

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024332.D
 Acq On : 12 Jan 2022 16:01
 Operator : SY/MD
 Sample : N1084-09DL 100X
 Misc : 6.39g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN2DL

Quant Time: Jan 13 02:33:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Semsettin Yesilyurt 01/13/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	233134	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	224603	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	132504	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	76548	45.623	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.240%		
7) Chloroethane-d5	1.571	69	62895	49.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.700%		
11) 1,1-Dichloroethene-d2	2.111	63	115953	36.977	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.960%		
21) 2-Butanone-d5	3.886	46	87980	94.117	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.120%		
24) Chloroform-d	4.349	84	148266	48.350	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.700%		
26) 1,2-Dichloroethane-d4	5.031	65	99931	48.673	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.340%		
32) Benzene-d6	5.050	84	289244	49.349	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.700%		
36) 1,2-Dichloropropane-d6	6.069	67	84321	51.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.660%		
41) Toluene-d8	7.317	98	272366	47.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.980%		
43) trans-1,3-Dichloroprop...	7.622	79	43719	46.221	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.440%		
47) 2-Hexanone-d5	8.088	63	61678	86.426	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.430%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	117724	50.150	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.300%		
66) 1,2-Dichlorobenzene-d4	11.622	152	131959	49.963	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.920%		
Target Compounds					Qvalue	
42) Toluene	7.397	91	8581	1.339	ug/L	99
52) Ethylbenzene	9.011	91	115667	16.889	ug/L	100
53) m,p-Xylene	9.137	106	188236	68.568	ug/L	97
54) o-Xylene	9.542	106	43800	16.714	ug/L	97
60) Isopropylbenzene	9.931	105	13242m	1.806	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	111729	17.715	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	354989	56.378	ug/L	99

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

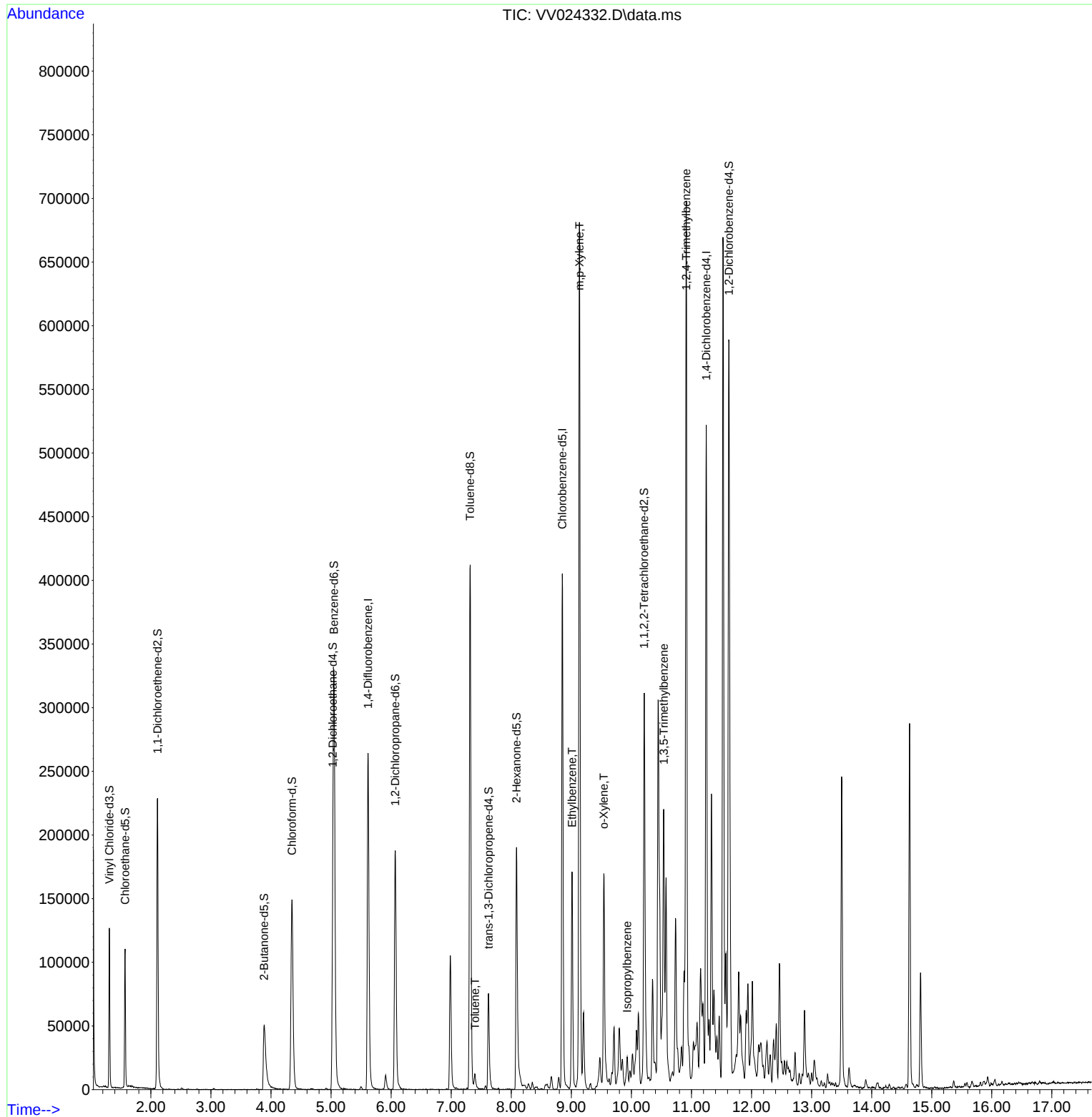
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011222\
Data File : VV024332.D
Acq On : 12 Jan 2022 16:01
Operator : SY/MD
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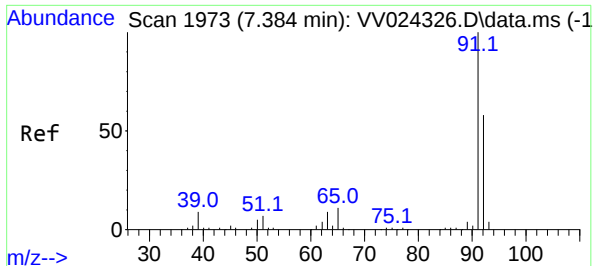
Instrument :
MSVOA_V
ClientSampleId :
BGLN2DL

