

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022076.D
 Acq On : 02 Sep 2021 15:22
 Operator : SY/MD
 Sample : M3608-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKL5

Manual Integrations
 APPROVED

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 9/7/2021 8:49:55 AM

Quant Time: Sep 03 01:00:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	344165	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	325485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	179626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101233	42.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.940%		
7) Chloroethane-d5	1.561	69	80673	43.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.680%		
11) 1,1-Dichloroethene-d2	2.105	63	136635	34.664	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.320%		
21) 2-Butanone-d5	3.876	46	158311	96.852	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.850%		
24) Chloroform-d	4.349	84	195491	44.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.960%		
26) 1,2-Dichloroethane-d4	5.034	65	121932	47.633	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.260%		
32) Benzene-d6	5.050	84	413590	46.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.700%		
36) 1,2-Dichloropropane-d6	6.072	67	130454	46.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.980%		
41) Toluene-d8	7.317	98	381246	45.748	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.500%		
43) trans-1,3-Dichloroprop...	7.625	79	57967	43.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
47) 2-Hexanone-d5	8.088	63	119511	112.187	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.190%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	178598	50.228	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.460%		
66) 1,2-Dichlorobenzene-d4	11.625	152	159821	45.259	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.520%		
Target Compounds					Qvalue	
13) Acetone	2.162	43	3228m	2.357	ug/L	
33) Benzene	5.101	78	136829	14.449	ug/L	100
42) Toluene	7.390	91	489793	47.922	ug/L	100
52) Ethylbenzene	9.014	91	1710354	154.588	ug/L	99
53) m,p-Xylene	9.140	106	537958	125.096	ug/L	99
54) o-Xylene	9.545	106	304312	71.519	ug/L	97
55) Styrene	9.561	104	59838	8.240	ug/L #	62
60) Isopropylbenzene	9.934	105	36841	3.264	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	194177	20.492	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	592688	61.537	ug/L	100

