

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090121\
 Data File : VV022061.D
 Acq On : 01 Sep 2021 12:47
 Operator : SY/MD
 Sample : M3608-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKJ9

Manual Integrations
 APPROVED

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 9/2/2021 3:05:29 PM

Quant Time: Sep 02 05:37:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 02 05:24:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	313403	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	304125	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	168483	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129201	59.530	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 119.060%			
7) Chloroethane-d5	1.564	69	100694	59.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.820%			
11) 1,1-Dichloroethene-d2	2.105	63	167333	46.619	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.240%			
21) 2-Butanone-d5	3.876	46	172300	115.757	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.760%			
24) Chloroform-d	4.352	84	225057	56.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.740%			
26) 1,2-Dichloroethane-d4	5.034	65	138102	59.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.500%			
32) Benzene-d6	5.053	84	477735	57.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.820%			
36) 1,2-Dichloropropane-d6	6.072	67	148148	57.108	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.220%			
41) Toluene-d8	7.317	98	443669	56.977	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.960%			
43) trans-1,3-Dichloroprop...	7.625	79	65601	53.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.260%			
47) 2-Hexanone-d5	8.088	63	124746	125.326	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.330%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	201624	60.686	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 121.380%#			
66) 1,2-Dichlorobenzene-d4	11.625	152	189320	57.159	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.320%			
Target Compounds						Qvalue
13) Acetone	2.162	43	2962	2.375	ug/L	# 77
25) Chloroform	4.371	83	3973m	0.964	ug/L	
33) Benzene	5.108	78	19124	2.161	ug/L	100
42) Toluene	7.397	91	23869	2.499	ug/L	97
52) Ethylbenzene	9.017	91	63340	6.127	ug/L	98
53) m,p-Xylene	9.143	106	19173	4.772	ug/L	94
54) o-Xylene	9.545	106	58698	14.764	ug/L	100
60) Isopropylbenzene	9.934	105	17886	1.689	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	7391m	0.832	ug/L	
63) 1,2,4-Trimethylbenzene	10.918	105	69741	7.720	ug/L	100