Quant Time: Jan 13 02:33:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration

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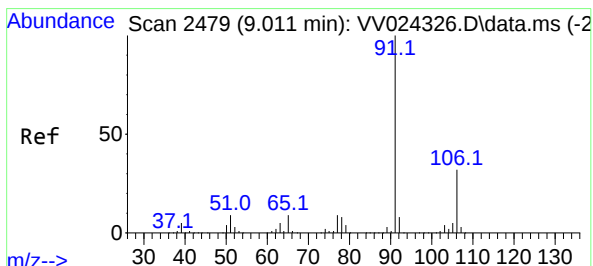
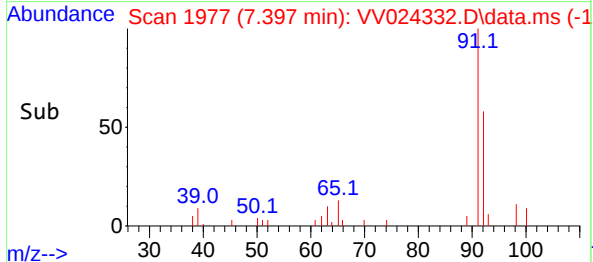
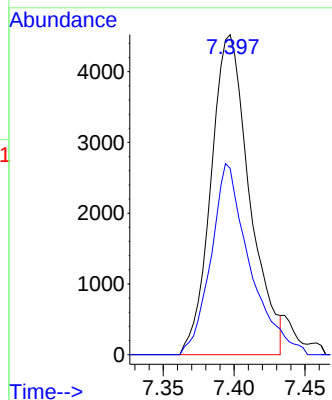
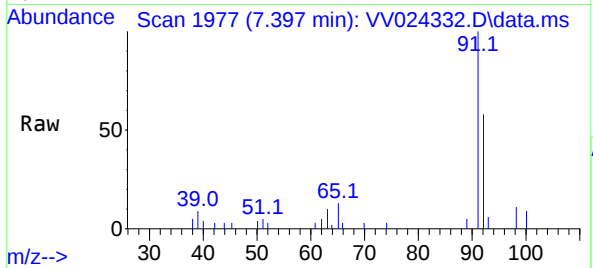
#42
Toluene
Concen: 1.339 ug/L
RT: 7.397 min Scan# 1973
Delta R.T. 0.013 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

