

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051142.D
 Acq On : 05 Oct 2022 21:55
 Operator : JC/MD
 Sample : N4889-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ59

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/06/2022
 Supervised By :Mahesh Dadoda 10/08/2022

Quant Time: Oct 06 06:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 06:20:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	402303	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	422566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	230511	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	141006	34.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.160%		
7) Chloroethane-d5	1.900	69	135766	35.847	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.700%		
11) 1,1-Dichloroethene-d2	2.562	63	181797	30.186	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.380%		
21) 2-Butanone-d5	4.620	46	238912	90.347	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.350%		
24) Chloroform-d	5.060	84	301336	45.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
26) 1,2-Dichloroethane-d4	5.700	65	196561	48.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.680%		
32) Benzene-d6	5.726	84	611593	49.424	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.840%		
36) 1,2-Dichloropropane-d6	6.690	67	210565	52.440	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.880%		
41) Toluene-d8	7.896	98	562732	49.220	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.440%		
43) trans-1,3-Dichloroprop...	8.179	79	83205	43.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.880%		
47) 2-Hexanone-d5	8.632	63	135977	83.867	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.870%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	340231	48.483	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.960%		
66) 1,2-Dichlorobenzene-d4	12.192	152	236346	47.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.000%		
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.867	63	24900	4.295	ug/L	97
29) Cyclohexane	5.385	56	45105	10.962	ug/L	95
35) Methylcyclohexane	6.761	83	211387	46.546	ug/L	88
52) Ethylbenzene	9.571	91	3514277	240.435	ug/L	99
53) m,p-Xylene	9.690	106	23059734m	4195.405	ug/L	
61) Isopropylbenzene	10.485	105	736112	49.159	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	1158264	94.594	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	3286094	267.766	ug/L	99

