

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
 Data File : VU052764.D
 Acq On : 20 Jan 2023 16:42
 Operator : JC/MD
 Sample : 01216-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH206

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/27/2023

Quant Time: Jan 21 01:56:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 21 01:44:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.301	114	126838	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.436	117	123824	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.816	152	80701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43003	3.859	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	77.200%		
7) Chloroethane-d5	1.938	69	38161	4.204	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.000%		
11) 1,1-Dichloroethene-d2	2.620	65	19551	3.984	ug/L	0.05
Spiked Amount 5.000	Range 60 - 125		Recovery =	79.600%		
20) 2-Butanone-d5	4.764	46	109100	36.617	ug/L	0.12
Spiked Amount 50.000	Range 40 - 130		Recovery =	73.240%		
24) Chloroform-d	5.112	84	87585	4.214	ug/L	0.05
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.200%		
26) 1,2-Dichloroethane-d4	5.716	65	52327	4.902	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.000%		
32) Benzene-d6	5.726	84	166292	4.143	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.800%		
36) 1,2-Dichloropropane-d6	6.771	67	61110	4.569	ug/L	0.08
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.400%		
41) Toluene-d8	7.941	98	164545	4.650	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.000%		
43) trans-1,3-Dichloroprop...	8.218	79	25957	5.219	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery =	104.400%		
46) 2-Hexanone-d5	8.674	63	132165	63.971	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery =	127.940%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	57765	5.641	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery =	112.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	77929	5.305	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	106.000%		
Target Compounds						
						Qvalue
22) cis-1,2-Dichloroethene	4.726	96	2417	0.201	ug/L	80
33) Benzene	5.771	78	507039	10.346	ug/L	100
42) Toluene	8.012	91	7102756	145.483	ug/L	97
52) Ethylbenzene	9.587	91	2010246	40.423	ug/L	98
53) m,p-Xylene	9.710	106	3065666	162.731	ug/L	96
54) o-Xylene	10.111	106	1361117	75.563	ug/L	99
55) Styrene	10.124	104	1229685	40.024	ug/L	95
60) Isopropylbenzene	10.491	105	109045m	1.906	ug/L	
62) 1,3,5-Trimethylbenzene	11.092	105	855886	18.760	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	2928606	63.721	ug/L	98

