

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
 Data File : VV027244.D
 Acq On : 08 Aug 2022 13:03
 Operator : SY/MD
 Sample : N4008-08ME
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0ZF2ME

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/09/2022
 Supervised By :Semsettin Yesilyurt 08/09/2022

Quant Time: Aug 09 02:30:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	604730	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	587172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	322217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	193478	46.927	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.860%		
7) Chloroethane-d5	1.526	69	63722m	21.141	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	42.280%#		
11) 1,1-Dichloroethene-d2	2.063	63	237076m	31.437	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.880%		
21) 2-Butanone-d5	3.886	46	244130	66.522	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	66.520%		
24) Chloroform-d	4.336	84	357076	42.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.560%		
26) 1,2-Dichloroethane-d4	5.021	65	243071	46.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.720%		
32) Benzene-d6	5.034	84	747868	53.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.220%		
36) 1,2-Dichloropropane-d6	6.063	67	268684	53.643	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.280%		
41) Toluene-d8	7.310	98	683918	56.983	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.960%		
43) trans-1,3-Dichloroprop...	7.619	79	116055	53.158	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.320%		
47) 2-Hexanone-d5	8.095	63	263930	109.405	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.400%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	435417	53.344	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.680%		
66) 1,2-Dichlorobenzene-d4	11.625	152	294115	52.857	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.720%		
Target Compounds						
13) Acetone	2.178	43	7154	2.528	ug/L	Qvalue 86
29) Cyclohexane	4.651	56	34372	5.083	ug/L	# 71
35) Methylcyclohexane	6.117	83	236142	33.239	ug/L	# 88
42) Toluene	7.384	91	259115	13.506	ug/L	99
52) Ethylbenzene	9.011	91	197306	9.967	ug/L	99
53) m,p-Xylene	9.133	106	1082906	144.744	ug/L	96
54) o-Xylene	9.541	106	441976	60.638	ug/L	95
60) Isopropylbenzene	9.931	105	185791	9.150	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	1909822	113.888	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	4923152	299.686	ug/L	99