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

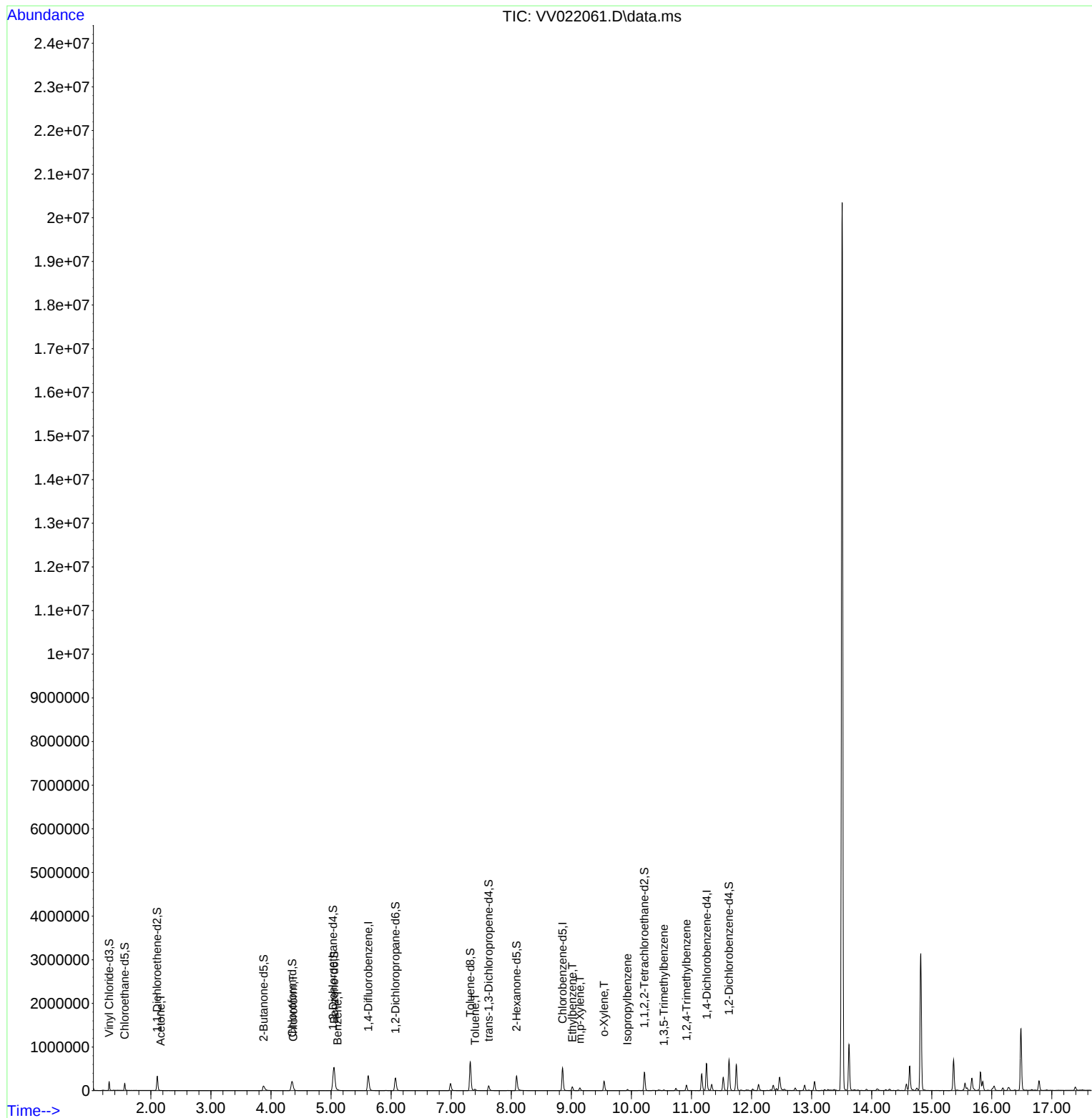
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Data File : VV022061.D
Acq On : 01 Sep 2021 12:47
Operator : SY/MD
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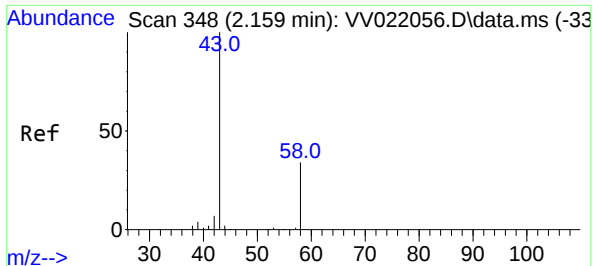
Instrument :
MSVOA_V
ClientSampleId :
DBKJ9

Manual Integrations
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Quant Time: Sep 02 05:37:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 02 05:24:11 2021
Response via : Initial Calibration





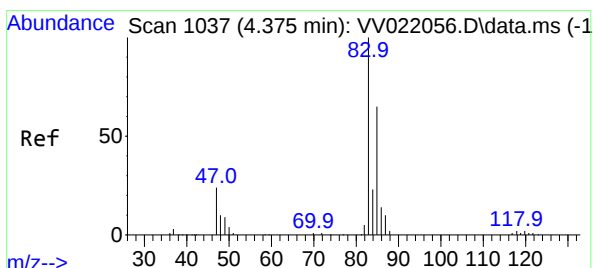
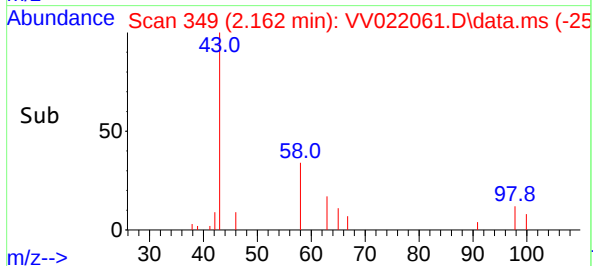
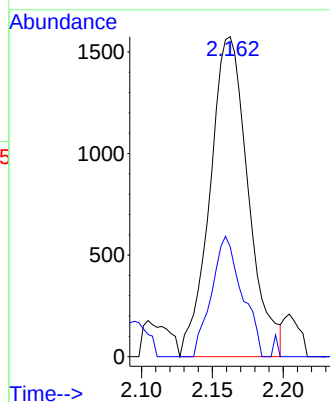
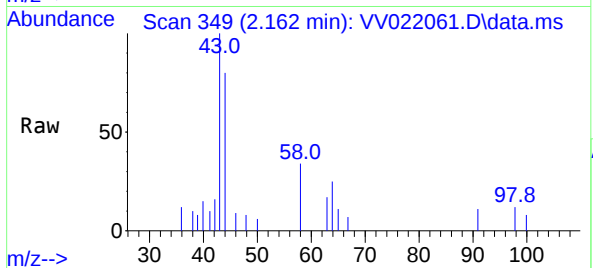
#13
Acetone
Concen: 2.375 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Instrument :
MSVOA_V
ClientSampled :
DBKJ9