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

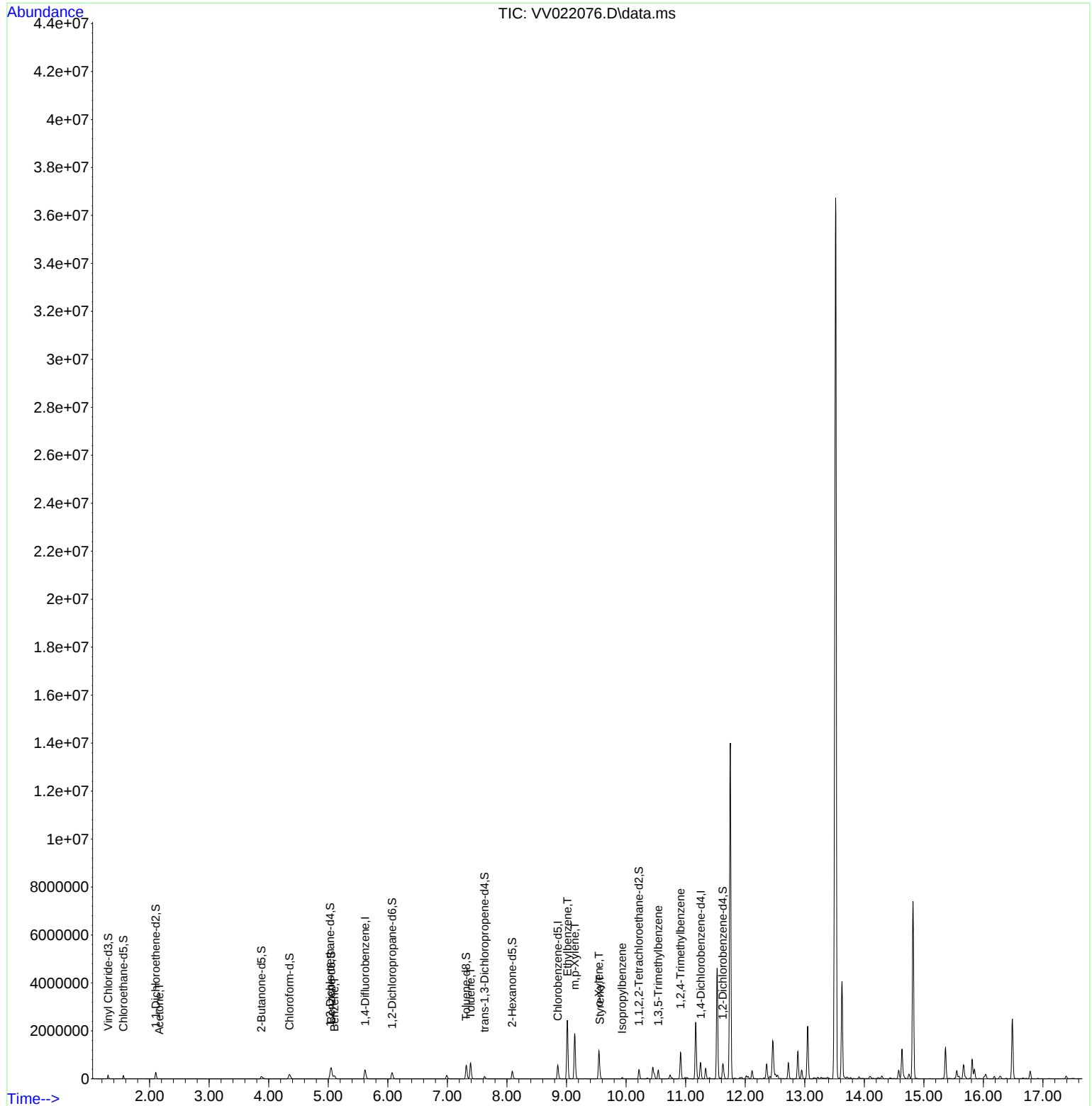
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
Data File : VV022076.D
Acq On : 02 Sep 2021 15:22
Operator : SY/MD
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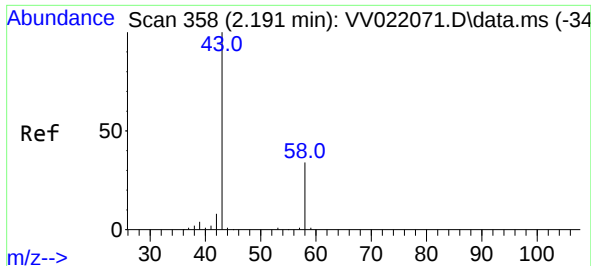
Instrument :
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ClientSampleId :
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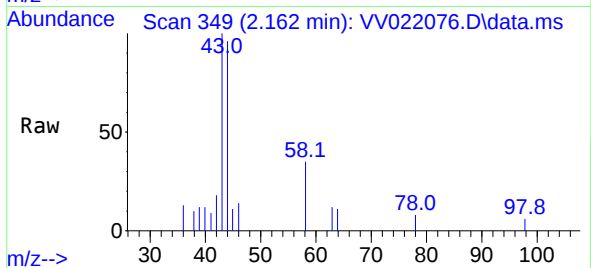
Quant Time: Sep 03 01:00:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 03 00:59:14 2021
Response via : Initial Calibration





#13
Acetone
Concen: 2.357 ug/L m
RT: 2.162 min Scan# 349
Delta R.T. -0.029 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