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

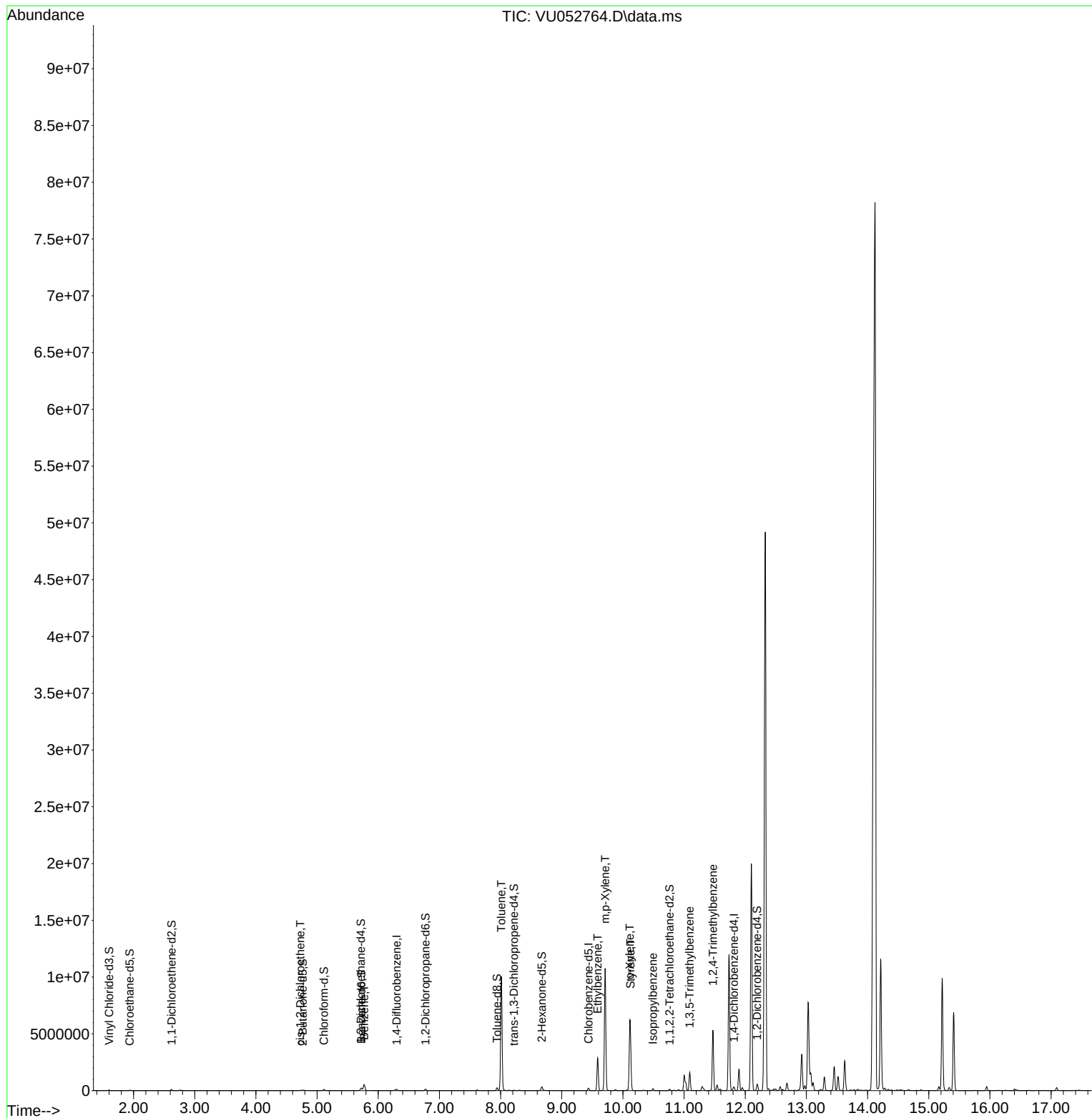
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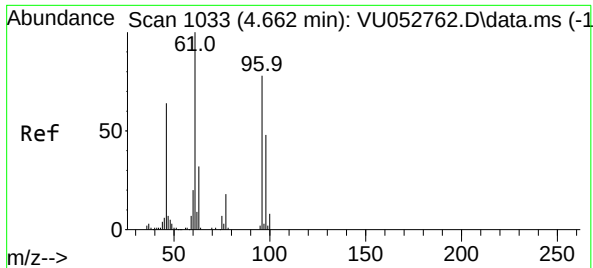
Instrument :
MSVOA_U
ClientSampleId :
BH206

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#22

cis-1,2-Dichloroethene

Concen: 0.201 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.064 min

Lab File: VU052764.D

Acq: 20 Jan 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

BH206

Tgt Ion: 96 Resp: 241

Ion Ratio Lower Upper

96 100

61 105.0 94.6 175.8

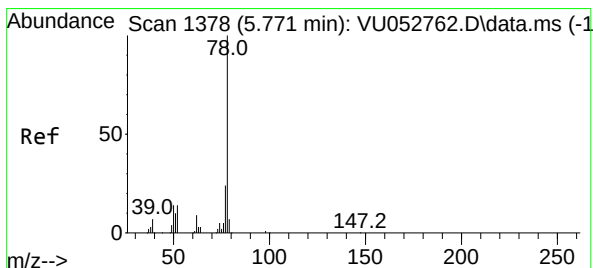
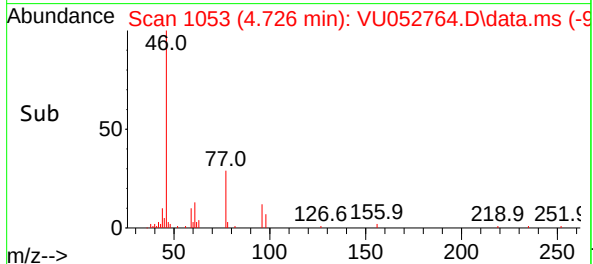
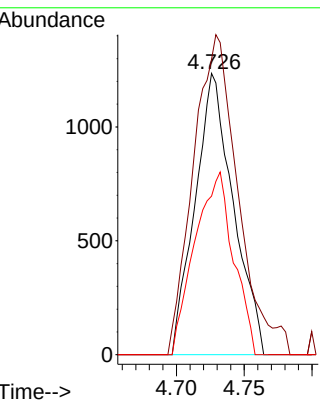
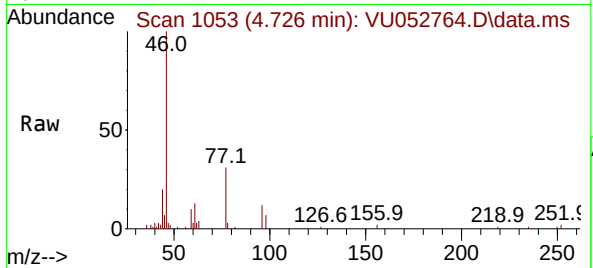
98 56.4 43.3 80.3