Tgt Ion: 43 Resp: 2962
Ion Ratio Lower Upper
43 100
58 29.9 0.0 0.4#

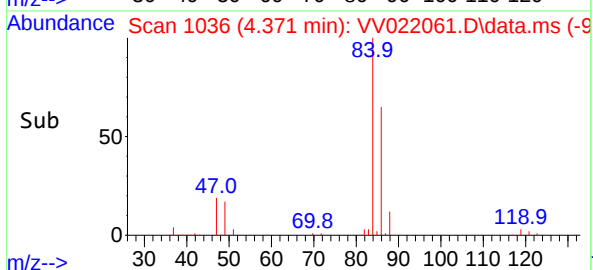
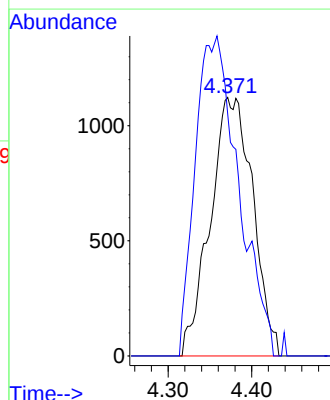
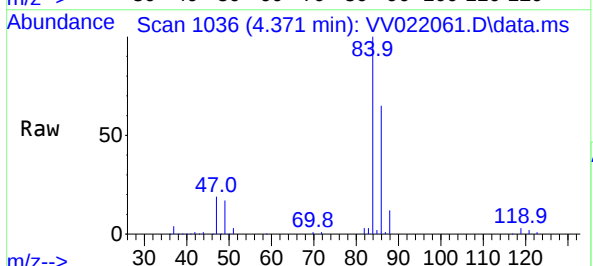
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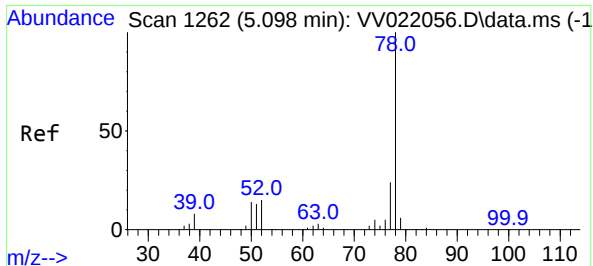
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#25
Chloroform
Concen: 0.964 ug/L m
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion: 83 Resp: 3973
Ion Ratio Lower Upper
83 100
85 93.5 46.3 85.9#