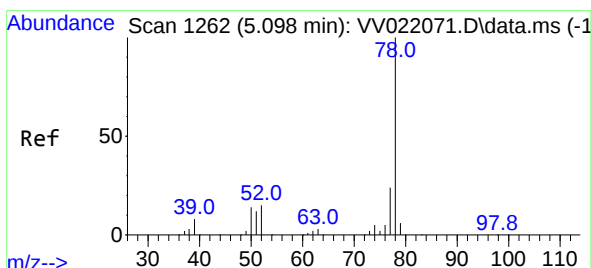
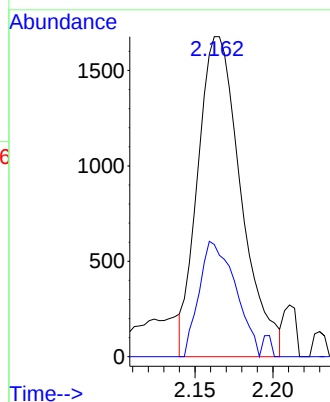
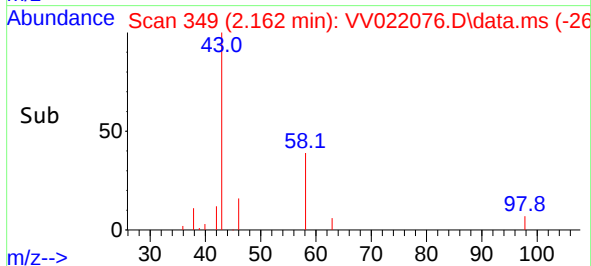
Instrument :
MSVOA_V
ClientSampleId :
DBKL5



Tgt Ion: 43 Resp: 3228
Ion Ratio Lower Upper
43 100
58 1.3 0.0 0.4#

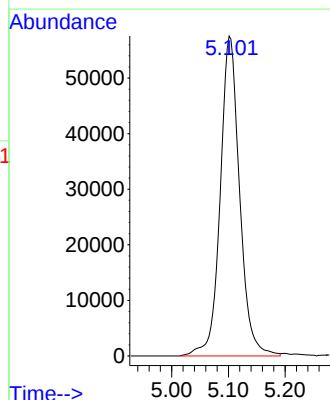
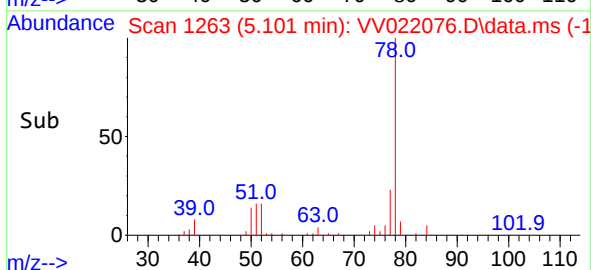
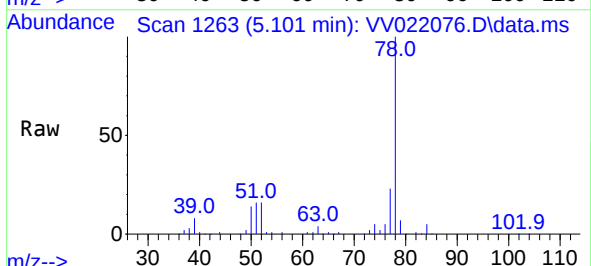
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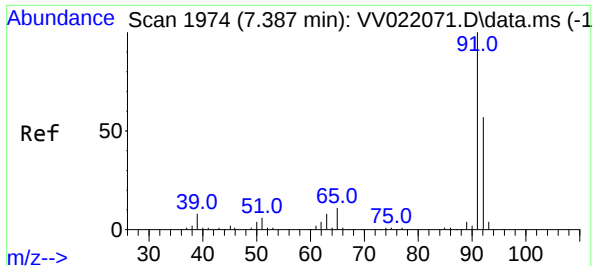
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#33
Benzene
Concen: 14.449 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

Tgt Ion: 78 Resp: 136829





#42

Toluene

Concen: 47.922 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV022076.D

Acq: 02 Sep 2021 15:22

Tgt Ion: 91 Resp: 489793

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.8

Instrument :

MSVOA_V

ClientSampleId :