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

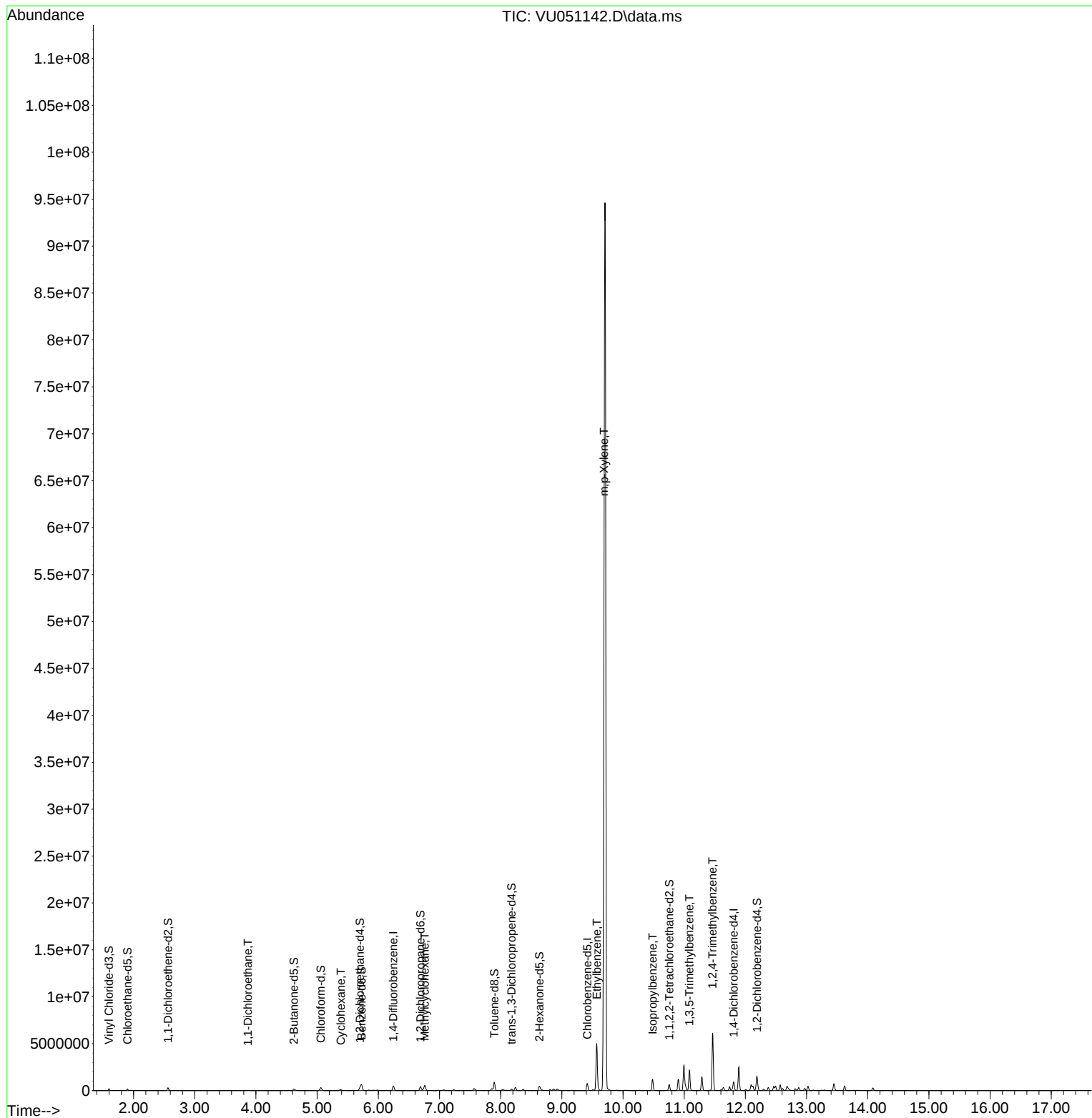
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
Data File : VU051142.D
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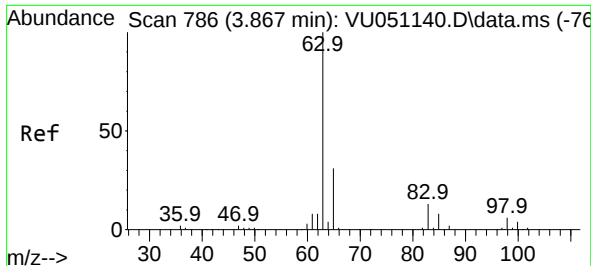
Instrument :
MSVOA_U
ClientSampleId :
EXZ59

Quant Time: Oct 06 06:30:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 06 06:20:30 2022
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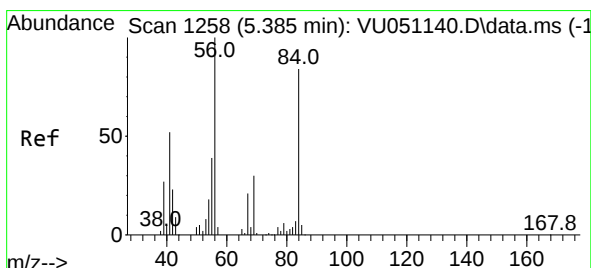
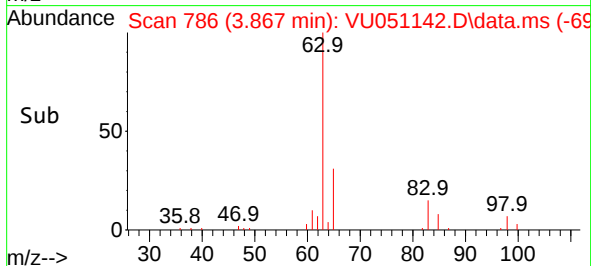
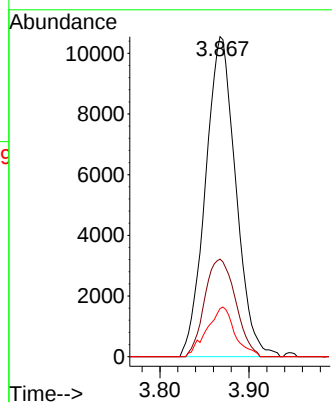
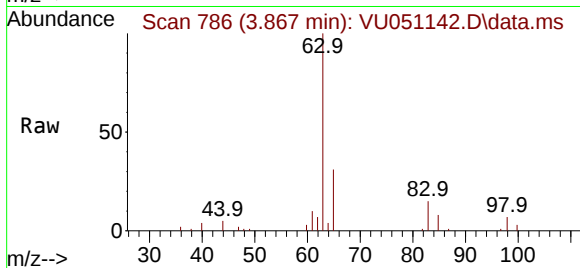
#19
1,1-Dichloroethane
Concen: 4.295 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :
EXZ59