Manual Integrations

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#33

Benzene

Concen: 10.346 ug/L

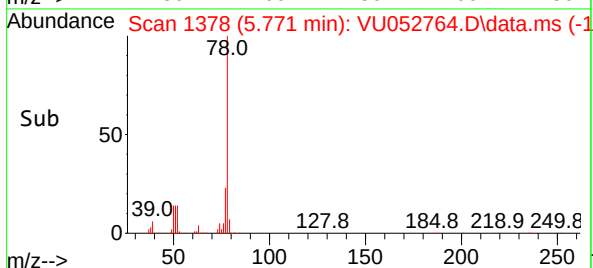
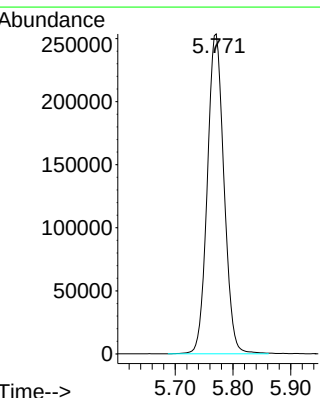
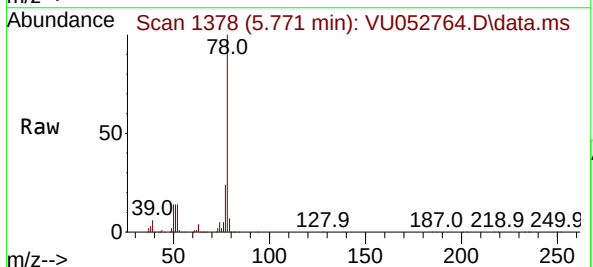
RT: 5.771 min Scan# 1378

