

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028460.D
 Acq On : 09 Oct 2022 00:39
 Operator : SY/MD
 Sample : N4923-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

Quant Time: Oct 10 02:12:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	371826	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	340666	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	178755	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	102821	35.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.680%		
7) Chloroethane-d5	1.565	69	85700	37.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.340%		
11) 1,1-Dichloroethene-d2	2.105	63	143533m	29.395	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.800%#		
21) 2-Butanone-d5	3.905	46	175884	70.030	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	70.030%		
24) Chloroform-d	4.343	84	230105	43.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.460%		
26) 1,2-Dichloroethane-d4	5.027	65	155643	45.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.720%		
32) Benzene-d6	5.044	84	478172	43.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.600%		
36) 1,2-Dichloropropane-d6	6.066	67	150326	42.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.480%		
41) Toluene-d8	7.310	98	436045	44.616	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.240%		
43) trans-1,3-Dichloroprop...	7.616	79	74129	40.863	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.720%		
47) 2-Hexanone-d5	8.085	63	161448	83.389	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.390%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	203237	41.730	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.460%		
66) 1,2-Dichlorobenzene-d4	11.616	152	163324	44.095	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.180%		
Target Compounds					Qvalue	
33) Benzene	5.092	78	3782000	337.551	ug/L	100
42) Toluene	7.384	91	306858	26.571	ug/L	99
52) Ethylbenzene	9.005	91	1354356	107.596	ug/L	100
53) m,p-Xylene	9.130	106	195571	40.991	ug/L	100
54) o-Xylene	9.535	106	147878	30.955	ug/L	98
60) Isopropylbenzene	9.924	105	169569	13.164	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	92797	8.318	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	266423	24.060	ug/L	99