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

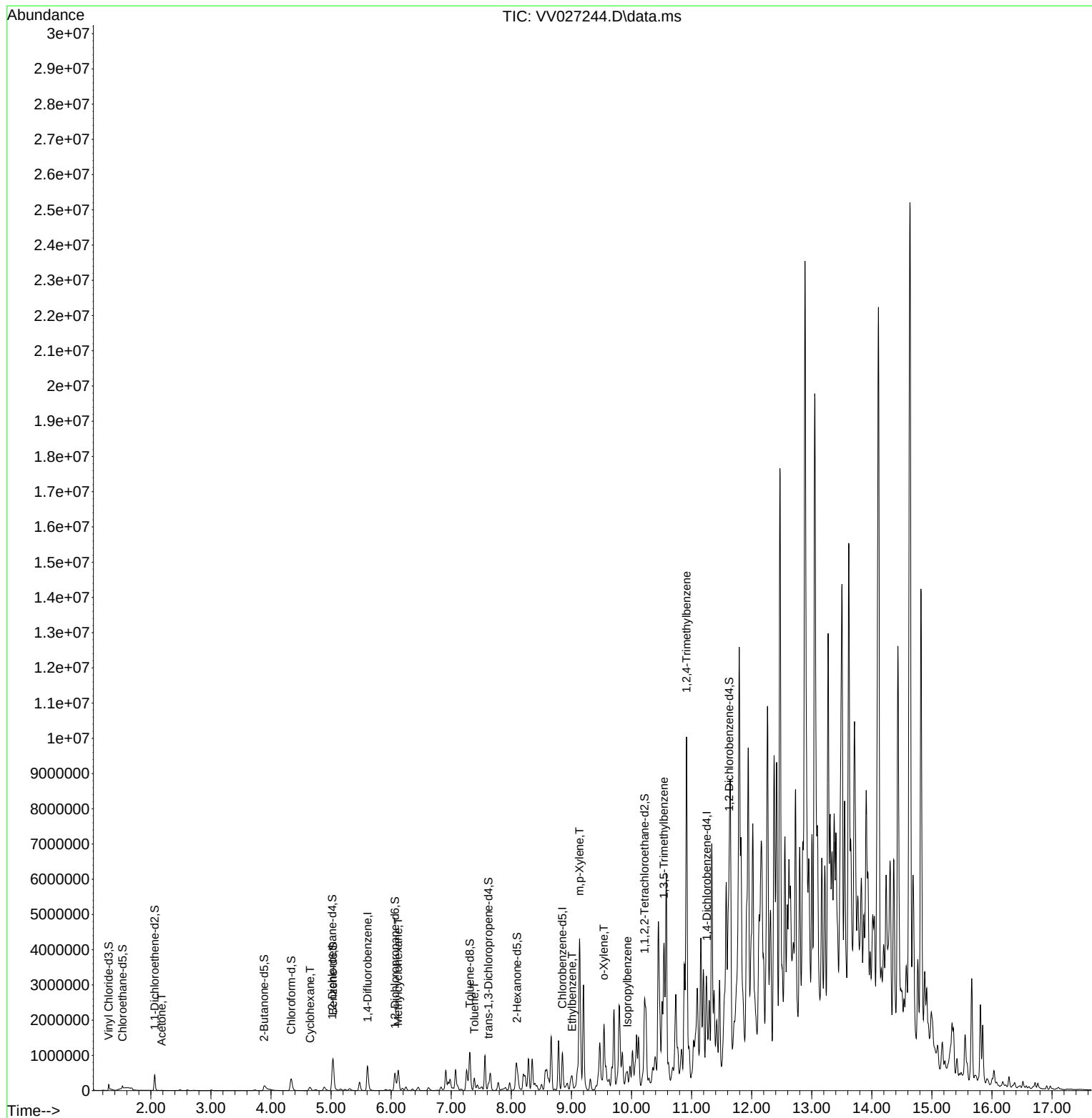
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080822\
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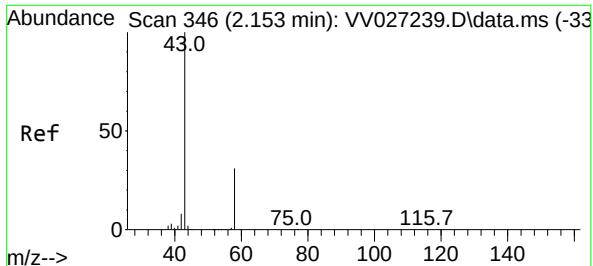
Instrument :
MSVOA_V
ClientSampleId :
C0ZF2ME

Quant Time: Aug 09 02:30:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 09 02:29:12 2022
Response via : Initial Calibration

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#13

Acetone

Concen: 2.528 ug/L

RT: 2.178 min Scan# 31

Delta R.T. 0.026 min

Lab File: VV027244.D

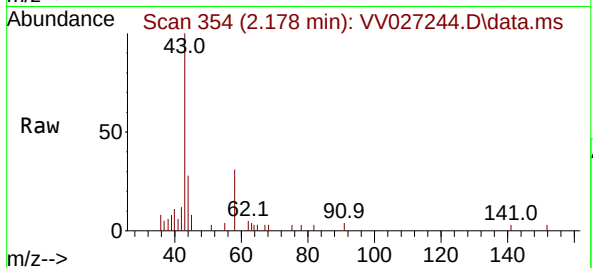
Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

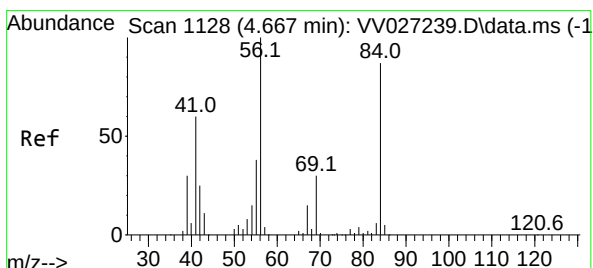
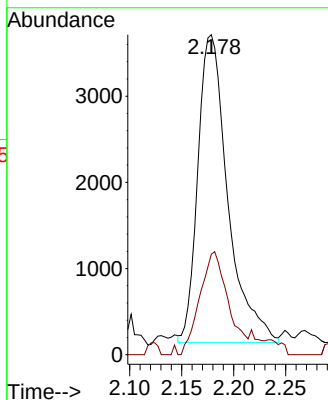
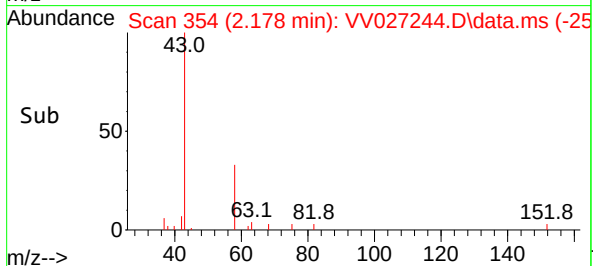