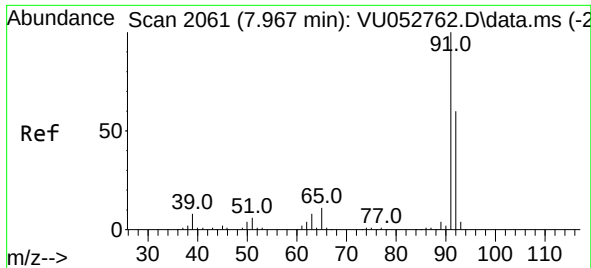
Delta R.T. -0.000 min

Lab File: VU052764.D

Acq: 20 Jan 2023 16:42

Tgt Ion: 78 Resp: 507039





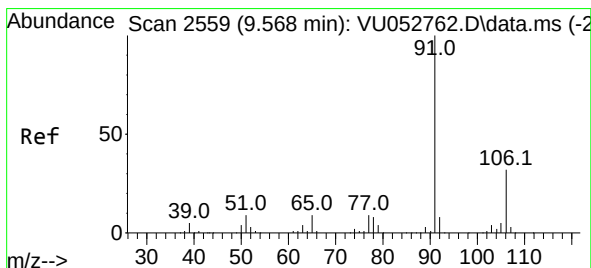
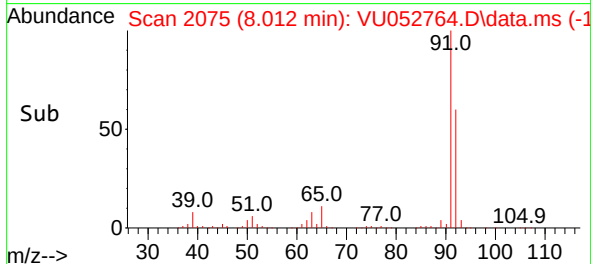
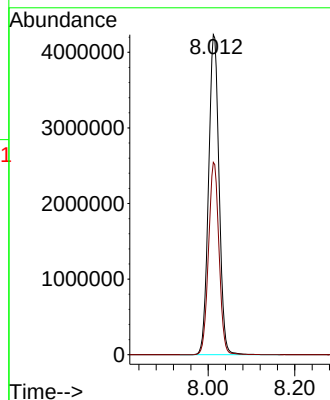
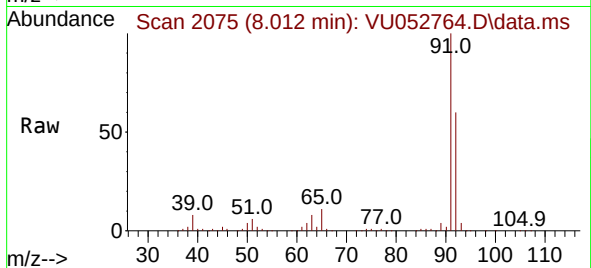
#42
Toluene
Concen: 145.483 ug/L
RT: 8.012 min Scan# 2061
Delta R.T. 0.045 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
BH206

Tgt Ion: 91 Resp: 7102750
Ion Ratio Lower Upper
91 100
92 60.1 40.5 75.1

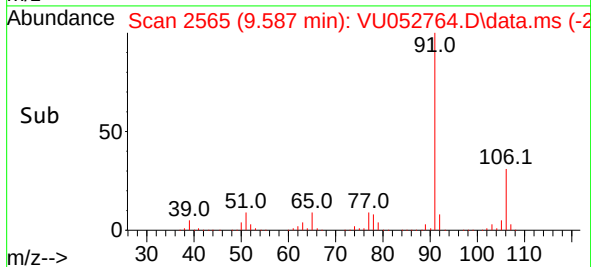
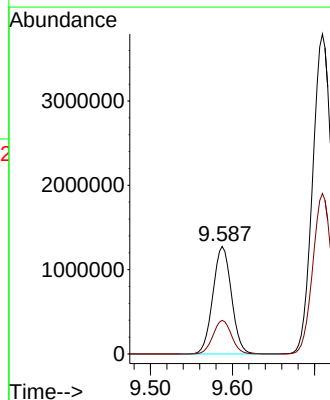
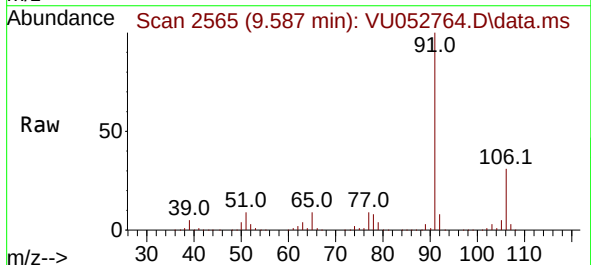
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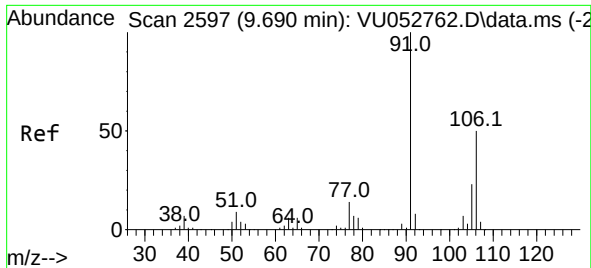
Reviewed By :Krupa Patel 01/27/2023
Supervised By :Mahesh Dadoda 01/27/2023



#52
Ethylbenzene
Concen: 40.423 ug/L
RT: 9.587 min Scan# 2565
Delta R.T. 0.019 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Tgt Ion: 91 Resp: 2010246
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.3