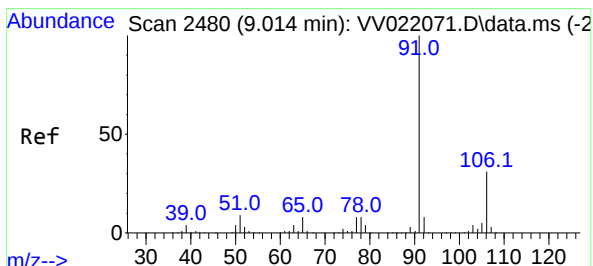
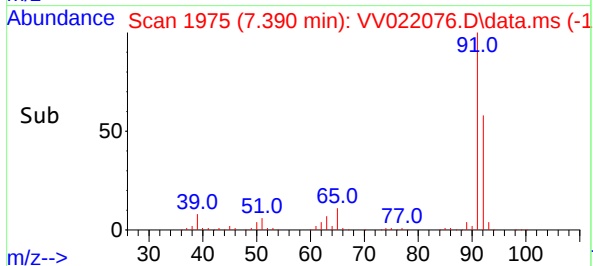
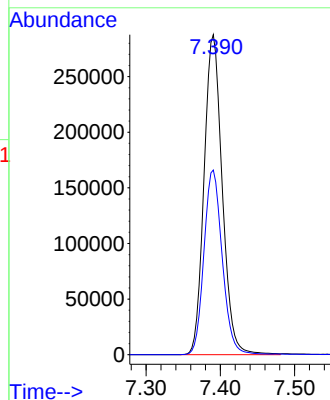
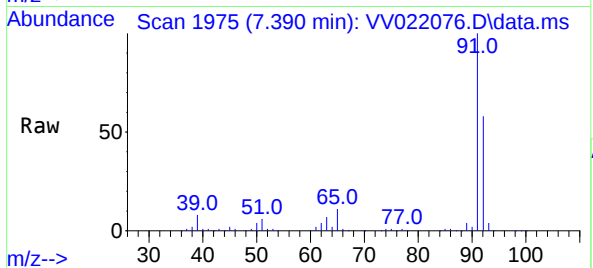
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#52

Ethylbenzene

Concen: 154.588 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV022076.D

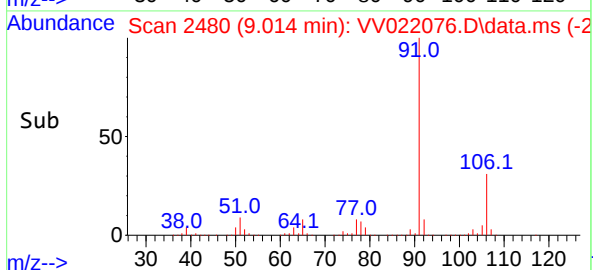
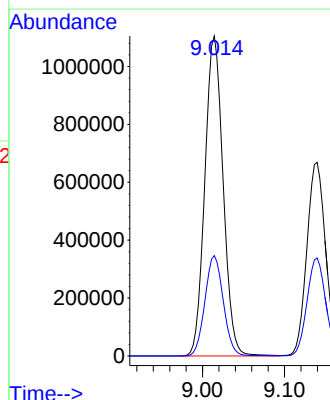
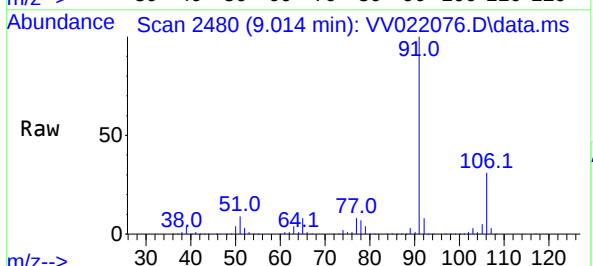
Acq: 02 Sep 2021 15:22