Tgt Ion: 43	Resp: 7154
Ion Ratio	Lower Upper
43	100
58	31.9 0.0 49.6

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#29

Cyclohexane

Concen: 5.083 ug/L

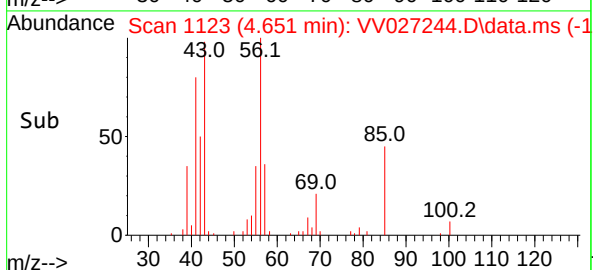
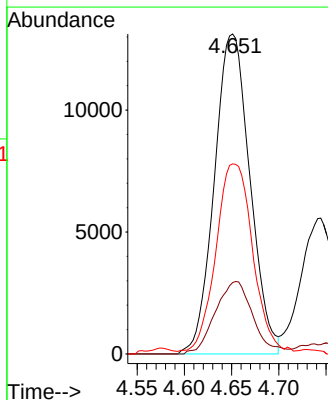
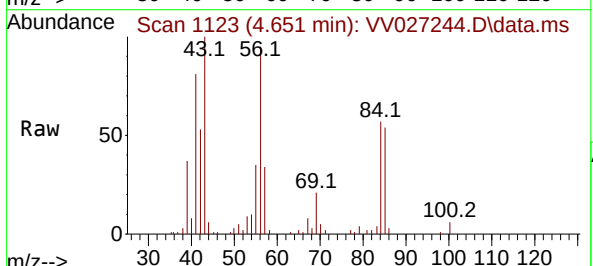
RT: 4.651 min Scan# 1123

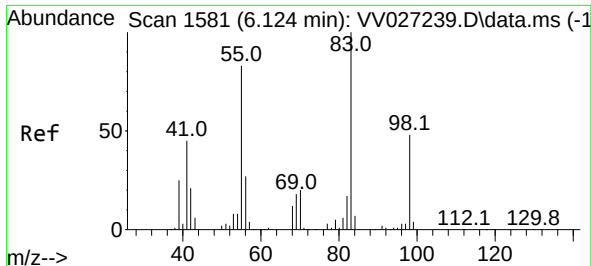
Delta R.T. -0.016 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Tgt Ion: 56	Resp: 34372
Ion Ratio	Lower Upper
56	100
69	24.0 25.9 38.9#
84	61.6 75.3 112.9#





#35

Methylcyclohexane

Concen: 33.239 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.007 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

