

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011222\
 Data File : VW024340.D
 Acq On : 12 Jan 2022 19:10
 Operator : SY/MD
 Sample : N1084-09 20X
 Misc : 6.39g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLN2

Manual Integrations
 APPROVED

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

Quant Time: Jan 13 02:34:58 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	255755	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	251725	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	141426	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	81787	44.434	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.860%		
7) Chloroethane-d5	1.571	69	63958	45.741	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.480%		
11) 1,1-Dichloroethene-d2	2.108	63	122408	35.583	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.160%		
21) 2-Butanone-d5	3.889	46	97213	94.796	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.800%		
24) Chloroform-d	4.349	84	158104	46.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
26) 1,2-Dichloroethane-d4	5.030	65	107286	47.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.260%		
32) Benzene-d6	5.050	84	315283	47.996	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.000%		
36) 1,2-Dichloropropane-d6	6.069	67	91762	49.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.680%		
41) Toluene-d8	7.317	98	296241	46.577	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.160%		
43) trans-1,3-Dichloroprop...	7.622	79	47347	44.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.320%		
47) 2-Hexanone-d5	8.088	63	76545	95.702	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.700%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	131237	49.883	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.760%		
66) 1,2-Dichlorobenzene-d4	11.622	152	138358	49.081	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.160%		
Target Compounds						Qvalue
33) Benzene	5.104	78	10880m	1.700	ug/L	
35) Methylcyclohexane	6.130	83	3213m	1.227	ug/L	
42) Toluene	7.391	91	28649	3.987	ug/L	98
52) Ethylbenzene	9.011	91	600558	78.240	ug/L	100
53) m,p-Xylene	9.136	106	901657	293.056	ug/L	99
54) o-Xylene	9.542	106	221991	75.584	ug/L	97
60) Isopropylbenzene	9.931	105	66145	8.452	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	523859	77.819	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	1643560	244.558	ug/L	100

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

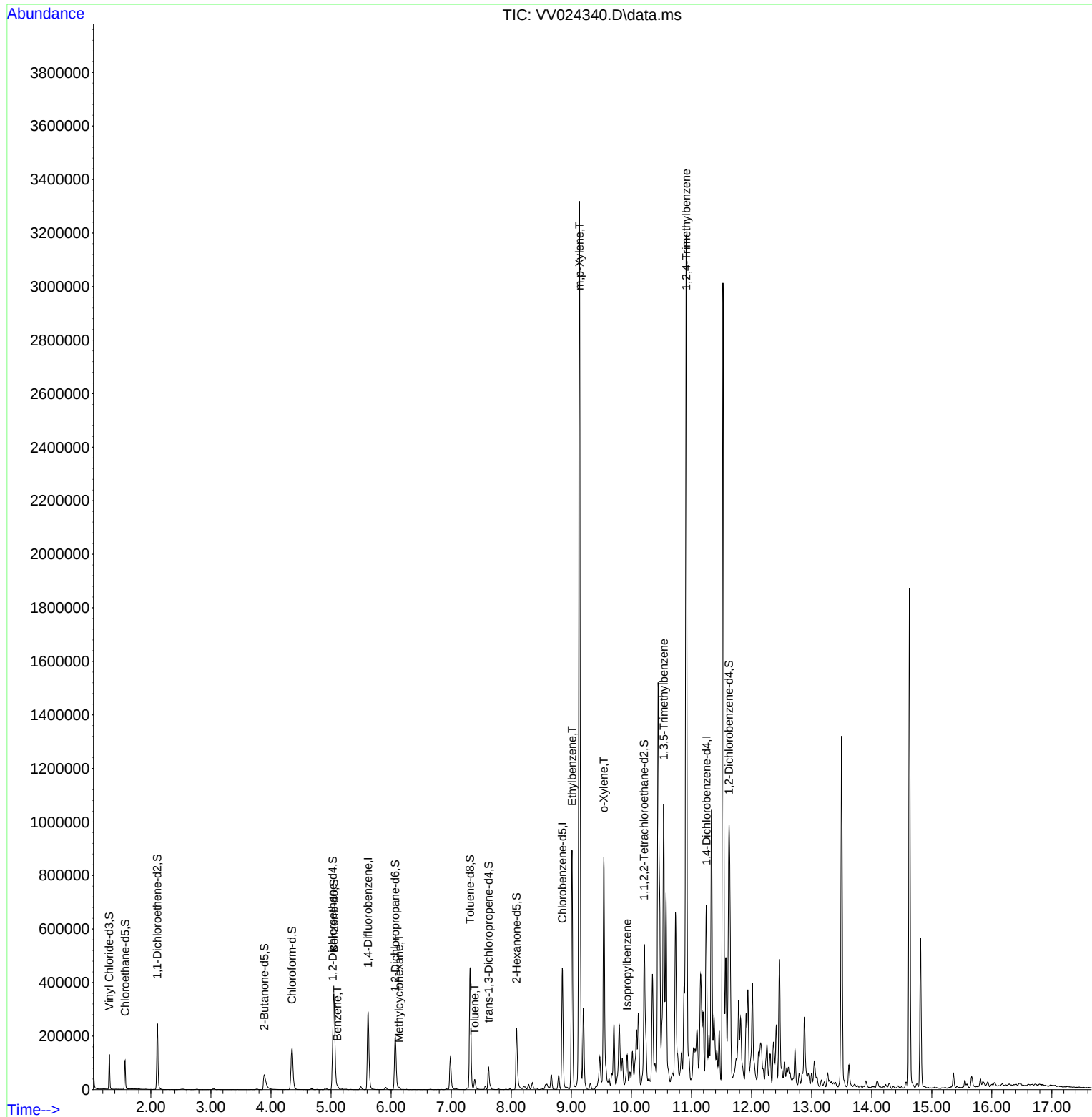
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011222\
Data File : VV024340.D
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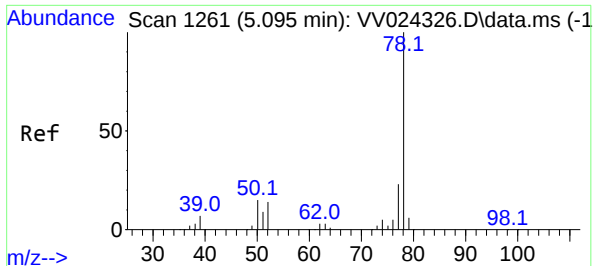
Instrument :
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ClientSampleId :
BGLN2