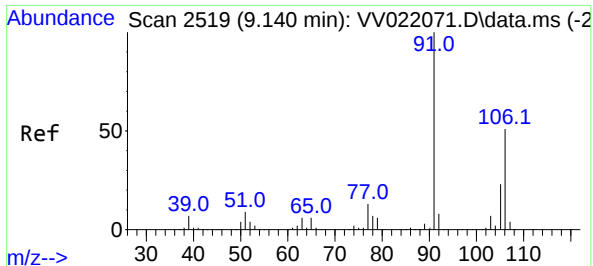
Tgt Ion: 91 Resp: 1710354

Ion Ratio Lower Upper

91 100

106 31.4 21.7 40.3





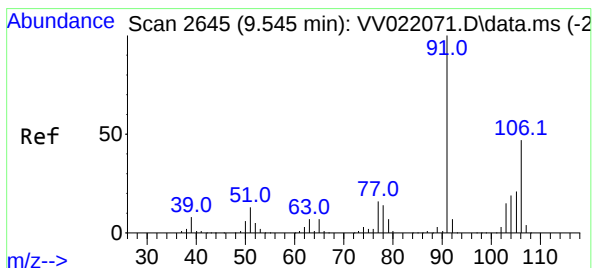
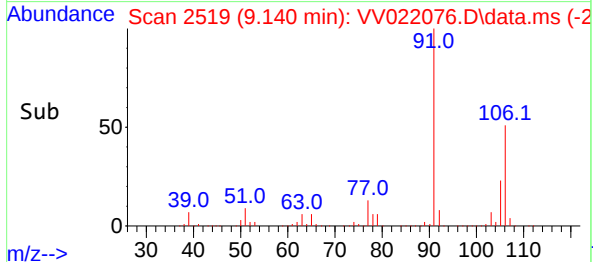
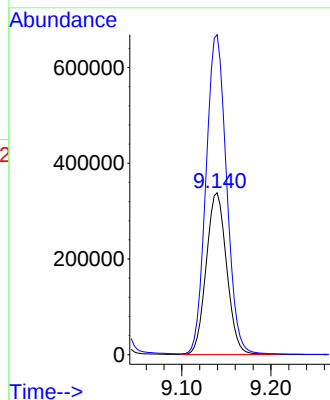
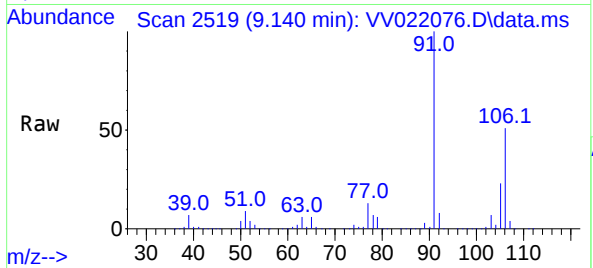
#53
m,p-Xylene
Concen: 125.096 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

Tgt Ion:106 Resp: 537958
Ion Ratio Lower Upper
106 100
91 197.6 139.1 258.3

Instrument :
MSVOA_V
ClientSampleId :
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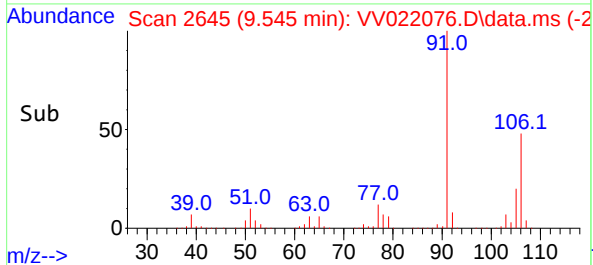
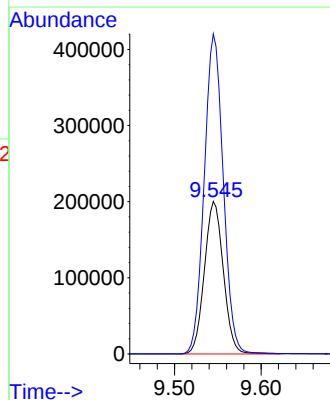
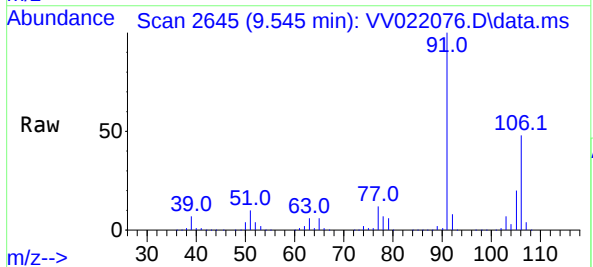
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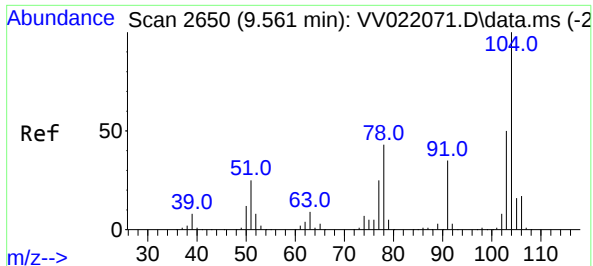
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#54
o-Xylene
Concen: 71.519 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