Tgt Ion: 83 Resp: 23614

Ion Ratio Lower Upper

83 100

55 84.4 55.5 83.3

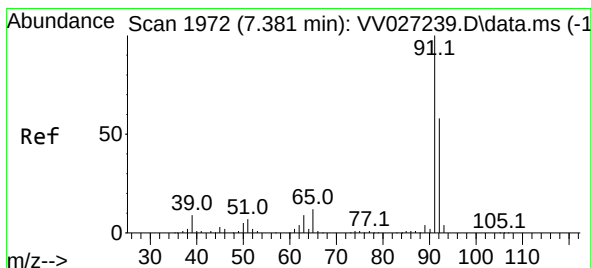
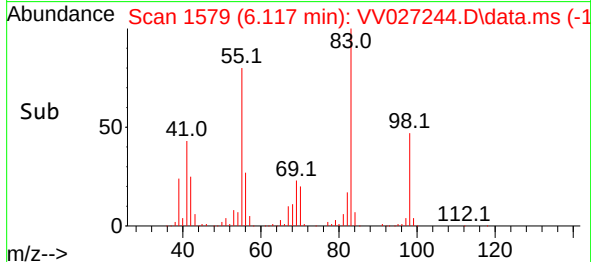
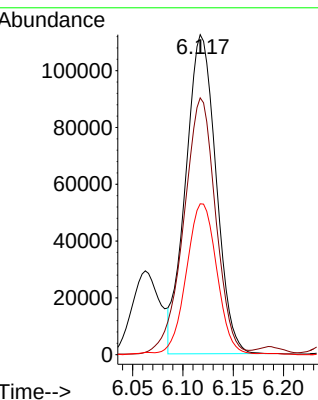
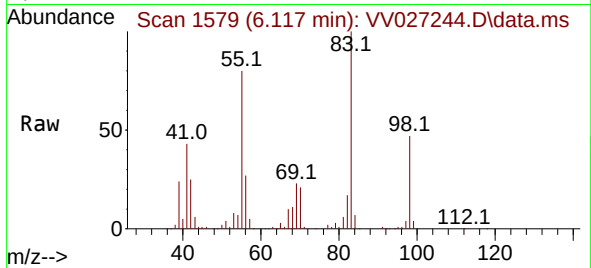
98 46.9 39.0 58.4

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#42

Toluene

Concen: 13.506 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027244.D

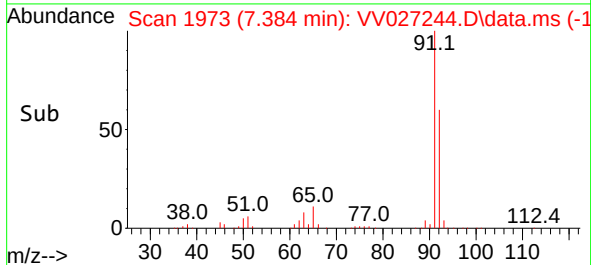
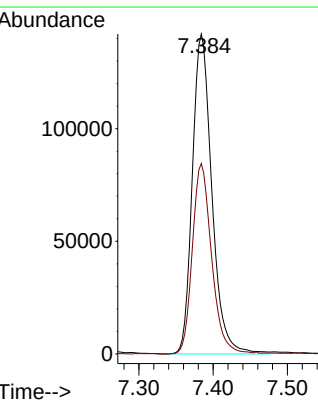
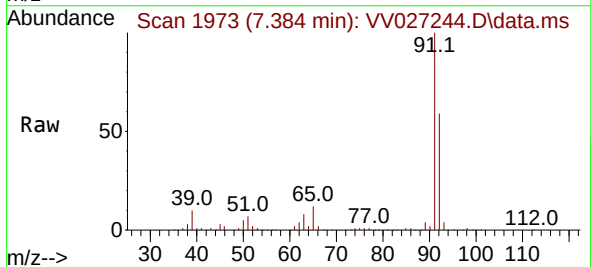
Acq: 08 Aug 2022 13:03

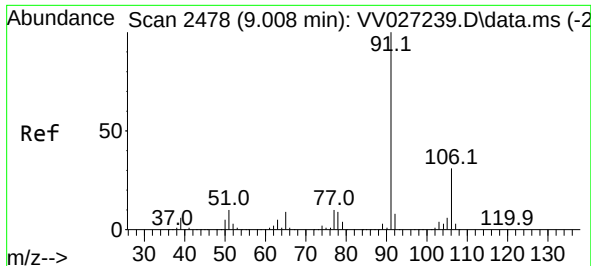
Tgt Ion: 91 Resp: 259115

Ion Ratio Lower Upper

91 100

92 59.5 40.9 76.0





#52

Ethylbenzene

Concen: 9.967 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027244.D

Acq: 08 Aug 2022 13:03

Instrument :

MSVOA_V

ClientSampleId :

