

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051201.D
 Acq On : 07 Oct 2022 03:13
 Operator : JC/MD
 Sample : N4890-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0D8

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 06:31:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	386744	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	385310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	186304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	145192	37.044	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.080%		
7) Chloroethane-d5	1.903	69	129742	35.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.260%		
11) 1,1-Dichloroethene-d2	2.562	63	169295	29.241	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.480%#		
21) 2-Butanone-d5	4.620	46	187761	73.861	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	73.860%		
24) Chloroform-d	5.060	84	262257	41.531	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.060%		
26) 1,2-Dichloroethane-d4	5.700	65	172227	44.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.120%		
32) Benzene-d6	5.726	84	526831	46.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.380%		
36) 1,2-Dichloropropane-d6	6.690	67	180560	49.315	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.640%		
41) Toluene-d8	7.896	98	425547	40.820	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.640%		
43) trans-1,3-Dichloroprop...	8.179	79	64078	36.693	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.380%		
47) 2-Hexanone-d5	8.632	63	81492	55.122	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	55.120%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	268689	41.990	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.980%		
66) 1,2-Dichlorobenzene-d4	12.192	152	182114	45.758	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.520%		
Target Compounds					Qvalue	
29) Cyclohexane	5.378	56	6964m	1.856	ug/L	
35) Methylcyclohexane	6.764	83	9633m	2.326	ug/L	
42) Toluene	7.967	91	28101	2.249	ug/L	96
52) Ethylbenzene	9.568	91	91096	6.835	ug/L	100
53) m,p-Xylene	9.697	106	12090	2.412	ug/L	98
54) o-Xylene	10.102	106	8082	1.613	ug/L	93
61) Isopropylbenzene	10.481	105	102688	8.485	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	22743	2.298	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	3068190	309.334	ug/L	99

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

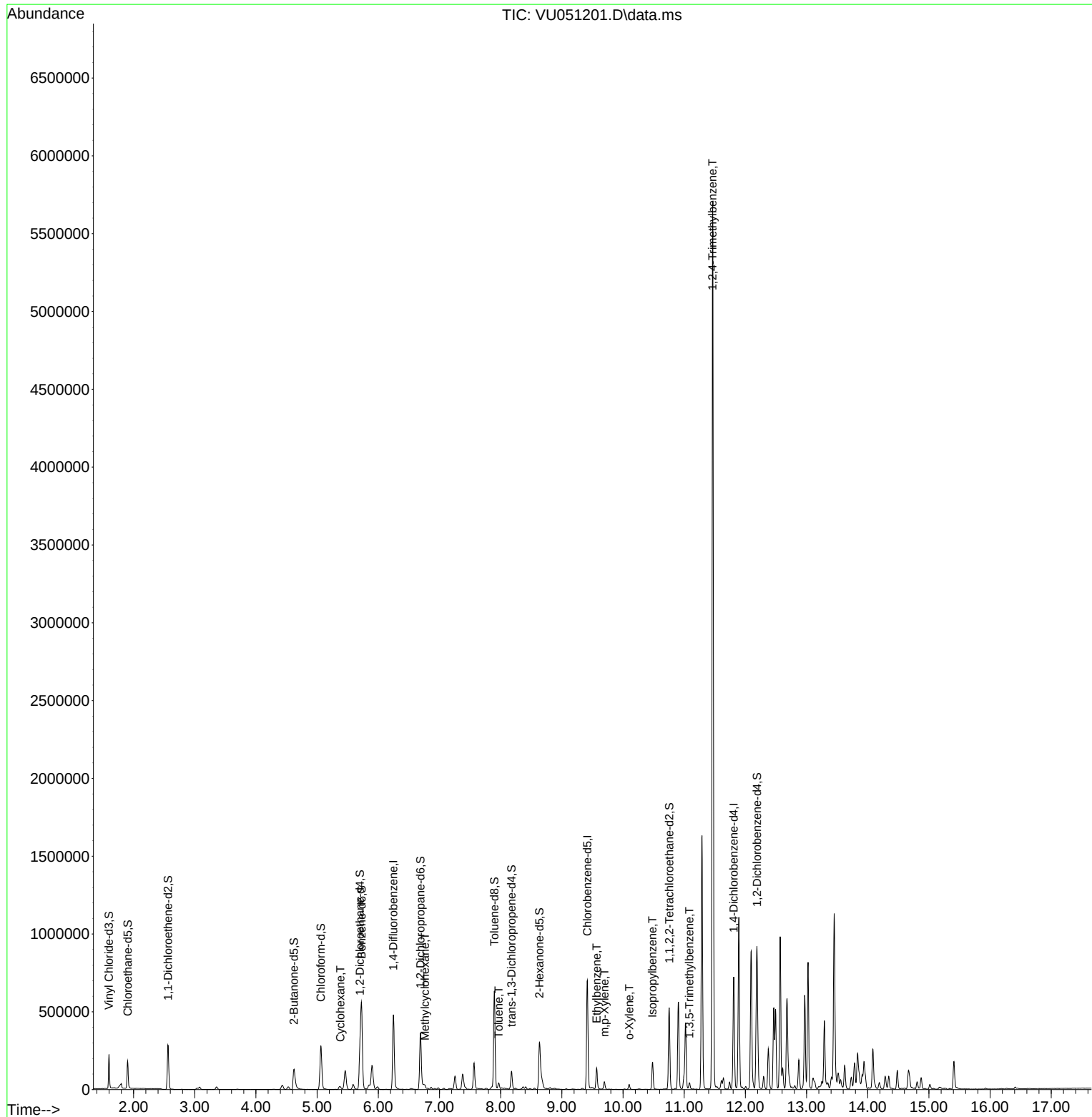
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051201.D
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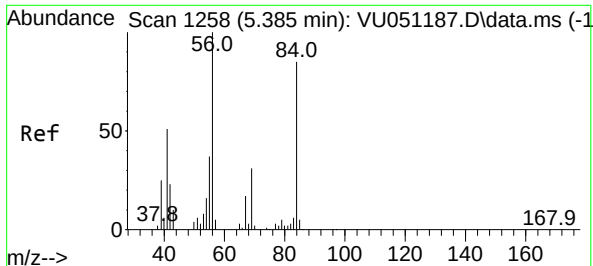
Instrument :
MSVOA_U
ClientSampleId :
EY0D8

