

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021828.D
 Acq On : 17 Aug 2021 20:59
 Operator : SY/MD
 Sample : M3399-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKB3

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 9:51:55 AM

Quant Time: Aug 18 03:36:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	437226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	410752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	207558	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123412	36.106	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.220%		
7) Chloroethane-d5	1.561	69	102815	39.860	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.720%		
11) 1,1-Dichloroethene-d2	2.104	63	143705	26.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.820%#		
21) 2-Butanone-d5	3.873	46	219314	103.166	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.170%		
24) Chloroform-d	4.349	84	257899	43.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	5.034	65	159739	46.894	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.780%		
32) Benzene-d6	5.050	84	510112	43.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.380%		
36) 1,2-Dichloropropane-d6	6.072	67	169917	46.194	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.380%		
41) Toluene-d8	7.320	98	448322	41.065	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.120%		
43) trans-1,3-Dichloroprop...	7.625	79	74368	41.081	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.160%		
47) 2-Hexanone-d5	8.088	63	126757	105.143	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.140%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	232503	51.007	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.020%		
66) 1,2-Dichlorobenzene-d4	11.625	152	207776	48.371	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.740%		
Target Compounds					Qvalue	
13) Acetone	2.162	43	4832	2.762	ug/L #	100
18) Methyl tert-butyl Ether	2.767	73	9897	1.061	ug/L #	96
33) Benzene	5.108	78	18707m	1.480	ug/L	
42) Toluene	7.397	91	19660	1.456	ug/L	98
52) Ethylbenzene	9.017	91	100509	6.979	ug/L	99
53) m,p-Xylene	9.146	106	11670	2.091	ug/L	100
54) o-Xylene	9.551	106	4699	0.849	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	14642	1.233	ug/L	99