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

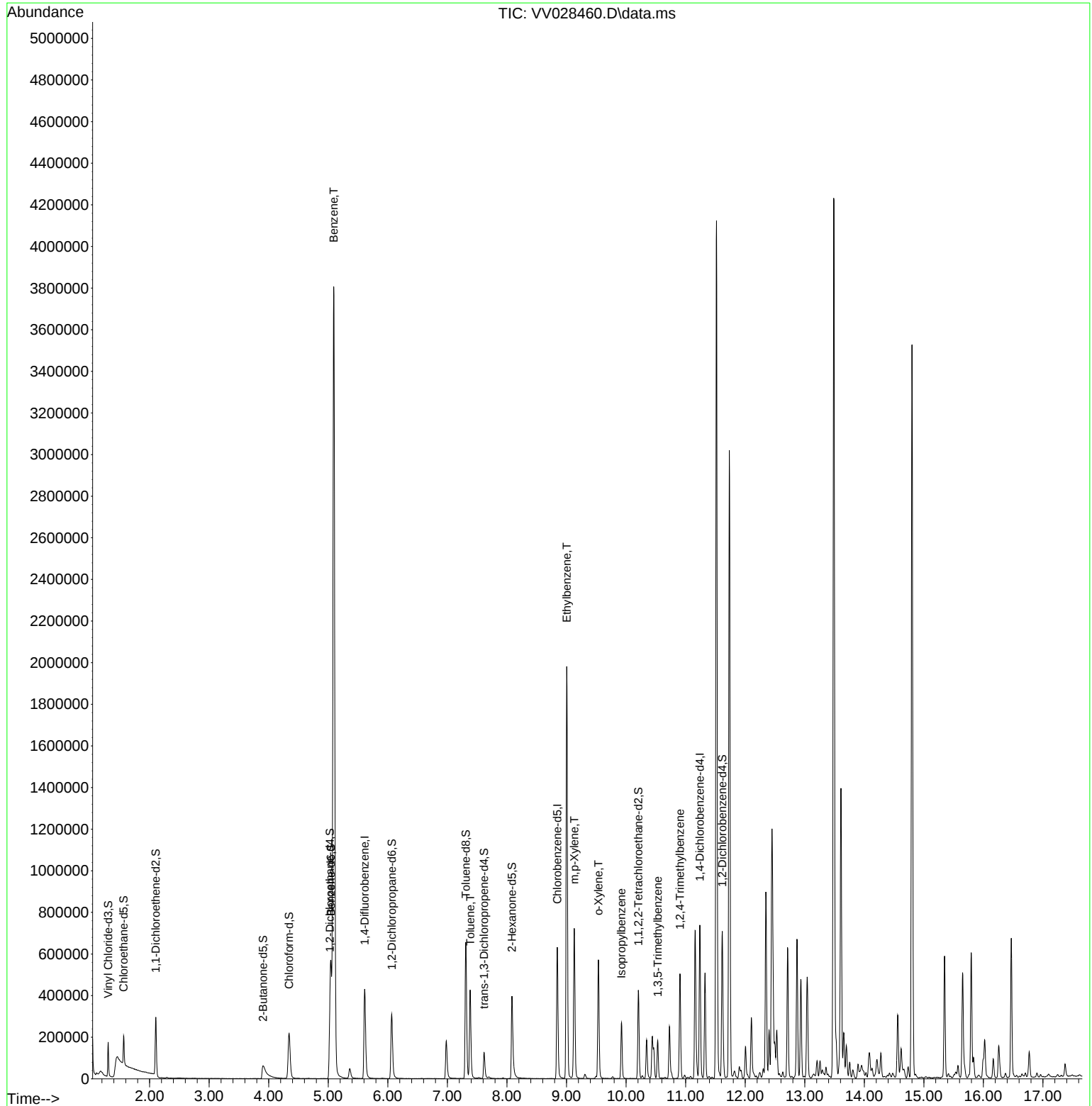
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
Data File : VV028460.D
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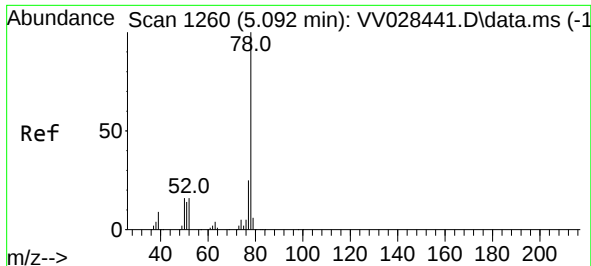
Instrument :
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Quant Title : VOC Analysis
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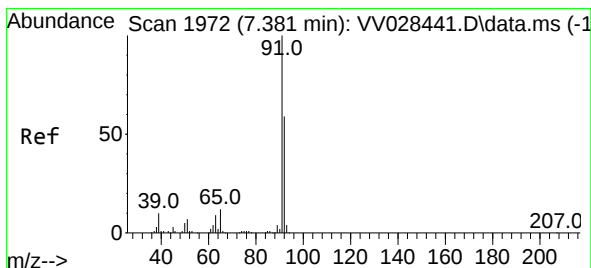
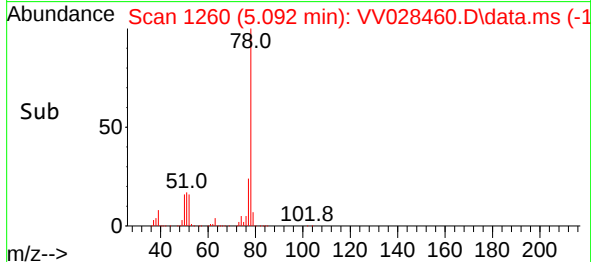
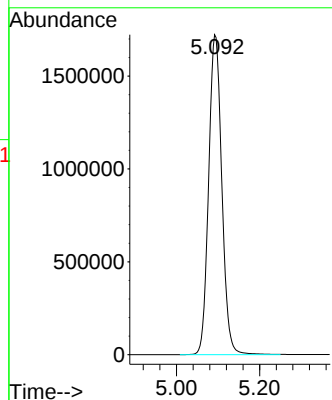
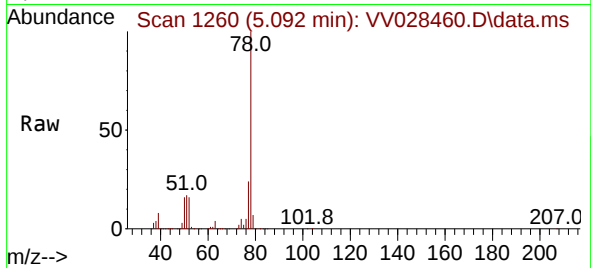
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Benzene
Concen: 337.551 ug/L
RT: 5.092 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 78 Resp: 3782000