Tgt Ion:106 Resp: 304312
Ion Ratio Lower Upper
106 100
91 209.9 150.1 278.9





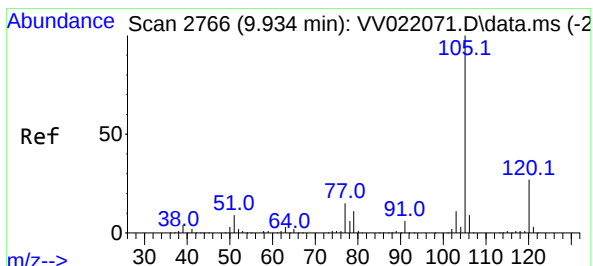
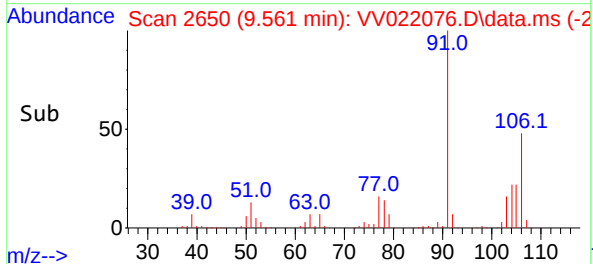
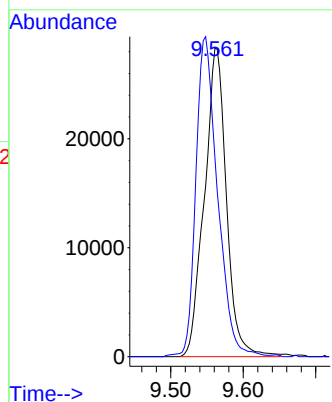
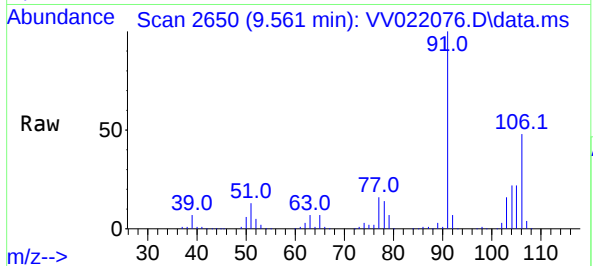
#55
Styrene
Concen: 8.240 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:104 Resp: 59838
Ion Ratio Lower Upper
104 100
78 64.6 28.6 53.2#