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

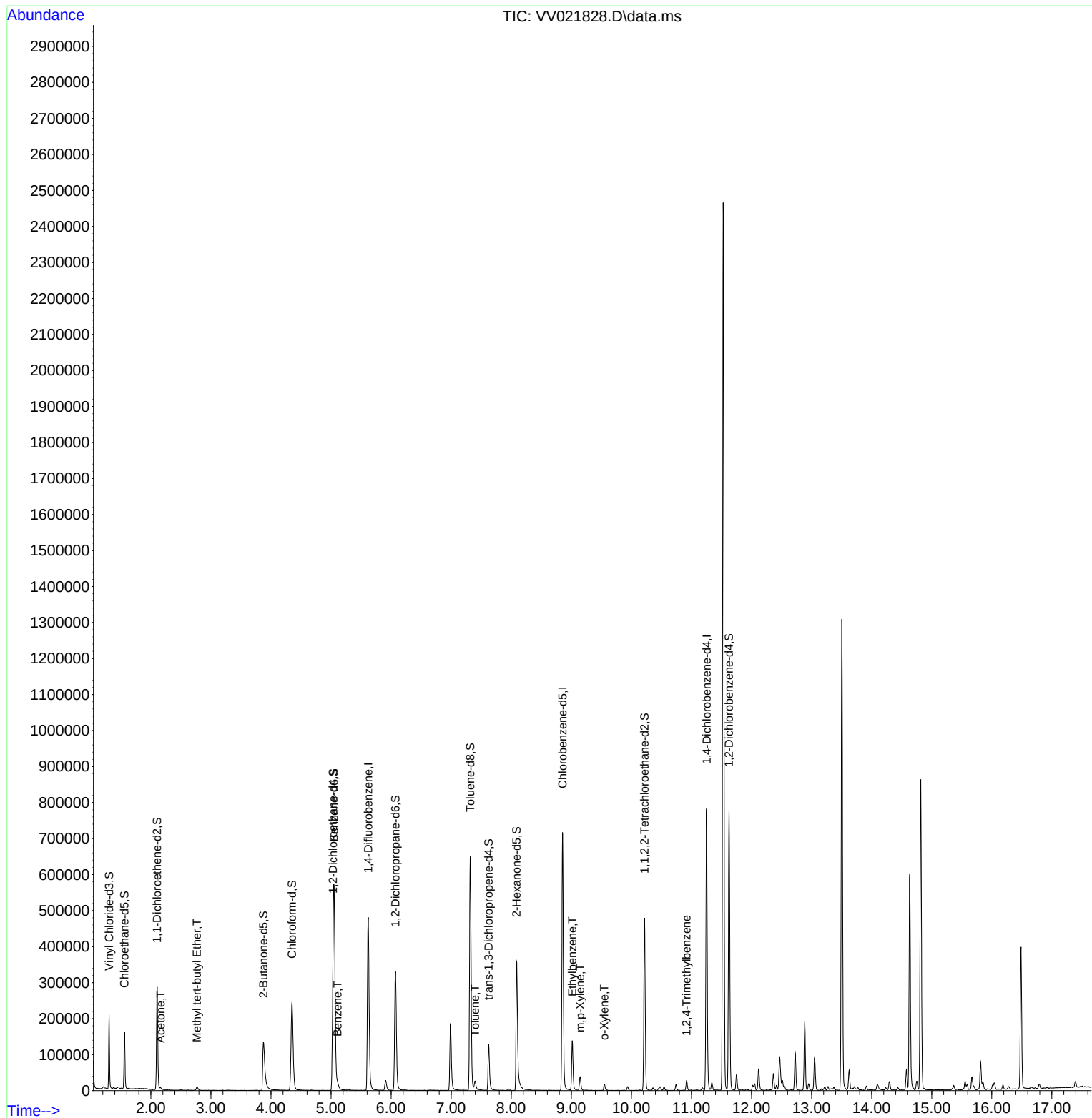
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Data File : VV021828.D
Acq On : 17 Aug 2021 20:59
Operator : SY/MD
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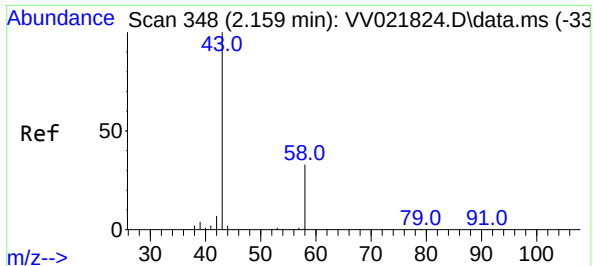
Instrument :
MSVOA_V
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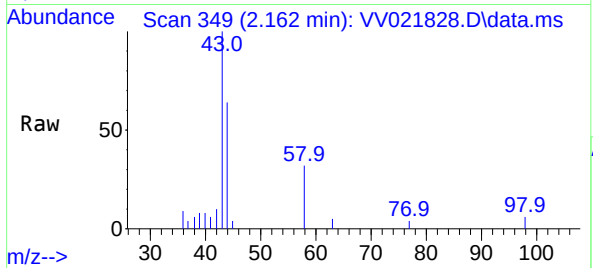
Quant Time: Aug 18 03:36:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 18 03:33:12 2021
Response via : Initial Calibration