Instrument :
MSVOA_V
ClientSampleId :
BGLN2DL

Tgt Ion: 91 Resp: 858
Ion Ratio Lower Upper
91 100
92 58.2 40.4 75.0

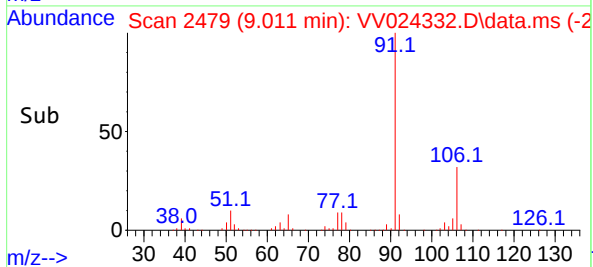
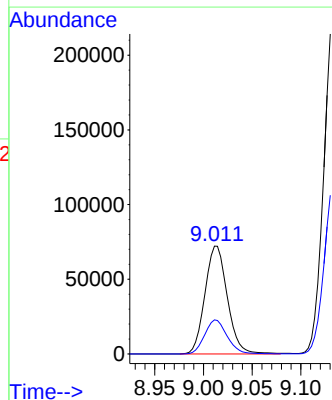
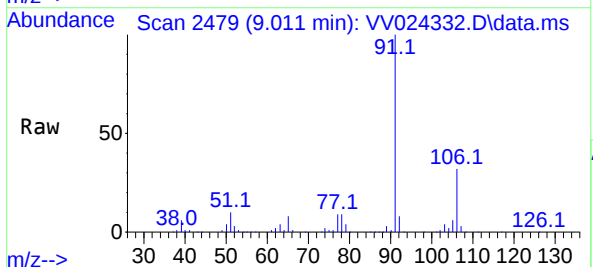
Manual Integrations
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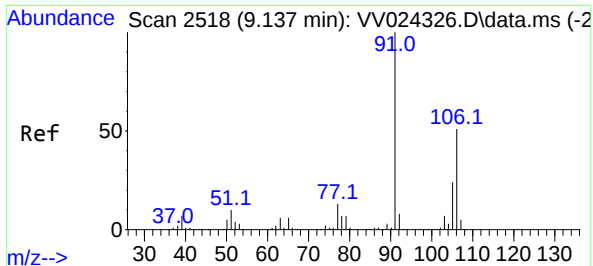
Reviewed By :John Carlone 01/13/2022
Supervised By :Semsettin Yesilyurt 01/13/2022



#52
Ethylbenzene
Concen: 16.889 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

Tgt Ion: 91 Resp: 115667
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0





#53

m,p-Xylene

Concen: 68.568 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024332.D

Acq: 12 Jan 2022 16:01

Instrument :

MSVOA_V

ClientSampleId :

BGLN2DL

Tgt Ion:106 Resp: 188230

Ion Ratio Lower Upper

106 100

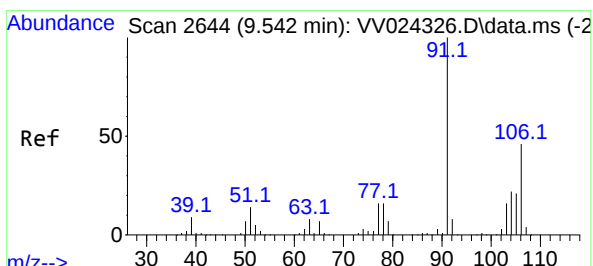
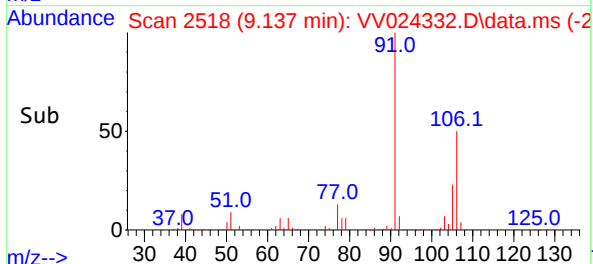
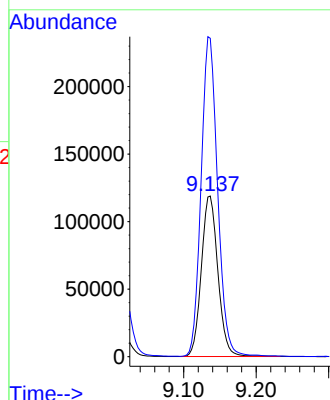
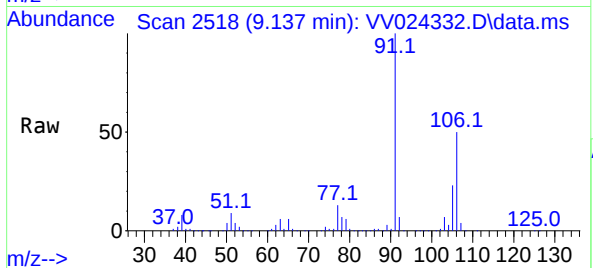
91 198.2 141.8 263.4