C0ZF2ME

Tgt Ion: 91 Resp: 197300

Ion Ratio Lower Upper

91 100

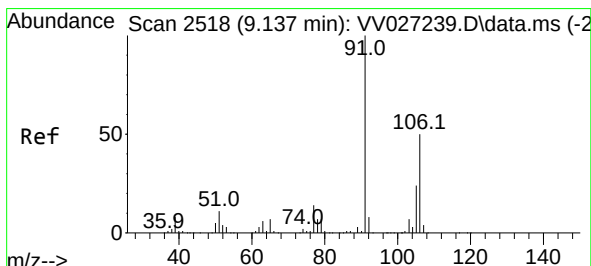
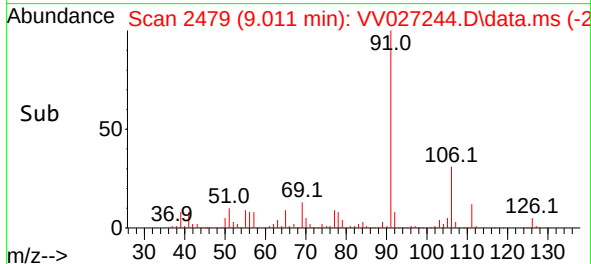
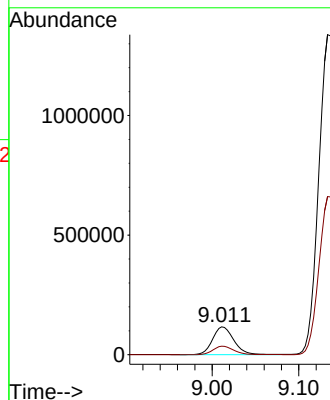
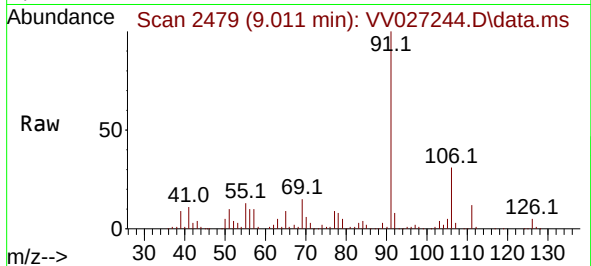
106 30.7 21.8 40.6

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#53

m,p-Xylene

Concen: 144.744 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.003 min

Lab File: VV027244.D

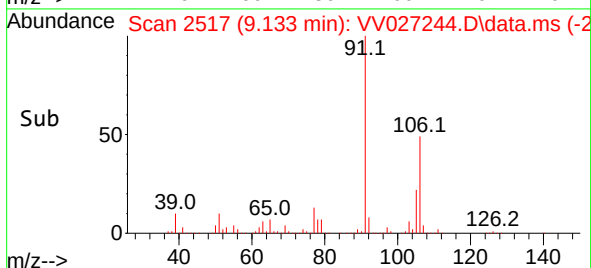
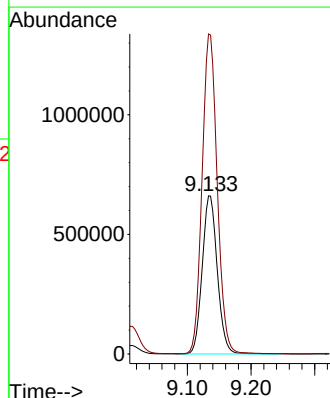
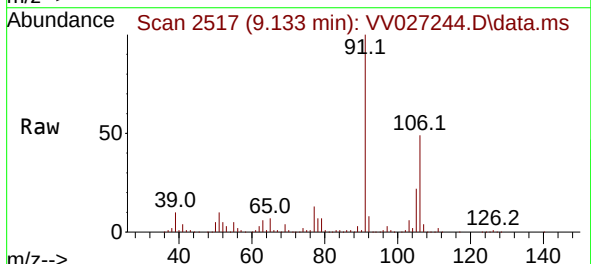
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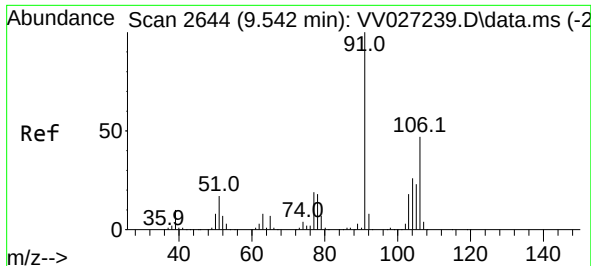
Tgt Ion:106 Resp: 1082906

