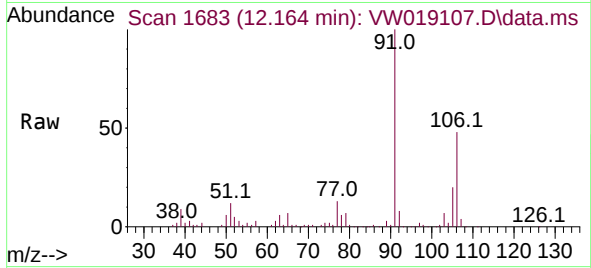




#54
o-Xylene
Concen: 1.452 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

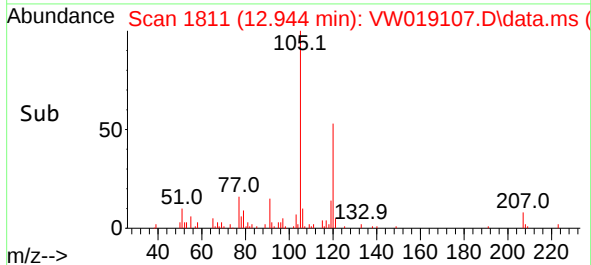
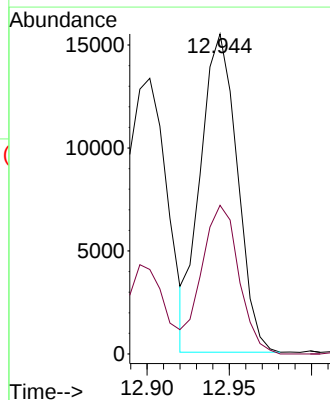
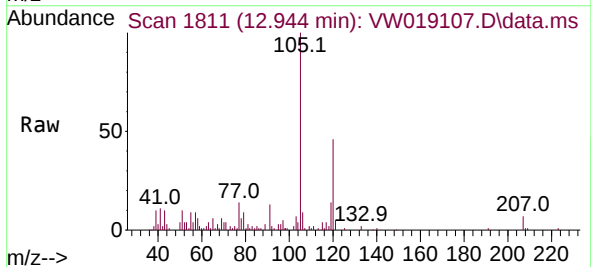
Instrument :
MSVOA_W
ClientSampled :

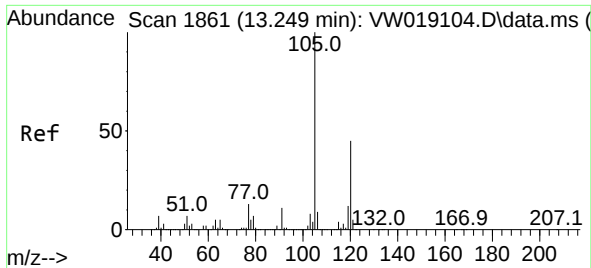
Tgt Ion:106 Resp: 22002
Ion Ratio Lower Upper
106 100
91 207.2 150.0 278.6



#62
1,3,5-Trimethylbenzene
Concen: 0.949 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Tgt Ion:105 Resp: 24106
Ion Ratio Lower Upper
105 100
120 47.0 39.0 58.6

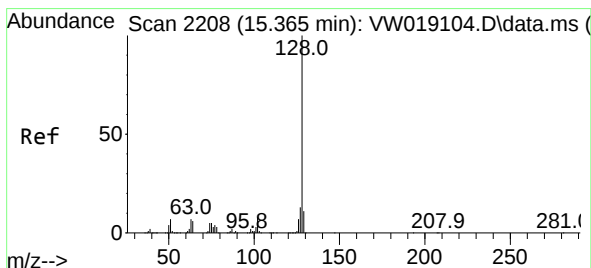
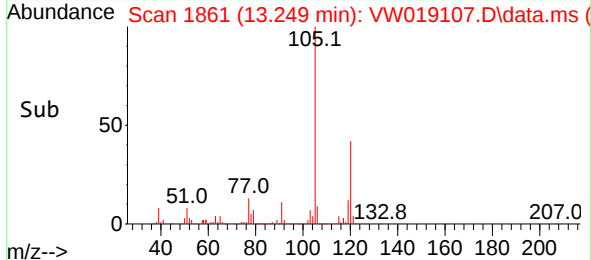
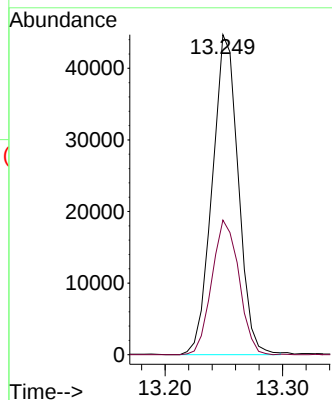
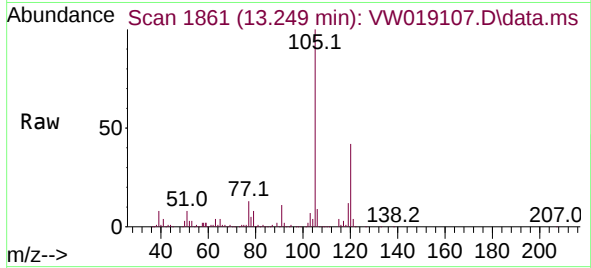




#63
1,2,4-Trimethylbenzene
Concen: 2.719 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:105 Resp: 68911
Ion Ratio Lower Upper
105 100
120 43.7 35.6 53.4



#71
Naphthalene
Concen: 1.973 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019107.D
Acq: 03 Jun 2021 15:23

Tgt Ion:128 Resp: 31472
Ion Ratio Lower Upper
128 100
127 15.4 10.6 15.8
129 11.6 9.0 13.6