Manual Integrations

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#54

o-Xylene

Concen: 16.714 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. 0.000 min

Lab File: VV024332.D

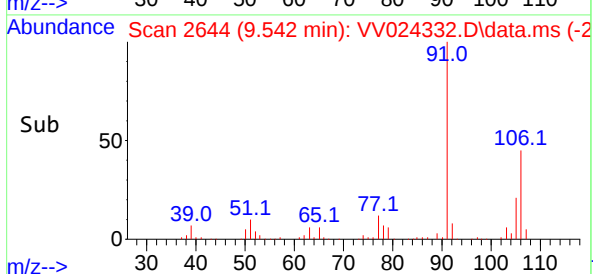
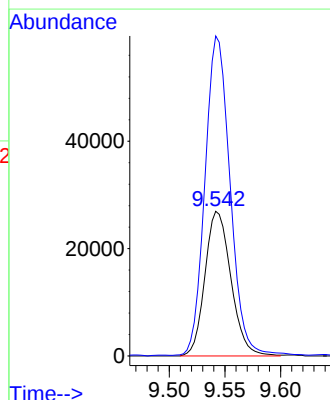
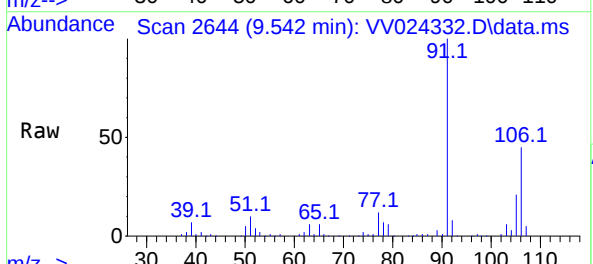
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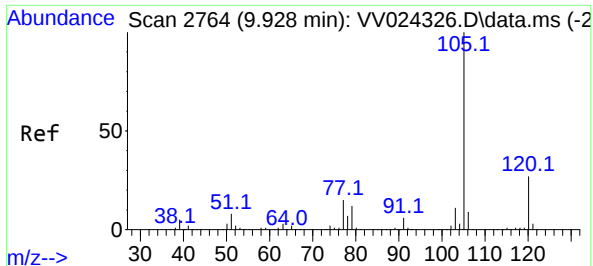
Tgt Ion:106 Resp: 43800

Ion Ratio Lower Upper

106 100

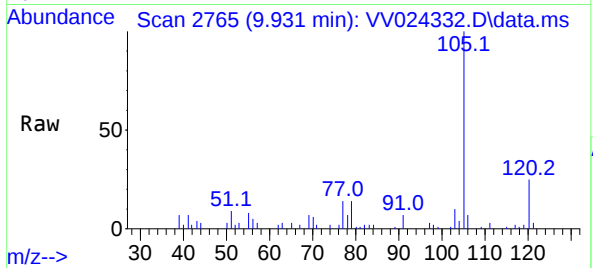
91 221.1 150.9 280.3





#60
Isopropylbenzene
Concen: 1.806 ug/L m
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