Ion Ratio Lower Upper

106 100

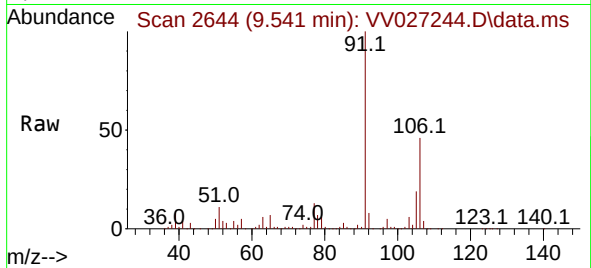
91 202.4 137.5 255.3





#54
o-Xylene
Concen: 60.638 ug/L
RT: 9.541 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03

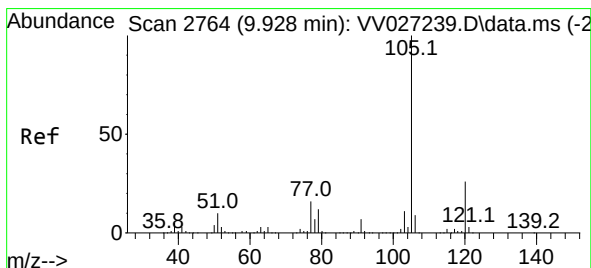
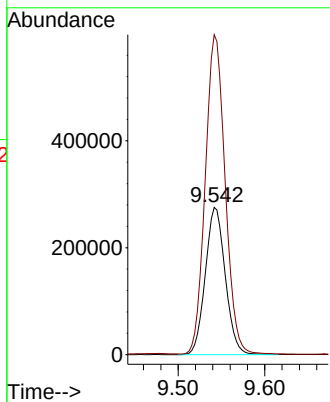
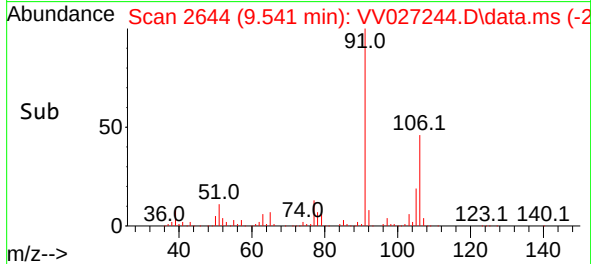
Instrument :
MSVOA_V
ClientSampleId :
C0ZF2ME



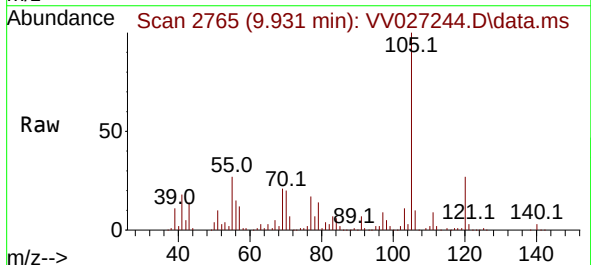
Tgt Ion:106 Resp: 441970
Ion Ratio Lower Upper
106 100
91 217.1 146.6 272.2

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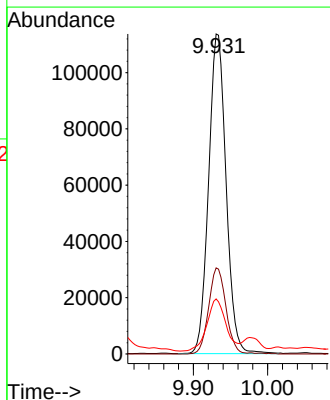
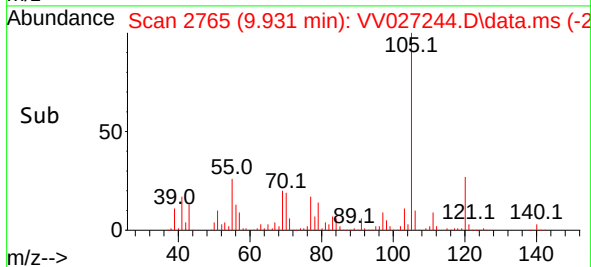
Reviewed By :Mahesh Dadoda 08/09/2022
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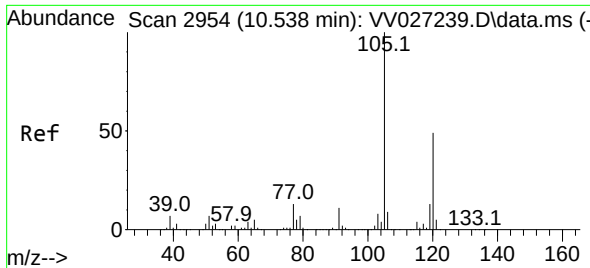