#13
Acetone
Concen: 2.762 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

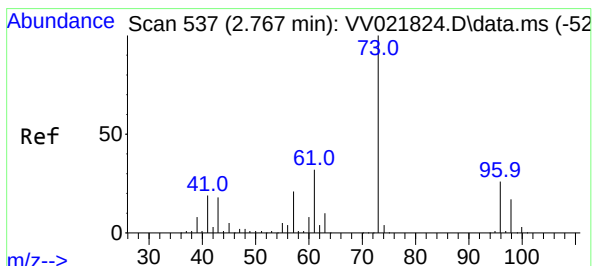
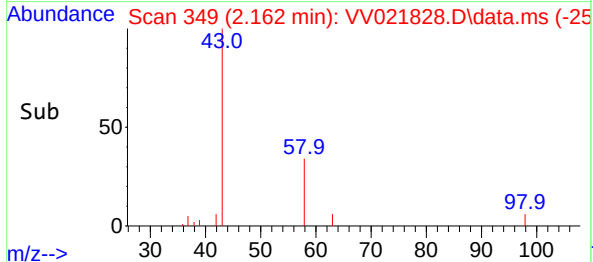
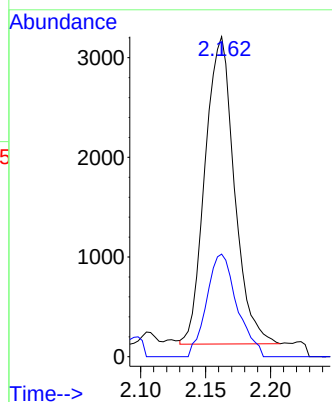
Instrument :
MSVOA_V
ClientSampleId :
DBKB3



Tgt Ion: 43 Resp: 4832
Ion Ratio Lower Upper
43 100
58 34.5 0.0 0.0#

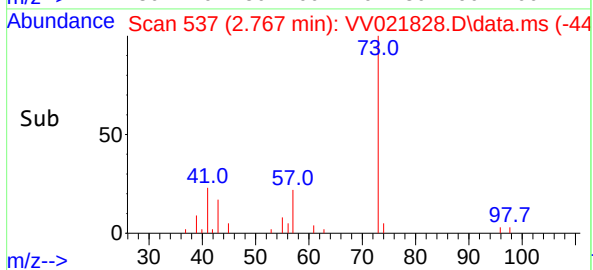
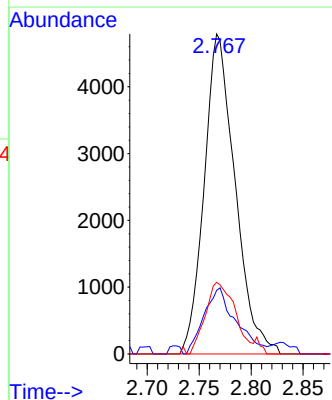
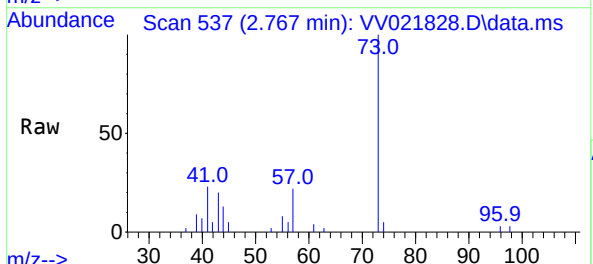
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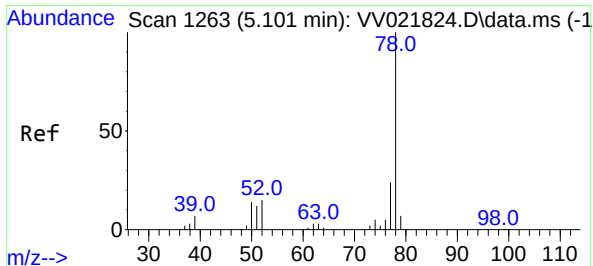
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#18
Methyl tert-butyl Ether
Concen: 1.061 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

Tgt Ion: 73 Resp: 9897
Ion Ratio Lower Upper
73 100
43 21.6 14.2 21.4#
57 21.6 17.7 26.5