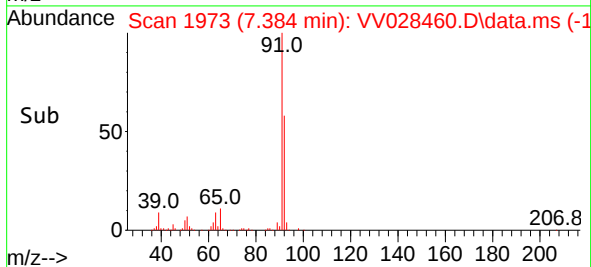
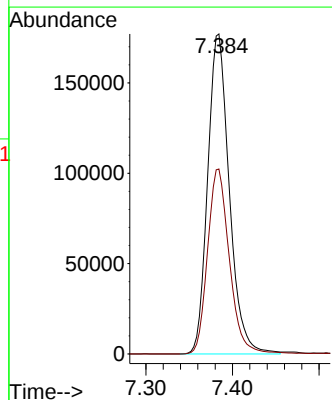
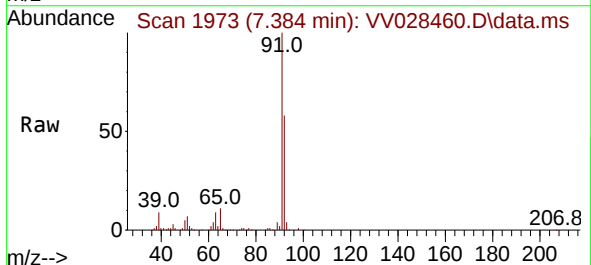
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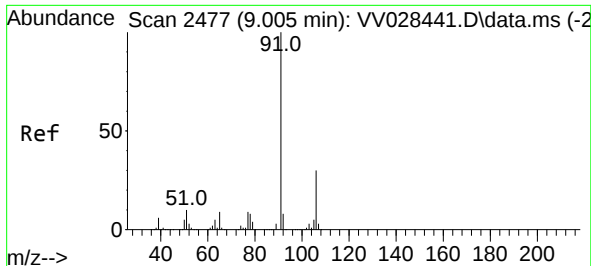
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#42
Toluene
Concen: 26.571 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion: 91 Resp: 306858
Ion Ratio Lower Upper
91 100
92 57.8 40.9 76.0