#60
Isopropylbenzene
Concen: 9.150 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03



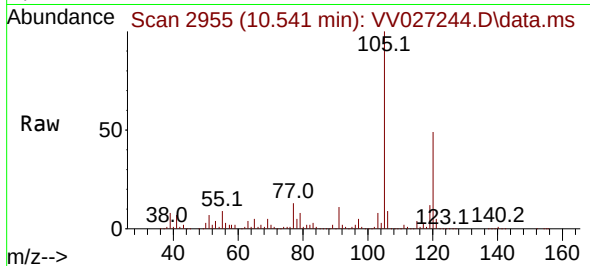
Tgt Ion:105 Resp: 185791
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 17.5 11.8 17.6





#62
1,3,5-Trimethylbenzene
Concen: 113.888 ug/L
RT: 10.541 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03

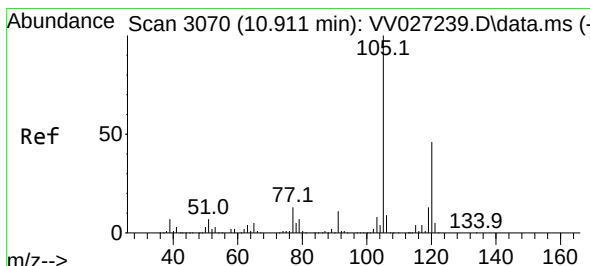
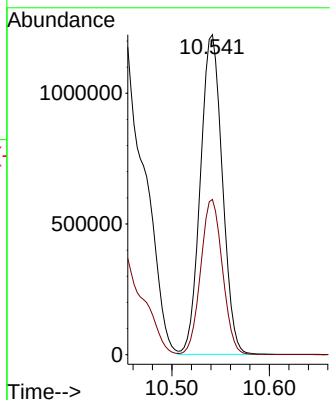
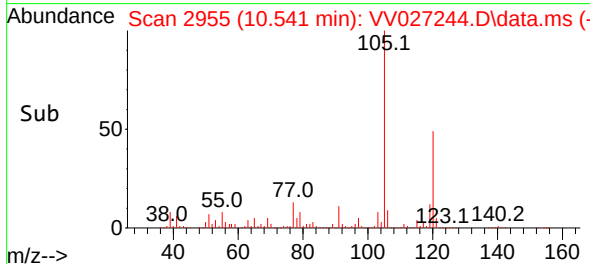
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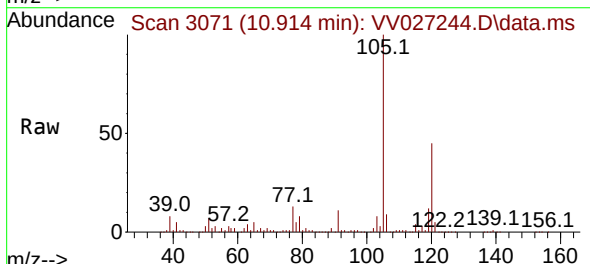
Tgt Ion:105 Resp: 1909822
Ion Ratio Lower Upper
105 100
120 48.2 39.3 58.9

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#63
1,2,4-Trimethylbenzene
Concen: 299.686 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV027244.D
Acq: 08 Aug 2022 13:03



Tgt Ion:105 Resp: 4923152
Ion Ratio Lower Upper
105 100
120 45.3 37.0 55.6