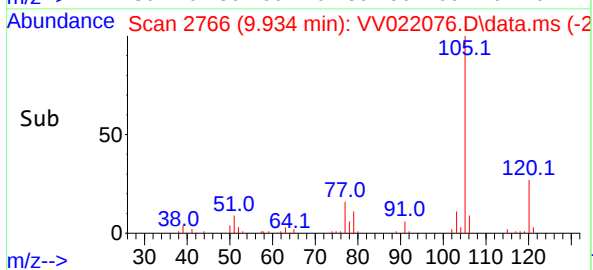
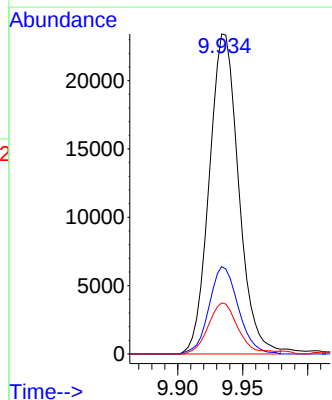
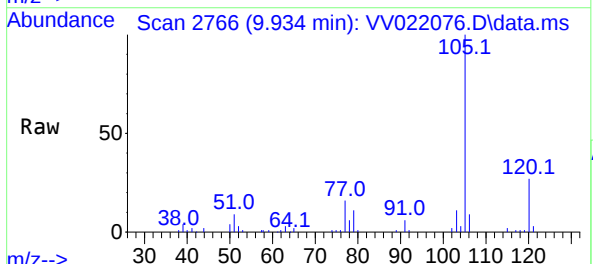
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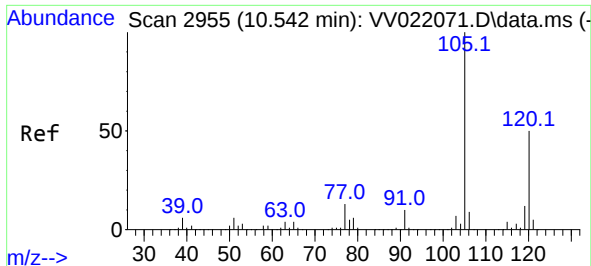
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#60
Isopropylbenzene
Concen: 3.264 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

Tgt Ion:105 Resp: 36841
Ion Ratio Lower Upper
105 100
120 27.1 21.5 32.3
77 15.8 11.8 17.6





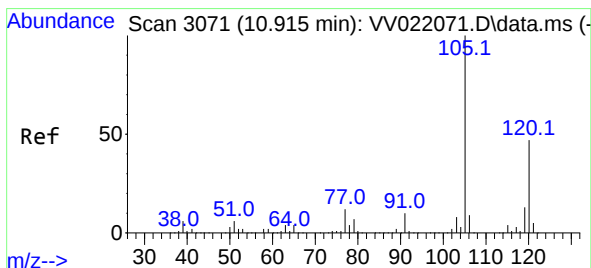
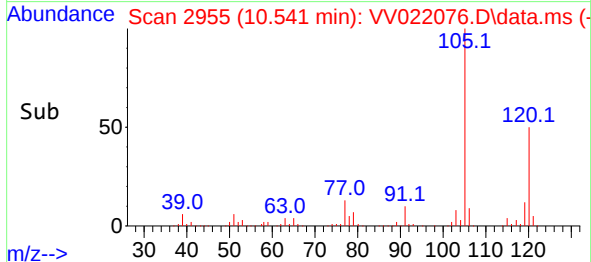
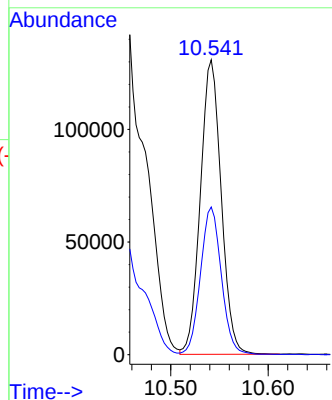
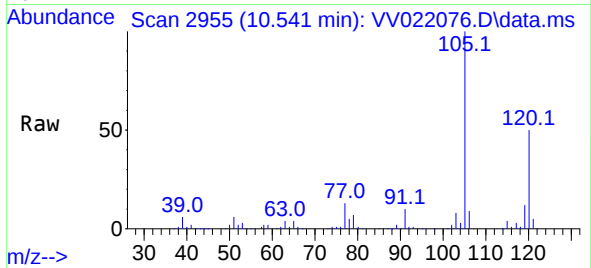
#62
1,3,5-Trimethylbenzene
Concen: 20.492 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

Instrument :
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Tgt Ion:105 Resp: 194177
Ion Ratio Lower Upper
105 100
120 50.1 39.6 59.4

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#63
1,2,4-Trimethylbenzene
Concen: 61.537 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022076.D
Acq: 02 Sep 2021 15:22

Tgt Ion:105 Resp: 592688
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.0