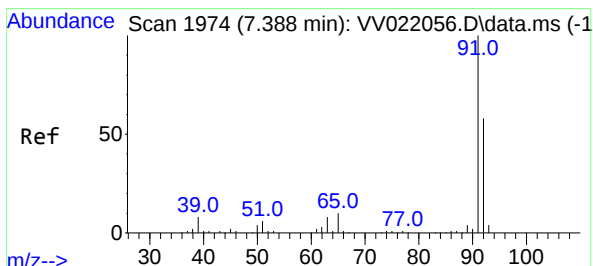
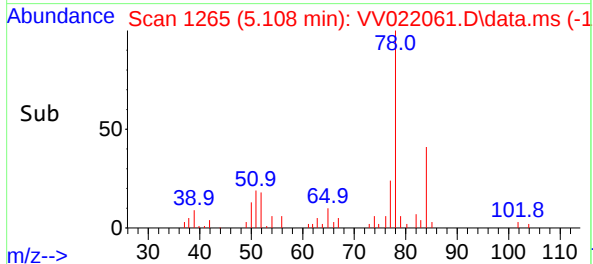
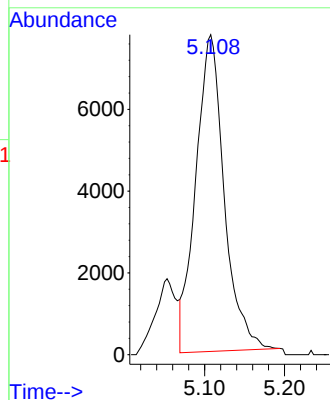
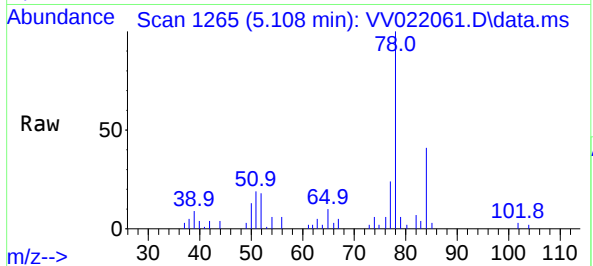
#33
Benzene
Concen: 2.161 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.009 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion: 78 Resp: 19124

Instrument :
MSVOA_V
ClientSampleId :
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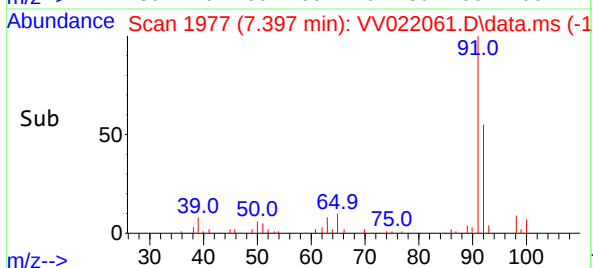
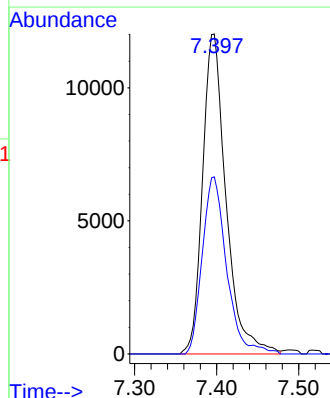
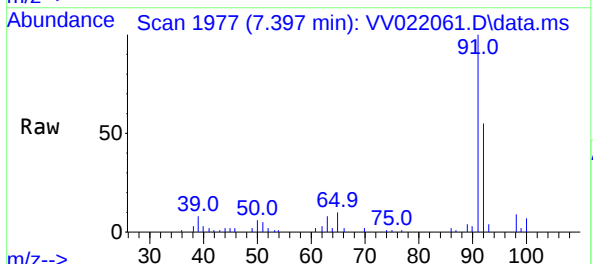
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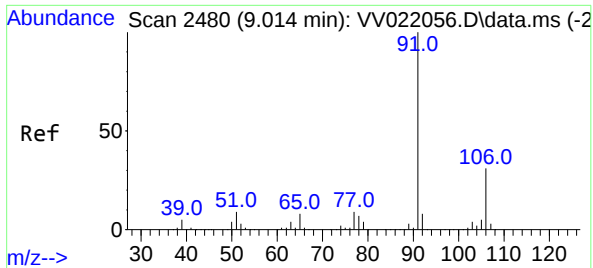
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#42
Toluene
Concen: 2.499 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.009 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion: 91 Resp: 23869
Ion Ratio Lower Upper
91 100
92 55.4 40.3 74.8