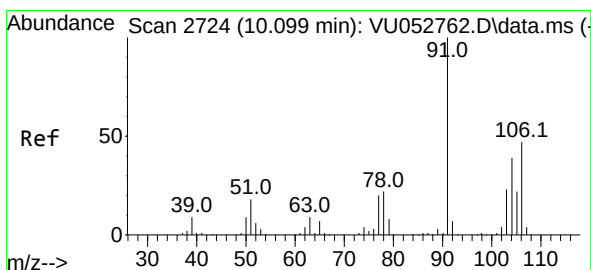
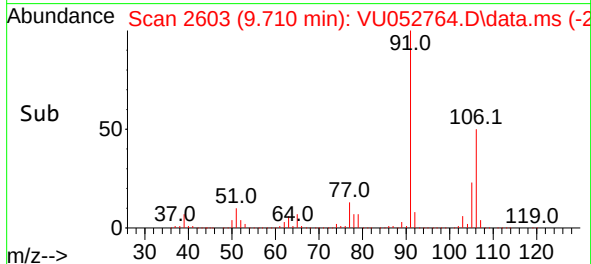
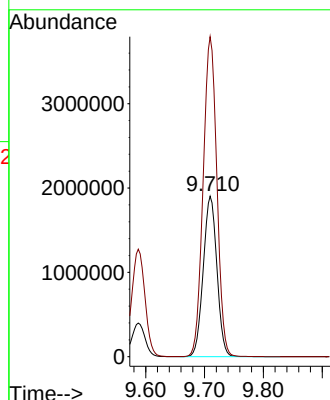
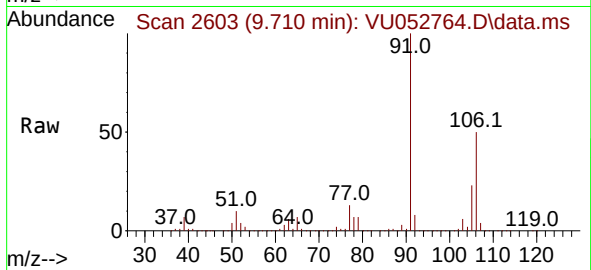
#53
m,p-Xylene
Concen: 162.731 ug/L
RT: 9.710 min Scan# 2603
Delta R.T. 0.019 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
BH206

Tgt Ion:106 Resp: 306566
Ion Ratio Lower Upper
106 100
91 199.4 144.3 267.9

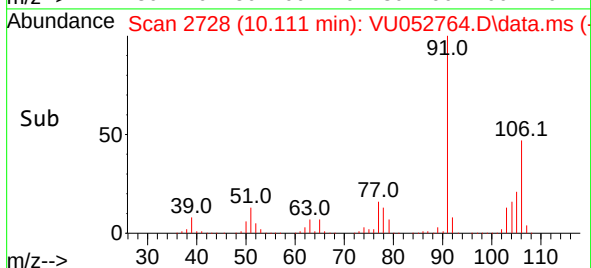
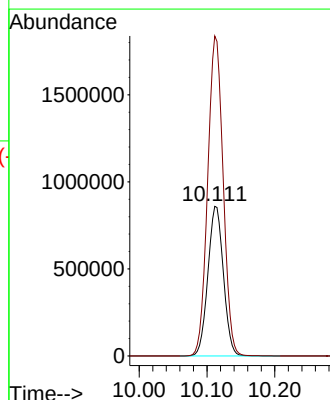
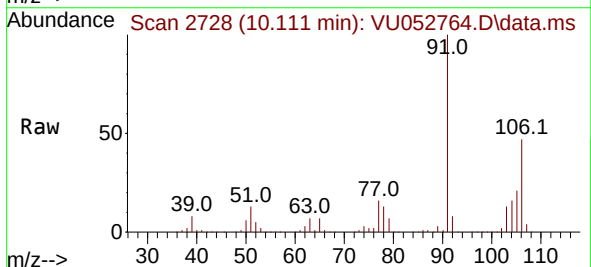
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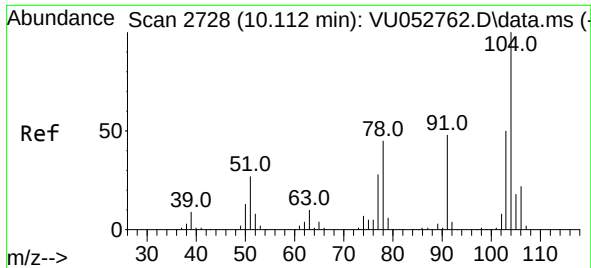
Reviewed By :Krupa Patel 01/27/2023
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#54
o-Xylene
Concen: 75.563 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.013 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Tgt Ion:106 Resp: 1361117
Ion Ratio Lower Upper
106 100
91 213.8 148.7 276.1