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Quant Title : VOC Analysis
QLast Update : Thu Jan 13 02:28:22 2022
Response via : Initial Calibration





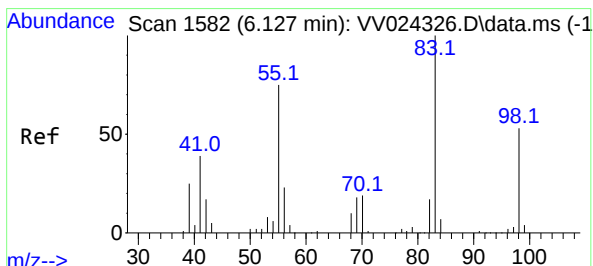
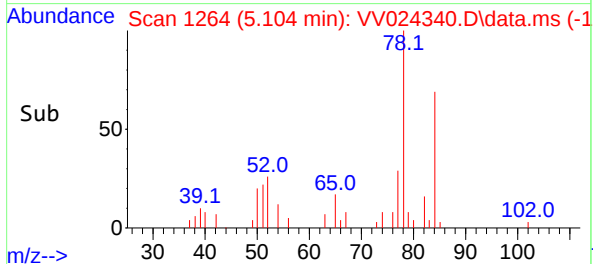
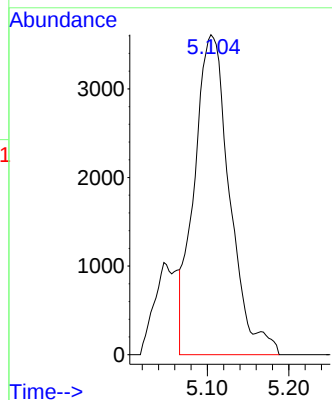
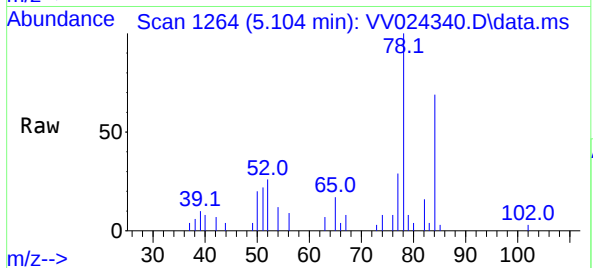
#33
Benzene
Concen: 1.700 ug/L m
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Instrument :
MSVOA_V
ClientSampleId :
BGLN2