Tgt Ion: 63 Resp: 24900
Ion Ratio Lower Upper
63 100
65 30.5 22.6 42.0
83 15.0 9.4 17.4

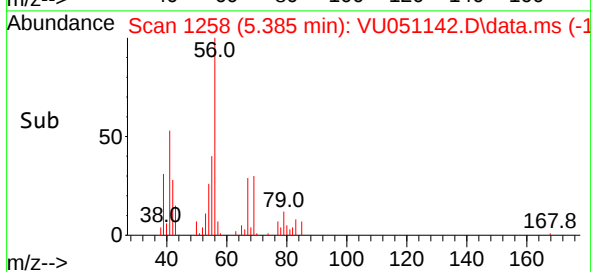
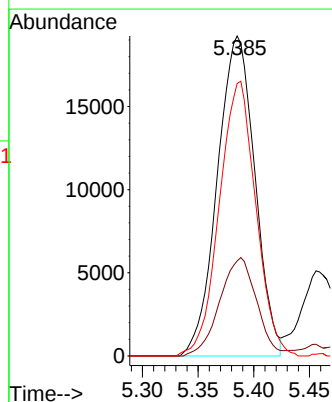
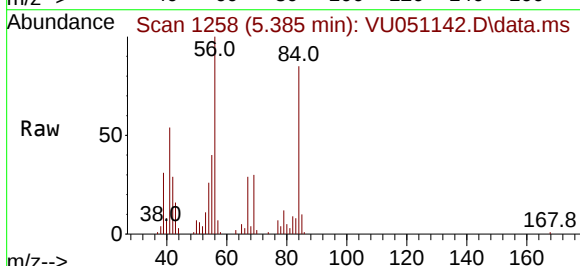
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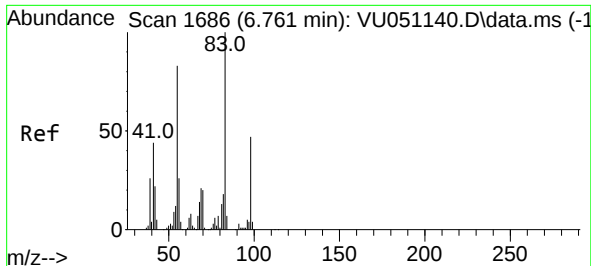
Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022



#29
Cyclohexane
Concen: 10.962 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Tgt Ion: 56 Resp: 45105
Ion Ratio Lower Upper
56 100
69 30.0 24.8 37.2
84 83.4 71.8 107.6





#35

Methylcyclohexane

Concen: 46.546 ug/L

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051142.D

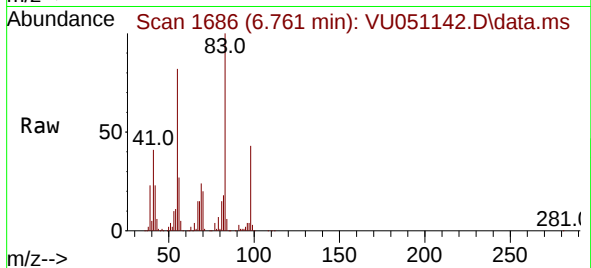
Acq: 05 Oct 2022 21:55

Instrument :

MSVOA_U

ClientSampleId :