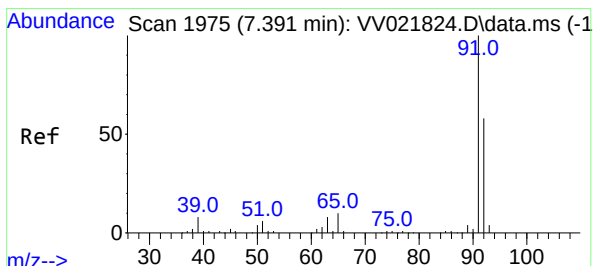
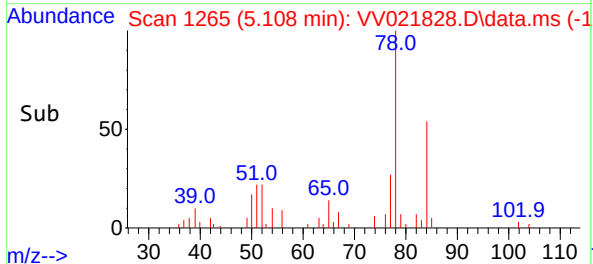
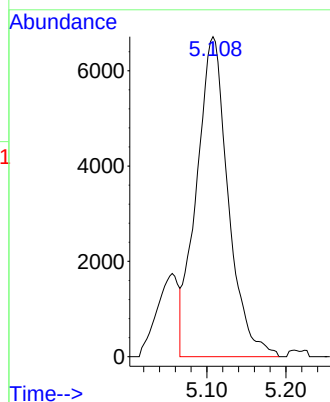
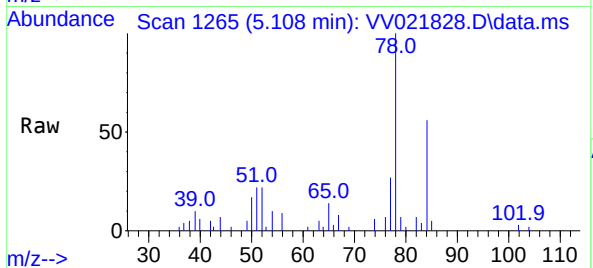
#33
Benzene
Concen: 1.480 ug/L m
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

Tgt Ion: 78 Resp: 18707

Instrument :
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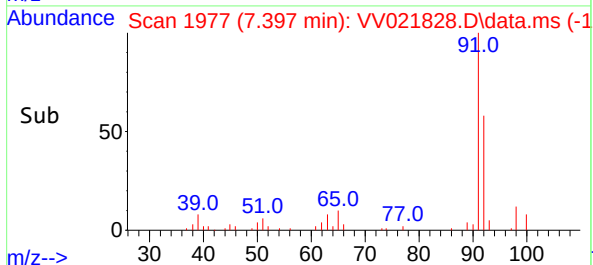
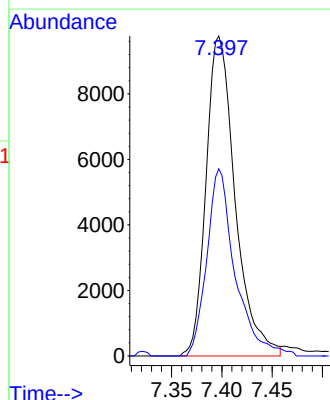
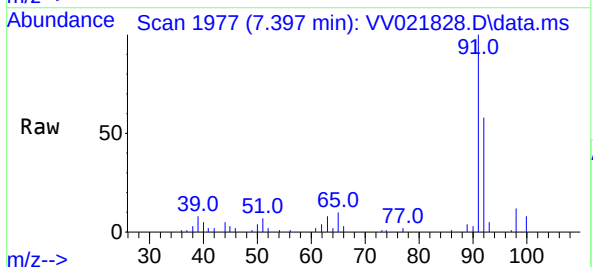
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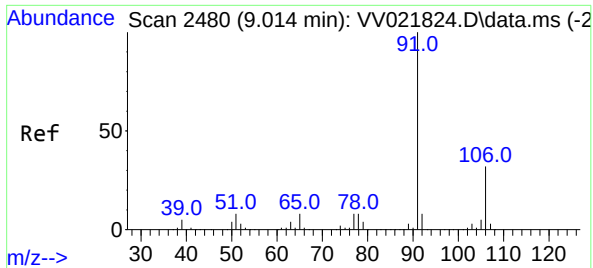
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#42
Toluene
Concen: 1.456 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