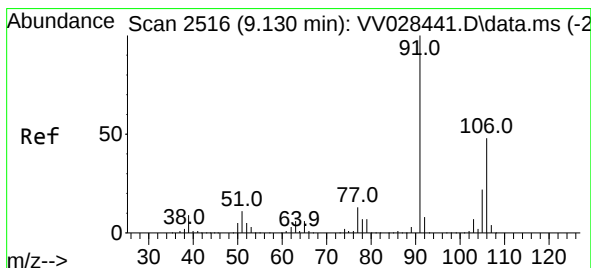
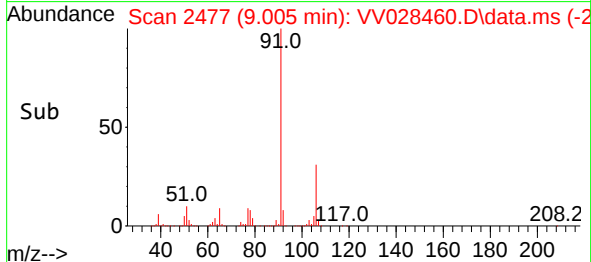
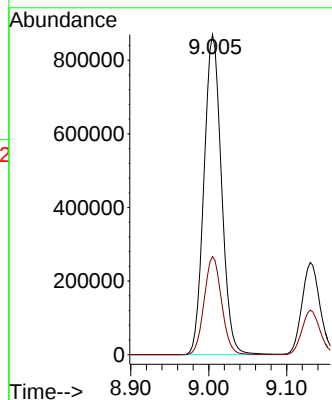
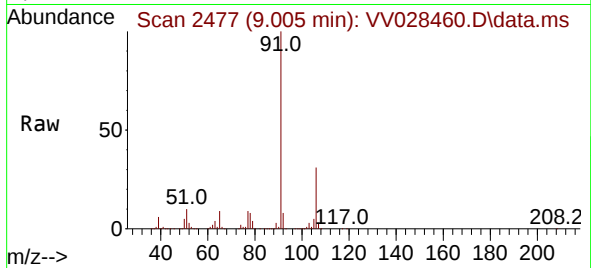
#52
Ethylbenzene
Concen: 107.596 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
ClientSampleId :
E10005

Tgt Ion: 91 Resp: 135435
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8

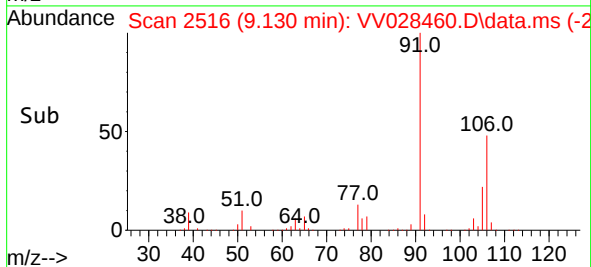
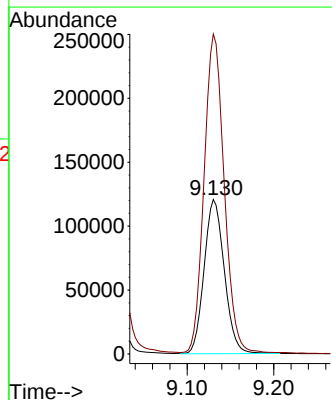
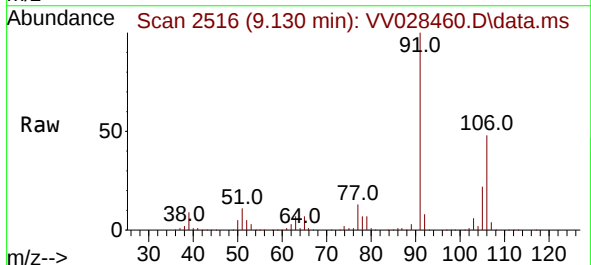
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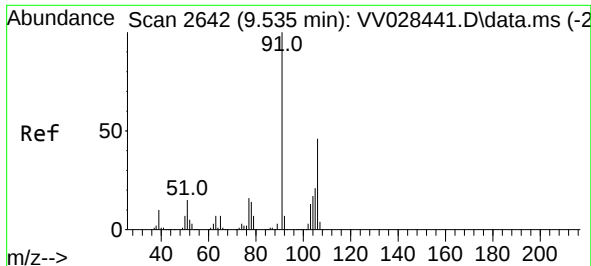
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#53
m,p-Xylene
Concen: 40.991 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Tgt Ion:106 Resp: 195571
Ion Ratio Lower Upper
106 100
91 207.2 145.2 269.6