Tgt Ion: 78 Resp: 10880

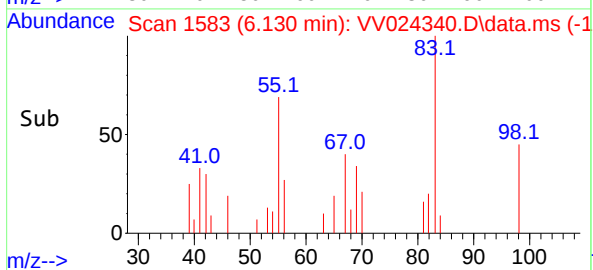
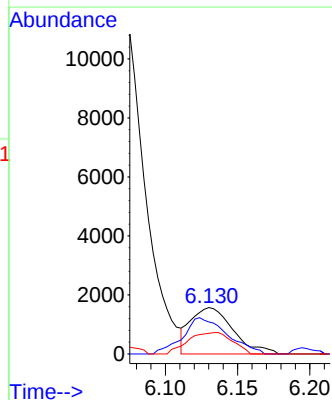
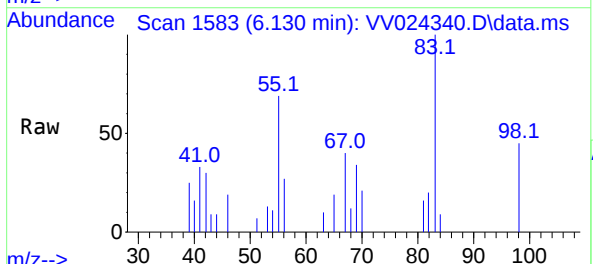
Manual Integrations
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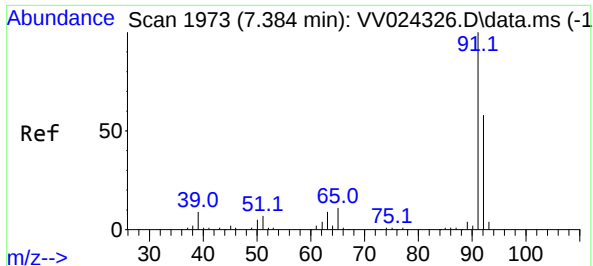
Reviewed By :John Carlone 01/13/2022
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#35
Methylcyclohexane
Concen: 1.227 ug/L m
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Tgt Ion: 83 Resp: 3213
Ion Ratio Lower Upper
83 100
55 81.7 55.6 83.4
98 48.1 41.3 61.9





#42

Toluene

Concen: 3.987 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV024340.D

Acq: 12 Jan 2022 19:10

Instrument :

MSVOA_V

ClientSampleId :

BGLN2

Tgt Ion: 91 Resp: 28649

Ion Ratio Lower Upper

91 100

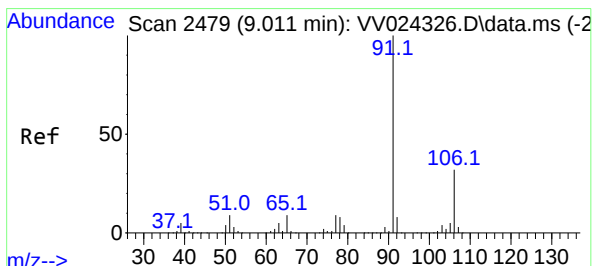
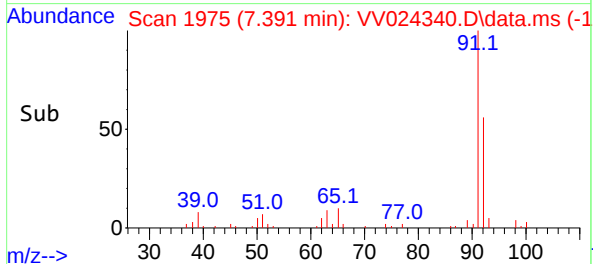
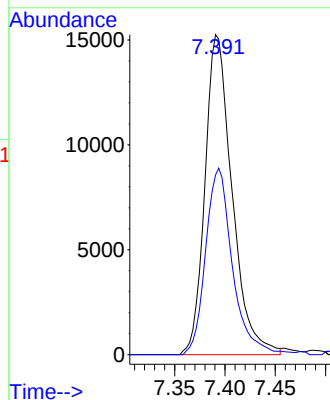
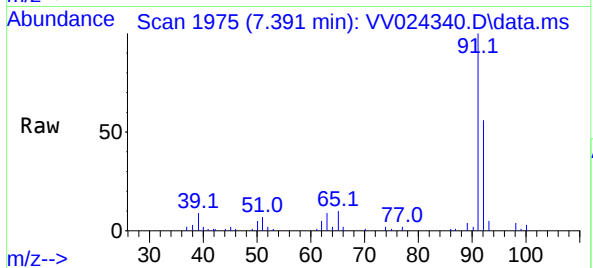
92 56.2 40.4 75.0