Tgt Ion: 91 Resp: 19660
Ion Ratio Lower Upper
91 100
92 58.5 40.1 74.5





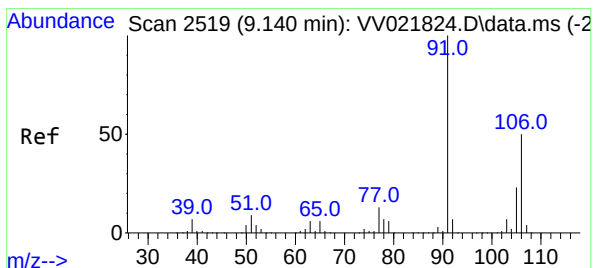
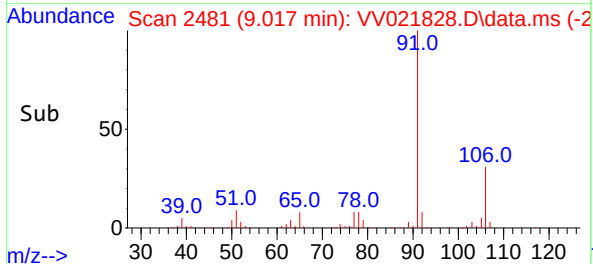
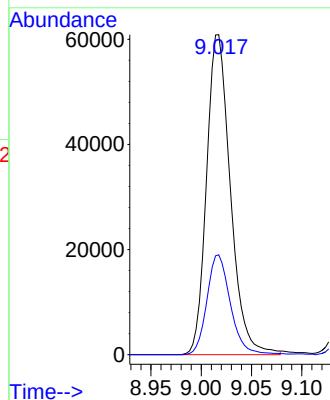
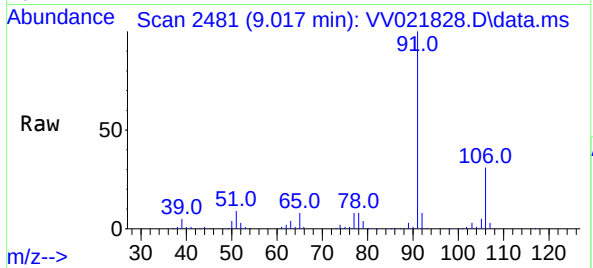
#52
Ethylbenzene
Concen: 6.979 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

Instrument :
MSVOA_V
ClientSampleId :
DBKB3

Tgt Ion: 91 Resp: 100509
Ion Ratio Lower Upper
91 100
106 31.2 22.2 41.2

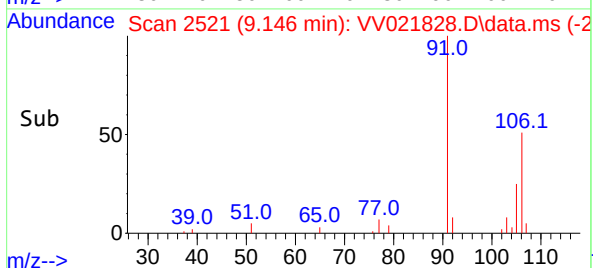
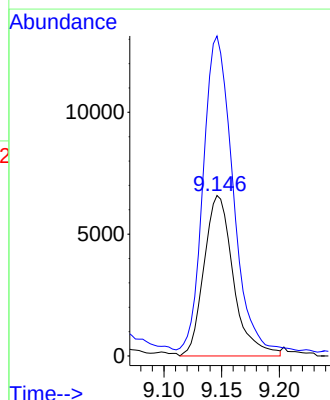
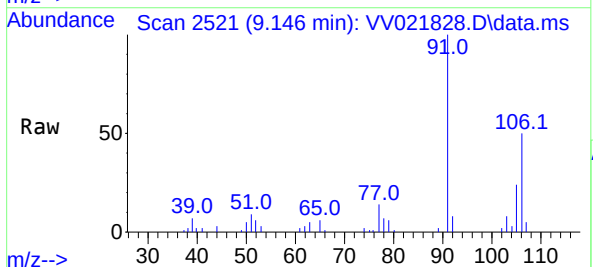
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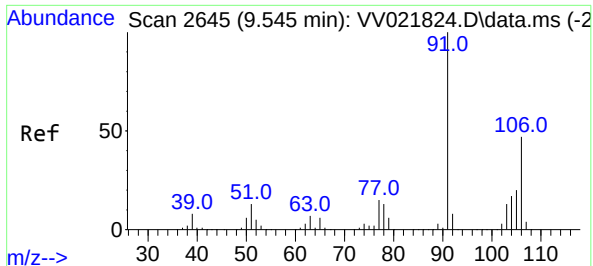
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#53
m,p-Xylene
Concen: 2.091 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