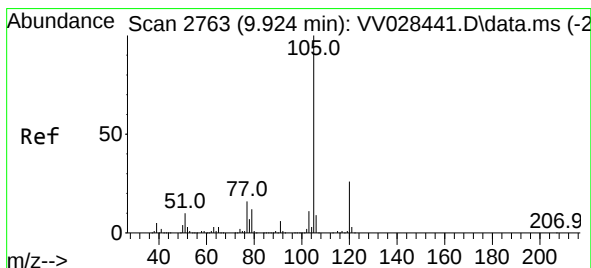
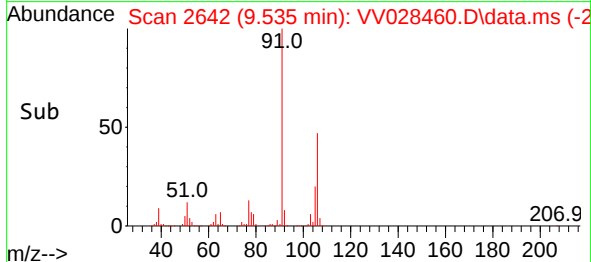
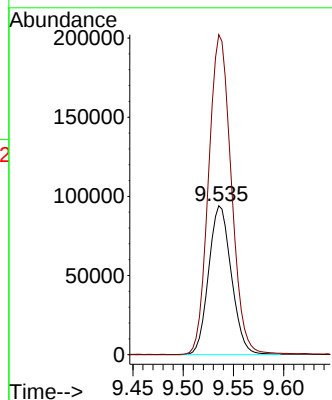
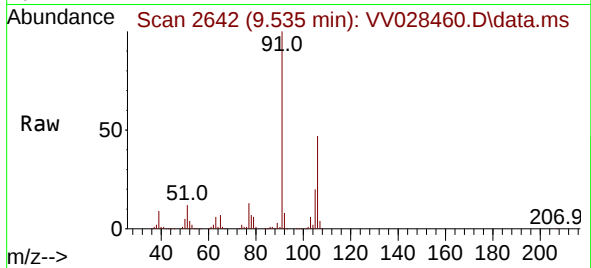
#54
o-Xylene
Concen: 30.955 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

Instrument :
MSVOA_V
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E10005

Tgt Ion:106 Resp: 147878
Ion Ratio Lower Upper
106 100
91 214.8 152.5 283.3

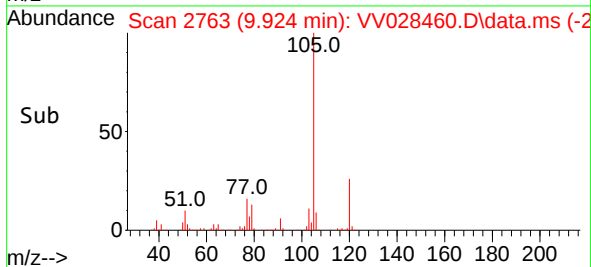
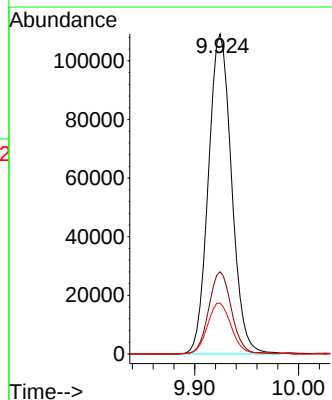
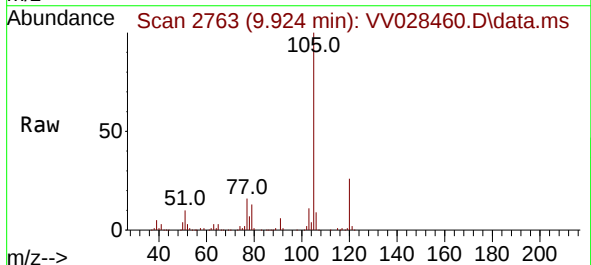
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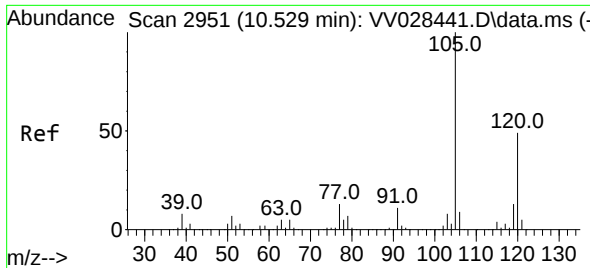
Reviewed By :Krupa Patel 10/10/2022
Supervised By :Mahesh Dadoda 10/10/2022