Manual Integrations

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#52

Ethylbenzene

Concen: 78.240 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024340.D

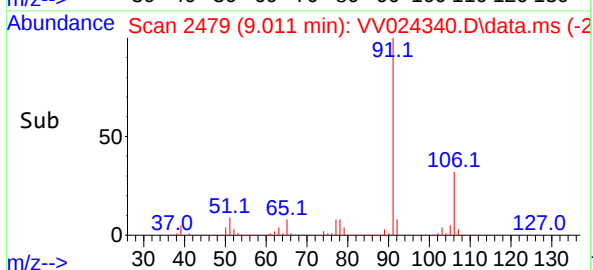
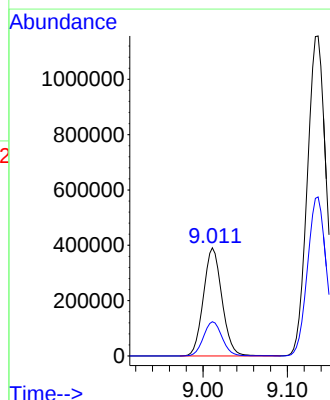
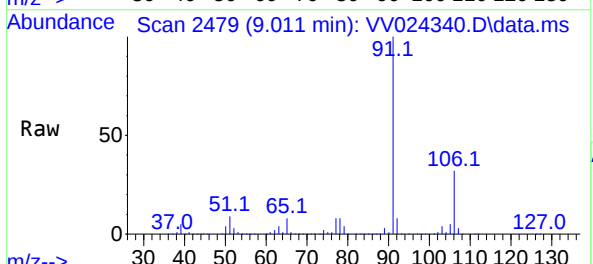
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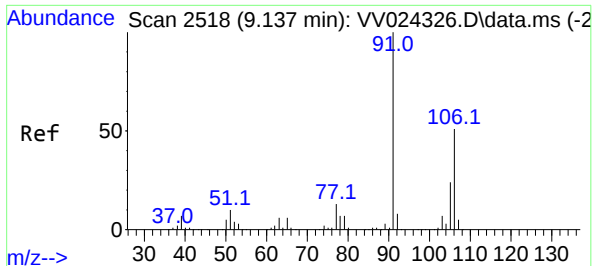
Tgt Ion: 91 Resp: 600558

Ion Ratio Lower Upper

91 100

106 31.7 22.0 41.0





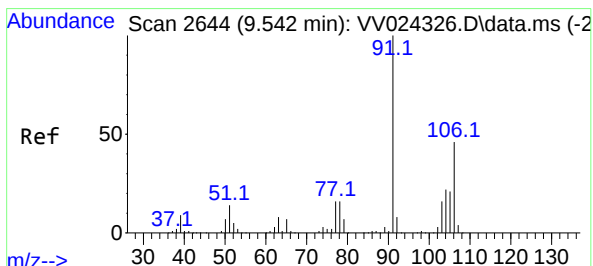
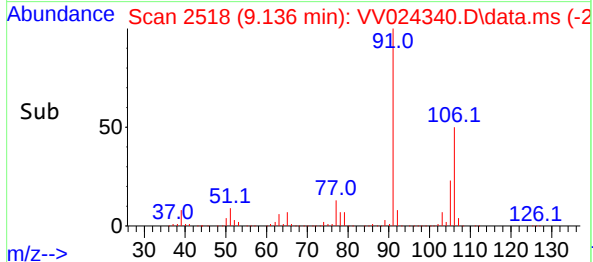
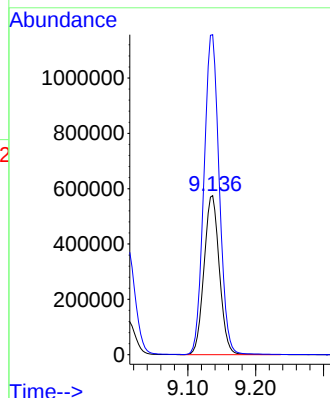
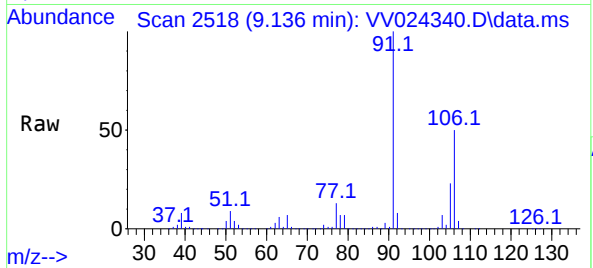
#53
m,p-Xylene
Concen: 293.056 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Instrument :
MSVOA_V
ClientSampleId :
BGLN2