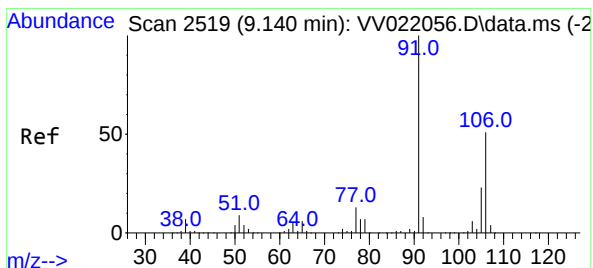
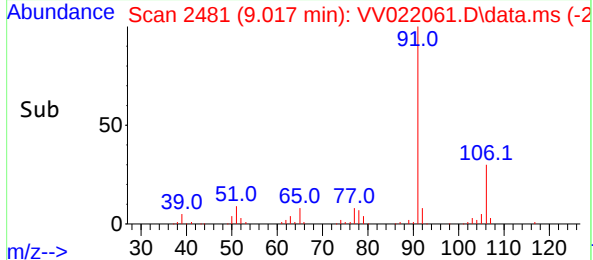
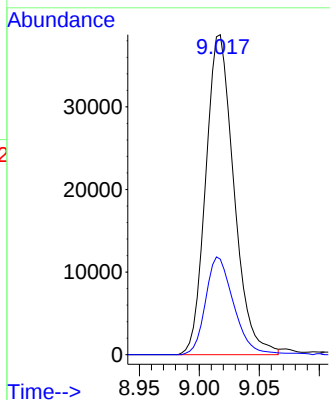
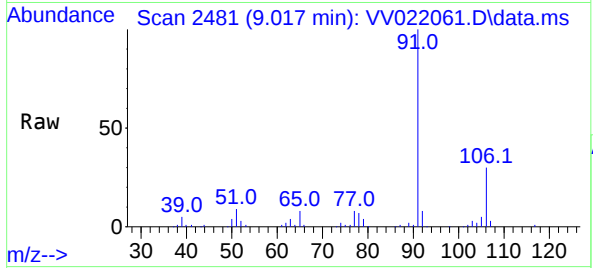
#52
Ethylbenzene
Concen: 6.127 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Instrument :
MSVOA_V
ClientSampled :
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Tgt Ion: 91 Resp: 63340
Ion Ratio Lower Upper
91 100
106 29.9 21.7 40.3

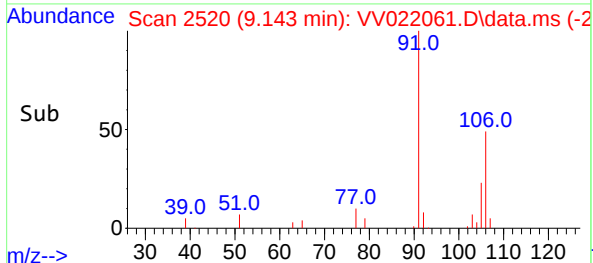
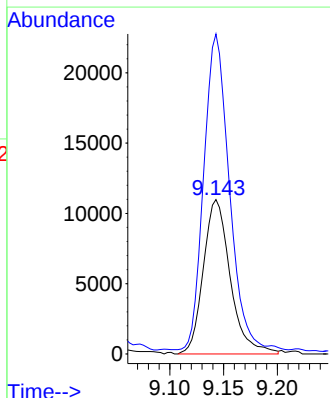
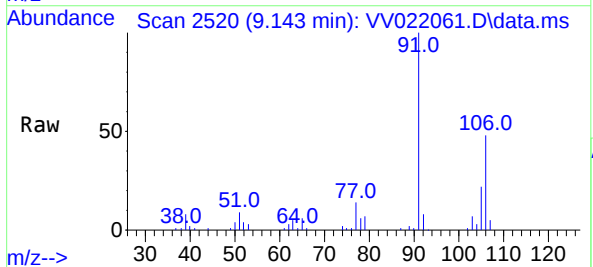
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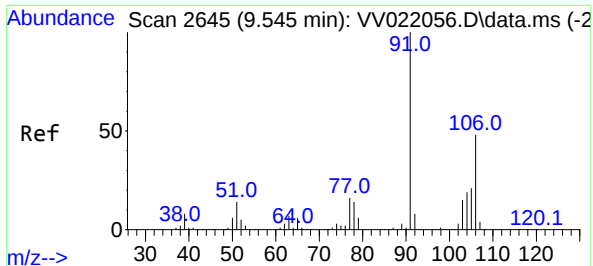
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#53
m,p-Xylene
Concen: 4.772 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion: 106 Resp: 19173
Ion Ratio Lower Upper
106 100
91 207.2 139.1 258.3