EXZ59



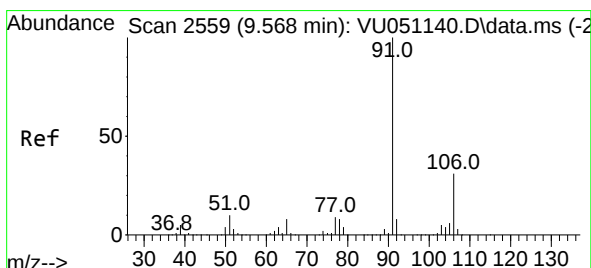
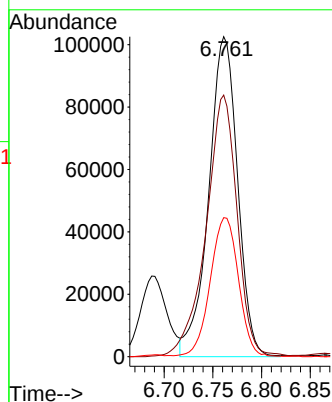
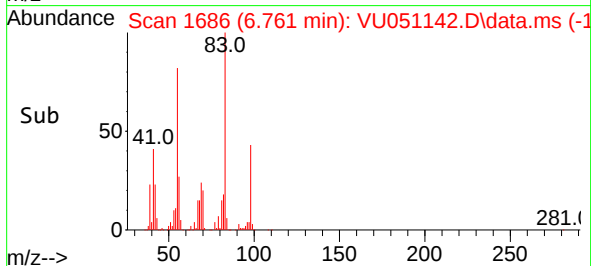
Tgt Ion:	83	Resp:	21138
Ion	Ratio	Lower	Upper
83	100		
55	88.1	59.3	88.9
98	42.6	36.0	54.0

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#52

Ethylbenzene

Concen: 240.435 ug/L

RT: 9.571 min Scan# 2560

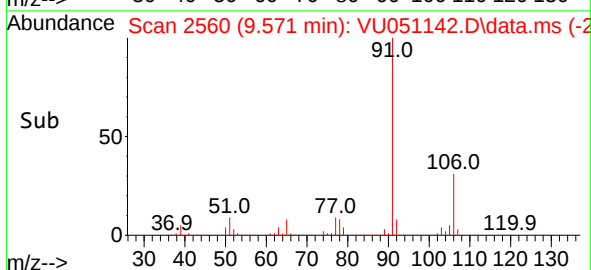
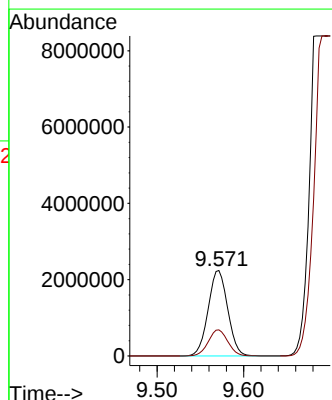
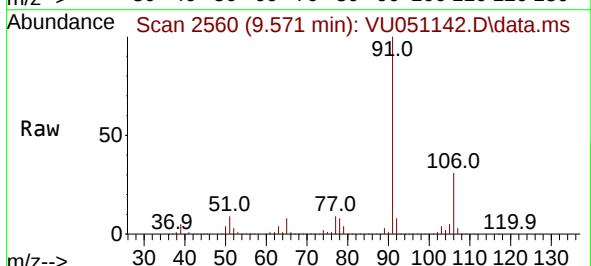
Delta R.T. 0.003 min