Tgt Ion:106 Resp: 90165
Ion Ratio Lower Upper
106 100
91 201.3 141.8 263.4

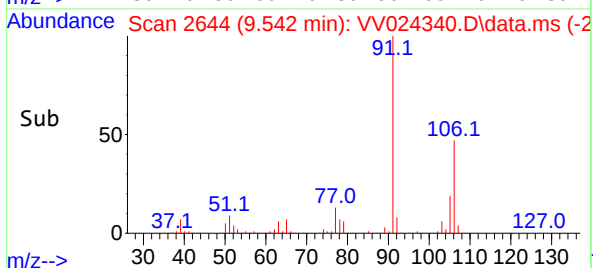
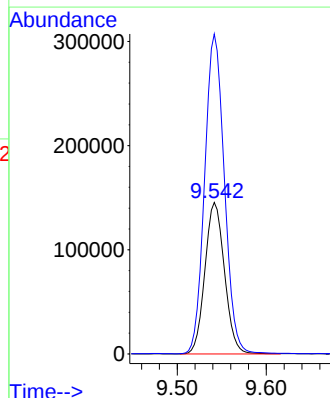
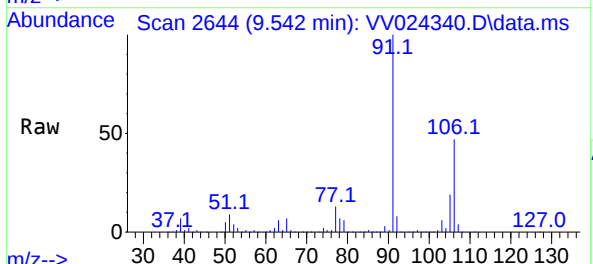
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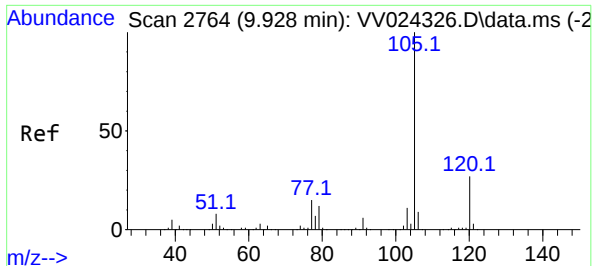
Reviewed By :John Carlone 01/13/2022
Supervised By :Semsettin Yesilyurt 01/13/2022



#54
o-Xylene
Concen: 75.584 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

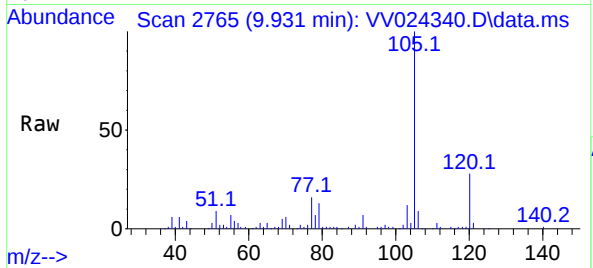
Tgt Ion:106 Resp: 221991
Ion Ratio Lower Upper
106 100
91 211.3 150.9 280.3





#60
Isopropylbenzene
Concen: 8.452 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