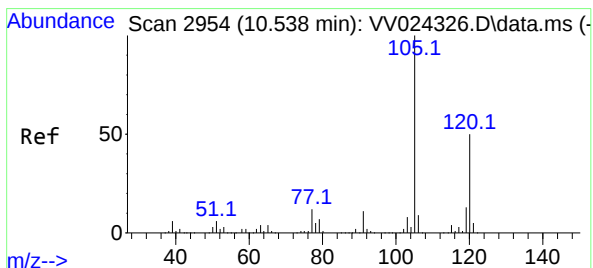
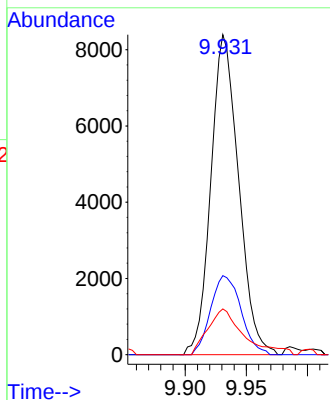
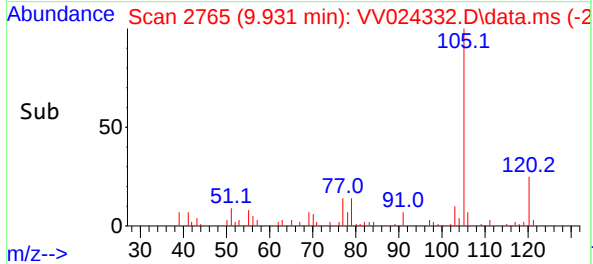
Instrument :
MSVOA_V
ClientSampleId :
BGLN2DL



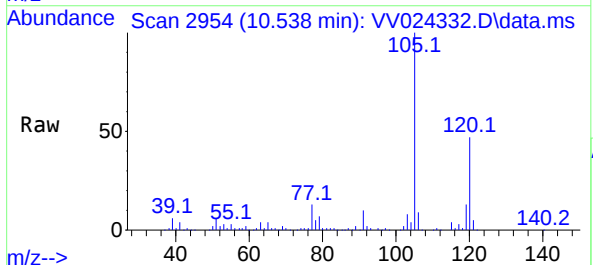
Tgt Ion:105 Resp: 1324
Ion Ratio Lower Upper
105 100
120 172.5 21.9 32.9
77 67.2 11.9 17.9

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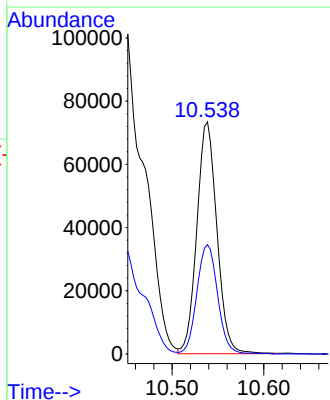
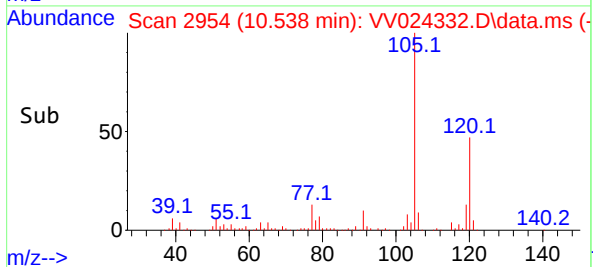
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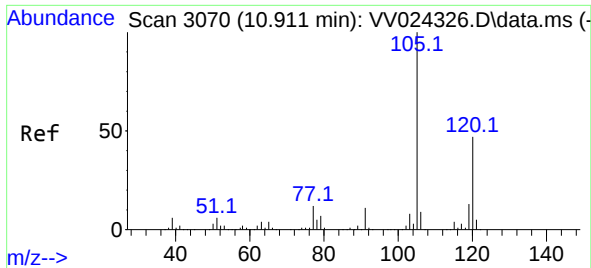


#62
1,3,5-Trimethylbenzene
Concen: 17.715 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01



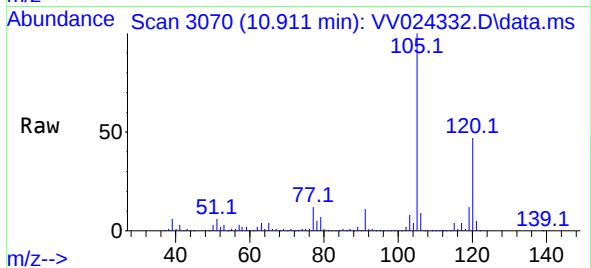
Tgt Ion:105 Resp: 111729
Ion Ratio Lower Upper
105 100
120 47.7 39.4 59.2





#63
1,2,4-Trimethylbenzene
Concen: 56.378 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV024332.D
Acq: 12 Jan 2022 16:01

Instrument :
MSVOA_V
ClientSampleId :
BGLN2DL



Tgt Ion:105 Resp: 354989
Ion Ratio Lower Upper
105 100
120 46.2 36.6 55.0

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