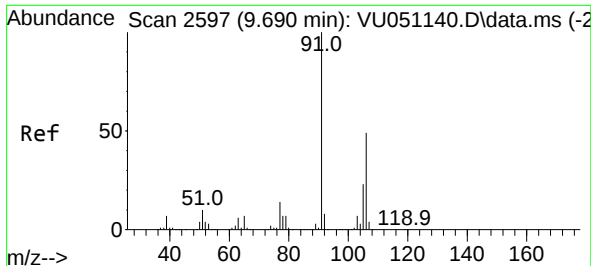
Lab File: VU051142.D

Acq: 05 Oct 2022 21:55

Tgt Ion: 91 Resp: 3514277

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.7	40.3





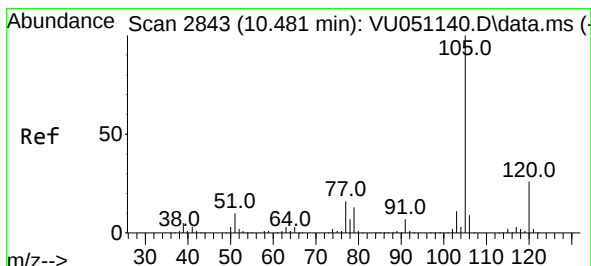
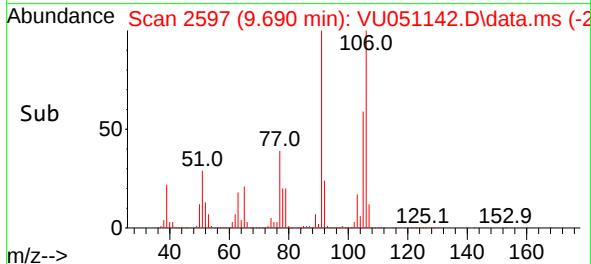
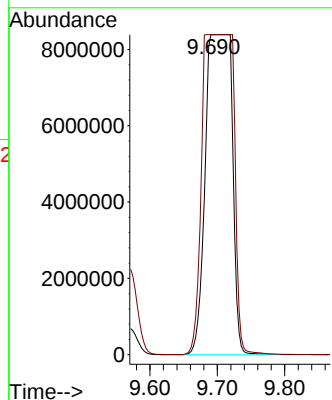
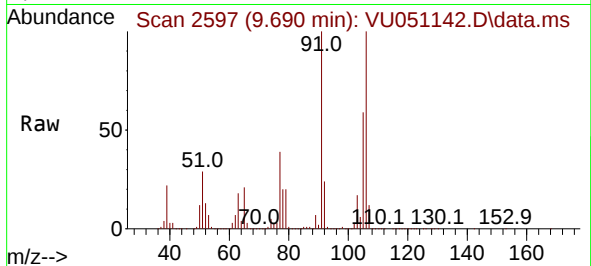
#53
m,p-Xylene
Concen: 4195.405 ug/L m
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

Instrument :
MSVOA_U
ClientSampleId :
EXZ59

Tgt Ion:106 Resp:23059734
Ion Ratio Lower Upper
106 100
91 100.0 141.9 263.5

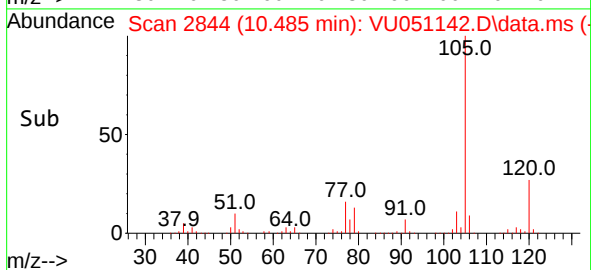
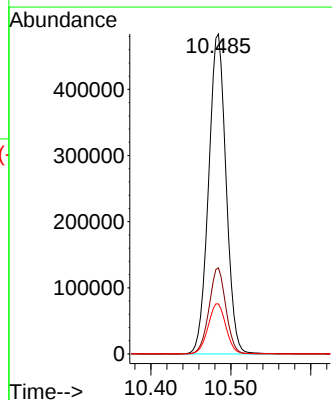
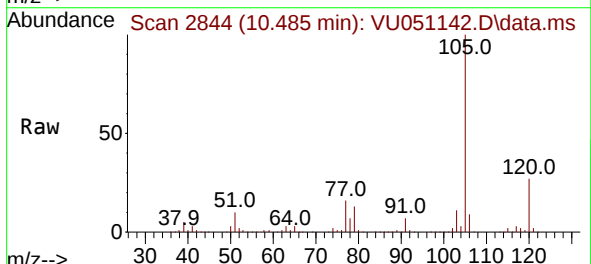
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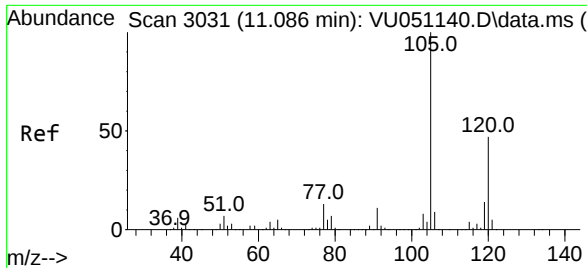
Reviewed By :Krupa Patel 10/06/2022
Supervised By :Mahesh Dadoda 10/08/2022