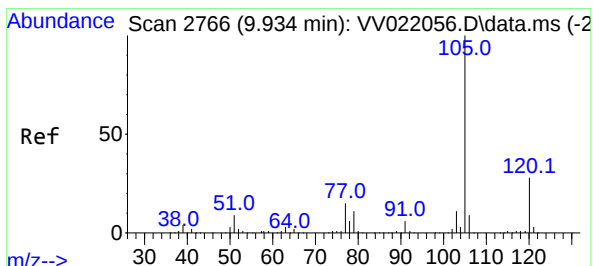
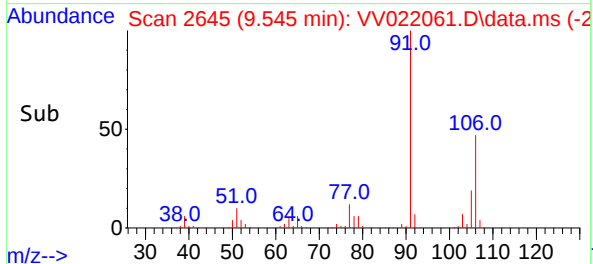
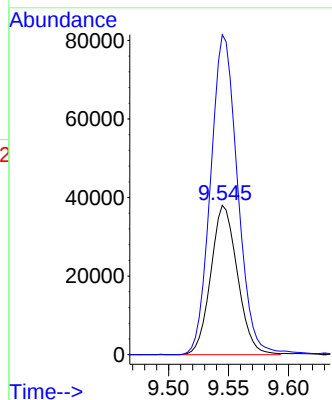
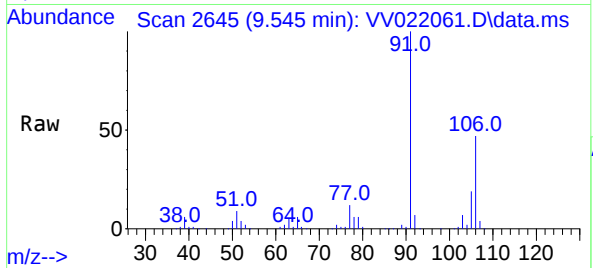
#54
o-Xylene
Concen: 14.764 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Instrument :
MSVOA_V
ClientSampled :
DBKJ9