Tgt Ion: 106 Resp: 11670
Ion Ratio Lower Upper
106 100
91 199.3 139.2 258.6





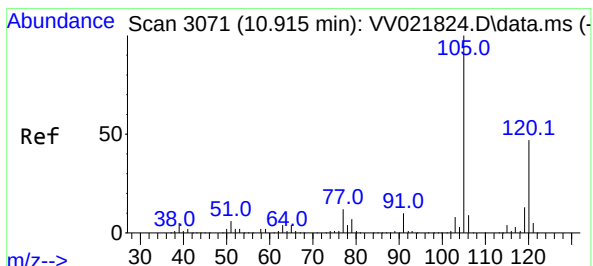
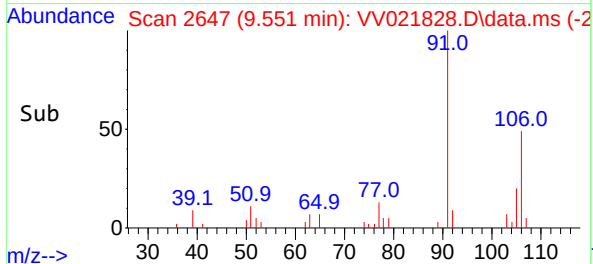
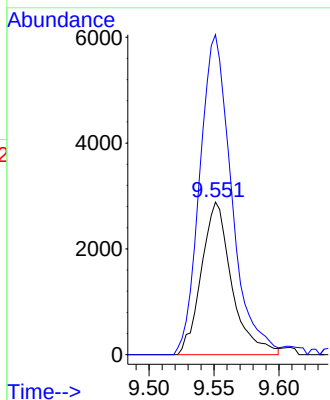
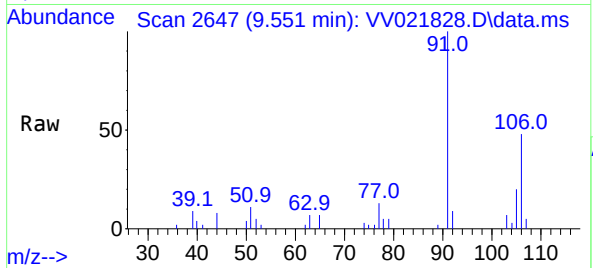
#54
o-Xylene
Concen: 0.849 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

Instrument :
MSVOA_V
ClientSampled :
DBKB3

Tgt Ion:106 Resp: 4699
Ion Ratio Lower Upper
106 100
91 209.5 148.1 275.0

Manual Integrations
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#63
1,2,4-Trimethylbenzene
Concen: 1.233 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021828.D
Acq: 17 Aug 2021 20:59

Tgt Ion:105 Resp: 14642
Ion Ratio Lower Upper
105 100
120 47.1 37.3 55.9