#61
Isopropylbenzene
Concen: 49.159 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

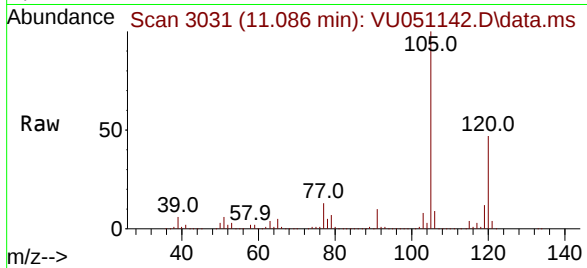
Tgt Ion:105 Resp: 736112
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 15.9 12.8 19.2





#62
1,3,5-Trimethylbenzene
Concen: 94.594 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55

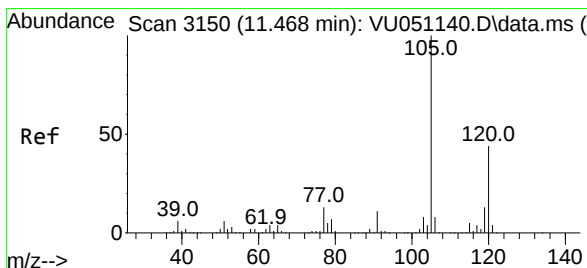
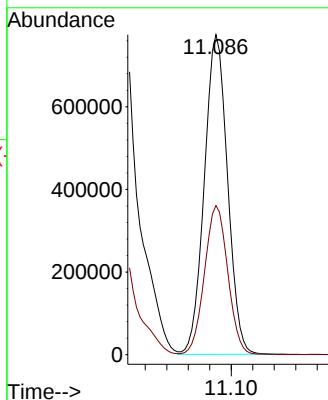
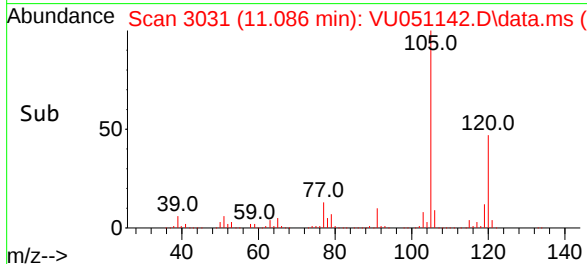
Instrument :
MSVOA_U
ClientSampleId :
EXZ59



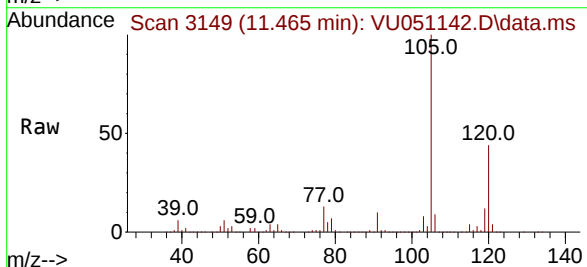
Tgt Ion:105 Resp: 1158264
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

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#63
1,2,4-Trimethylbenzene
Concen: 267.766 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051142.D
Acq: 05 Oct 2022 21:55



Tgt Ion:105 Resp: 3286094
Ion Ratio Lower Upper
105 100
120 43.9 35.5 53.3