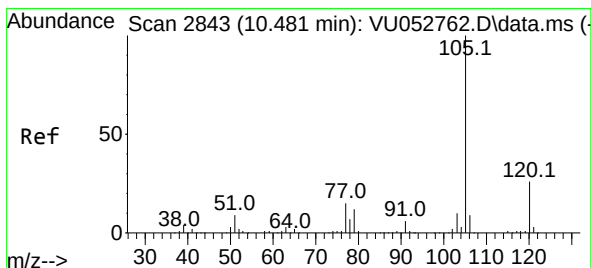
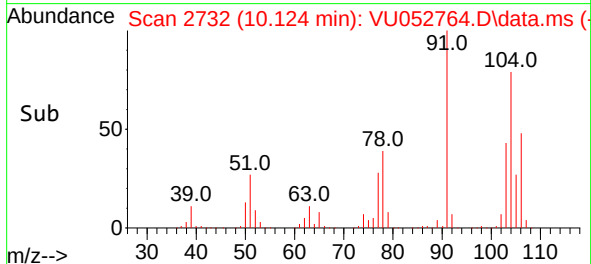
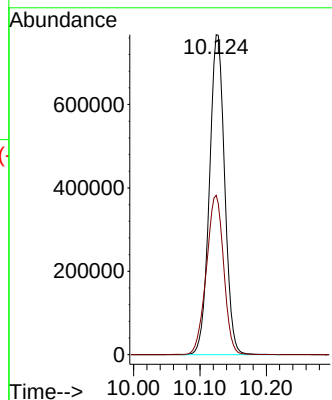
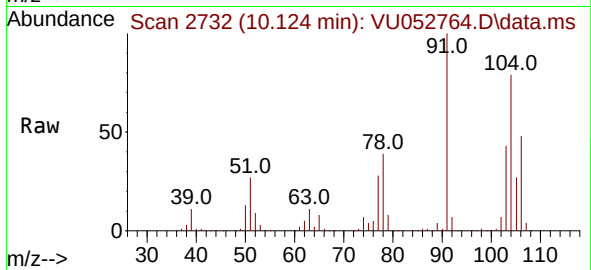
#55
Styrene
Concen: 40.024 ug/L
RT: 10.124 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
BH206