#60
Isopropylbenzene
Concen: 13.164 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

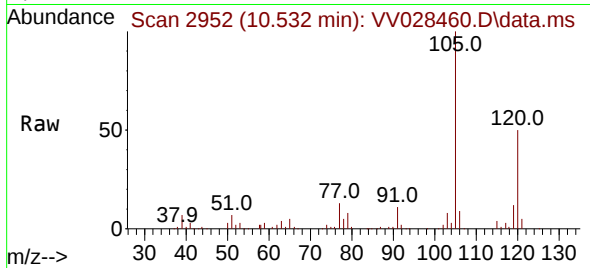
Tgt Ion:105 Resp: 169569
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.4 12.7 19.1





#62
1,3,5-Trimethylbenzene
Concen: 8.318 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39

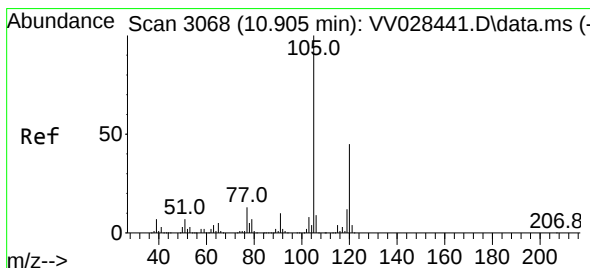
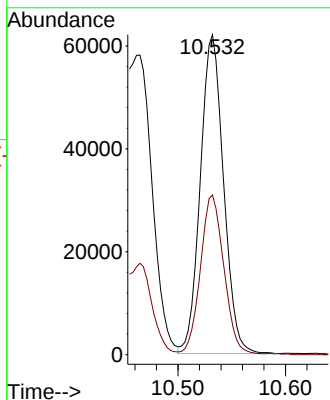
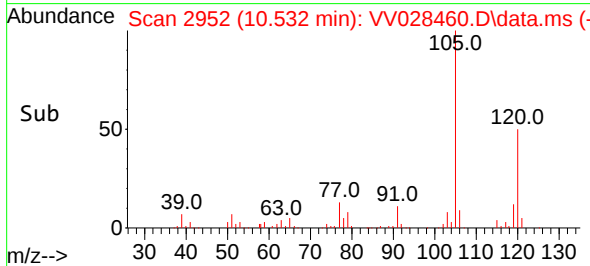
Instrument :
MSVOA_V
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E10005



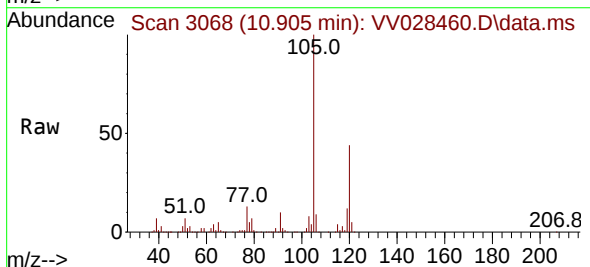
Tgt Ion:105 Resp: 9279
Ion Ratio Lower Upper
105 100
120 50.0 39.1 58.7

Manual Integrations
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Supervised By :Mahesh Dadoda 10/10/2022



#63
1,2,4-Trimethylbenzene
Concen: 24.060 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028460.D
Acq: 09 Oct 2022 00:39



Tgt Ion:105 Resp: 266423
Ion Ratio Lower Upper
105 100
120 44.3 35.9 53.9