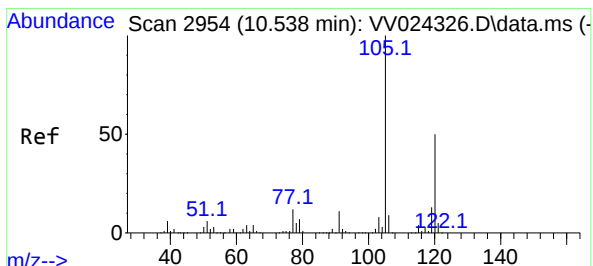
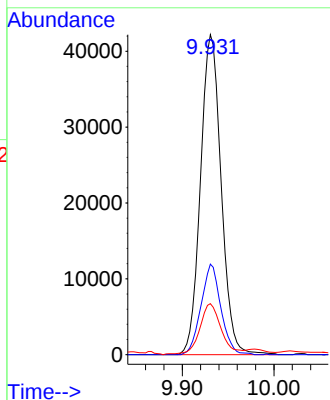
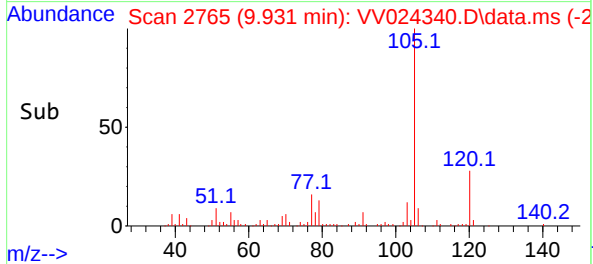
Instrument :
MSVOA_V
ClientSampleId :
BGLN2



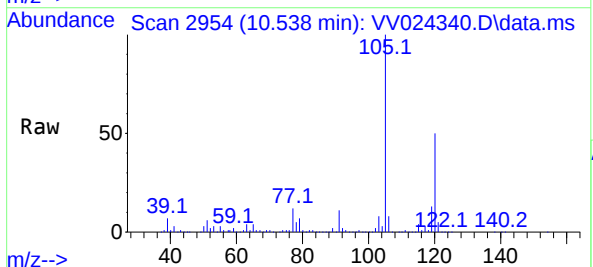
Tgt Ion:105 Resp: 6614
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.8 11.9 17.9

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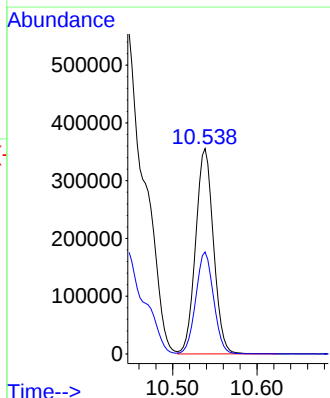
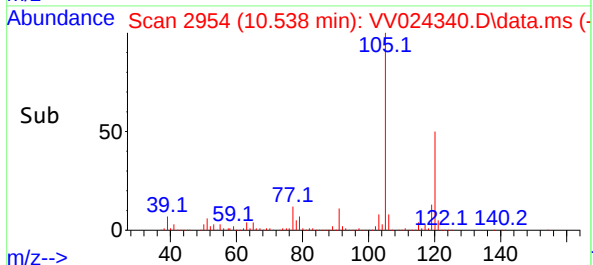
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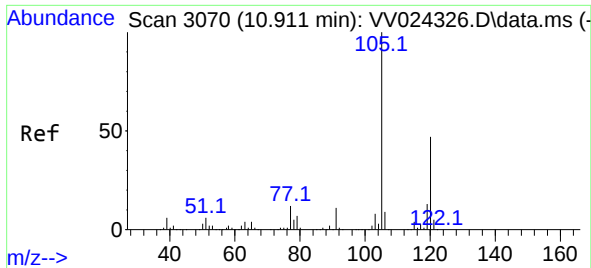


#62
1,3,5-Trimethylbenzene
Concen: 77.819 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10



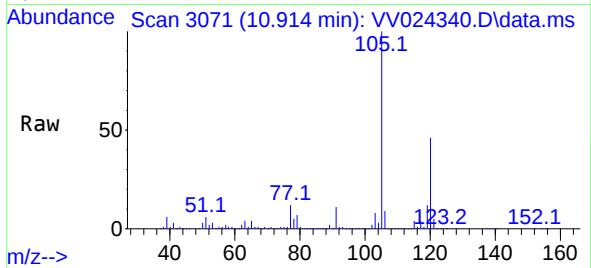
Tgt Ion:105 Resp: 523859
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2





#63
1,2,4-Trimethylbenzene
Concen: 244.558 ug/L
RT: 10.914 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV024340.D
Acq: 12 Jan 2022 19:10

Instrument :
MSVOA_V
ClientSampleId :
BGLN2



Tgt Ion:105 Resp: 1643560
Ion Ratio Lower Upper
105 100
120 46.0 36.6 55.0

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