Tgt Ion:104 Resp: 122968
Ion Ratio Lower Upper
104 100
78 49.8 32.8 60.8

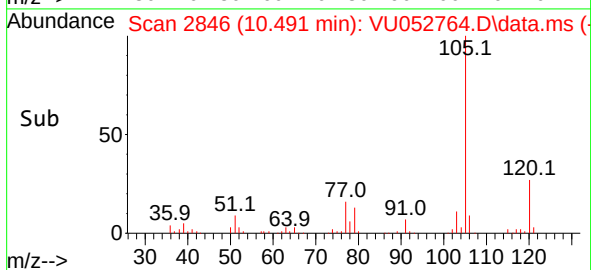
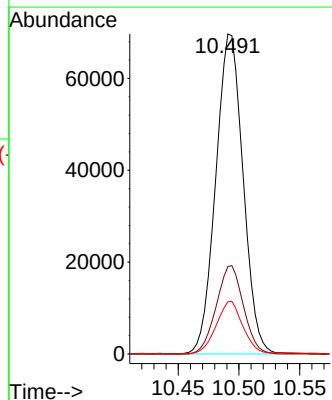
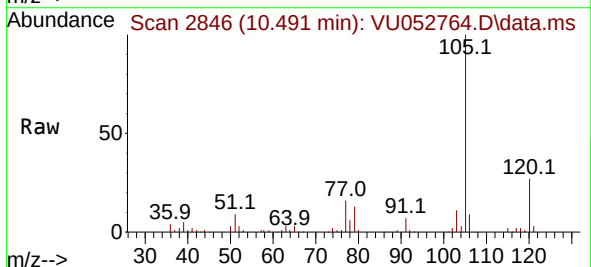
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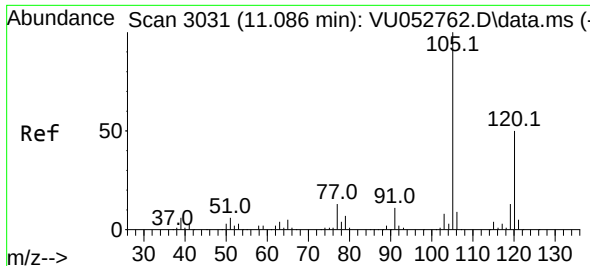
Reviewed By :Krupa Patel 01/27/2023
Supervised By :Mahesh Dadoda 01/27/2023



#60
Isopropylbenzene
Concen: 1.906 ug/L m
RT: 10.491 min Scan# 2846
Delta R.T. 0.010 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Tgt Ion:105 Resp: 109045
Ion Ratio Lower Upper
105 100
120 60.5 20.4 30.6#
77 32.7 13.2 19.8#





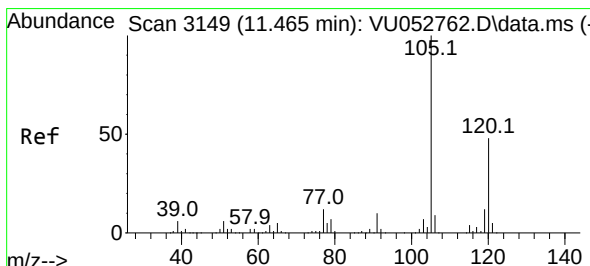
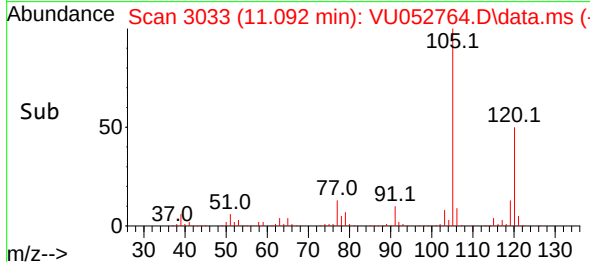
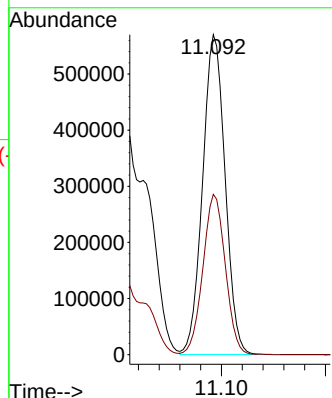
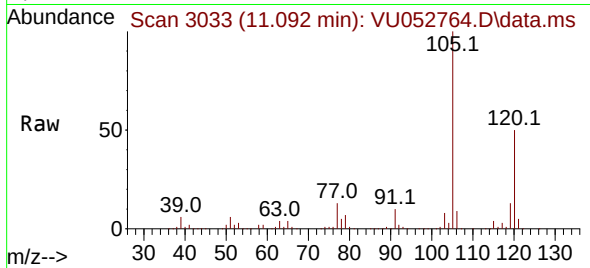
#62
1,3,5-Trimethylbenzene
Concen: 18.760 ug/L
RT: 11.092 min Scan# 3031
Delta R.T. 0.006 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 855880
Ion Ratio Lower Upper
105 100
120 49.8 39.0 58.6

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#63
1,2,4-Trimethylbenzene
Concen: 63.721 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VU052764.D
Acq: 20 Jan 2023 16:42

Tgt Ion:105 Resp: 2928606
Ion Ratio Lower Upper
105 100
120 46.4 35.9 53.9