Tgt Ion:106 Resp: 58698
Ion Ratio Lower Upper
106 100
91 214.2 150.1 278.9

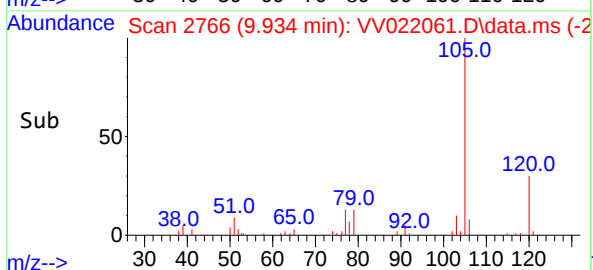
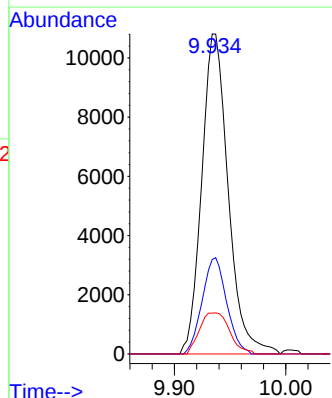
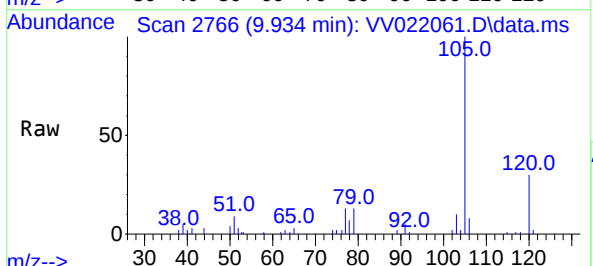
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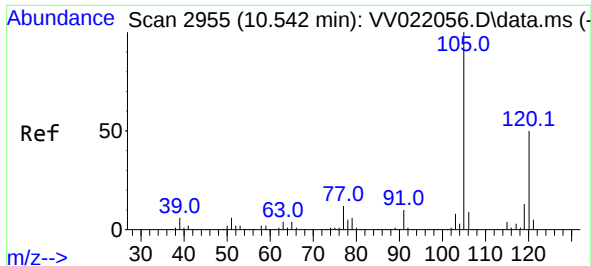
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#60
Isopropylbenzene
Concen: 1.689 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion:105 Resp: 17886
Ion Ratio Lower Upper
105 100
120 27.8 21.5 32.3
77 14.6 11.8 17.6





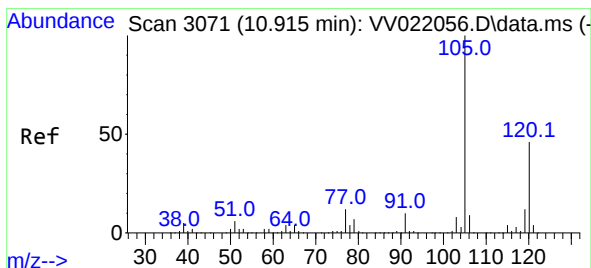
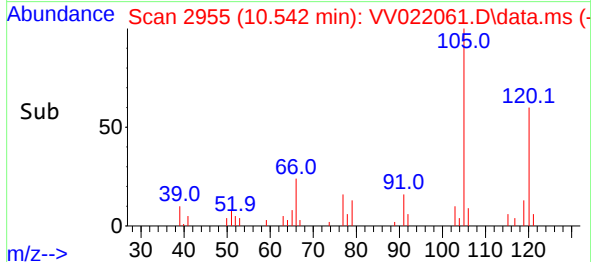
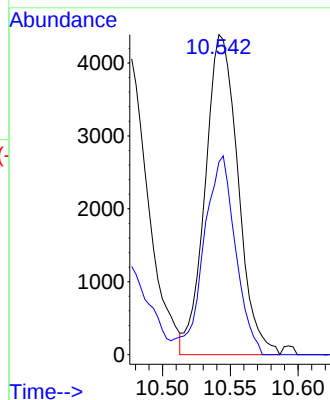
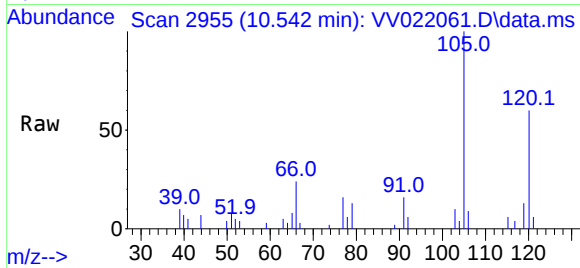
#62
1,3,5-Trimethylbenzene
Concen: 0.832 ug/L m
RT: 10.542 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion:105 Resp: 7391
Ion Ratio Lower Upper
105 100
120 438.2 39.6 59.4#

Instrument :
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Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 7.720 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022061.D
Acq: 01 Sep 2021 12:47

Tgt Ion:105 Resp: 69741
Ion Ratio Lower Upper
105 100
120 46.4 37.4 56.0