Quant Time: Oct 07 06:31:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 07 02:51:40 2022
Response via : Initial Calibration

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#29

Cyclohexane

Concen: 1.856 ug/L m

RT: 5.378 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU051201.D

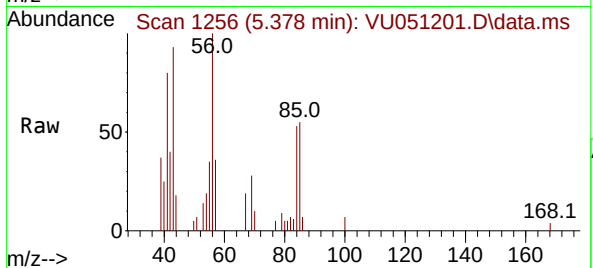
Acq: 07 Oct 2022 03:13

Instrument :

MSVOA_U

ClientSampleId :

EY0D8



Tgt Ion: 56 Resp: 6964

Ion Ratio Lower Upper

56 100

69 19.1 24.8 37.2

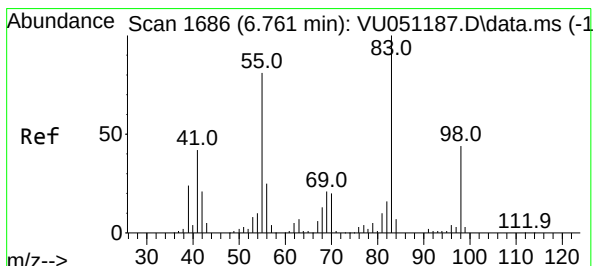
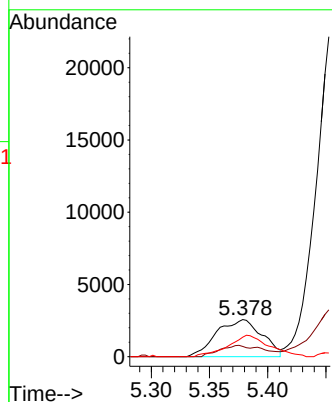
84 52.3 71.8 107.6

Manual Integrations

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#35

Methylcyclohexane

Concen: 2.326 ug/L m

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU051201.D

Acq: 07 Oct 2022 03:13

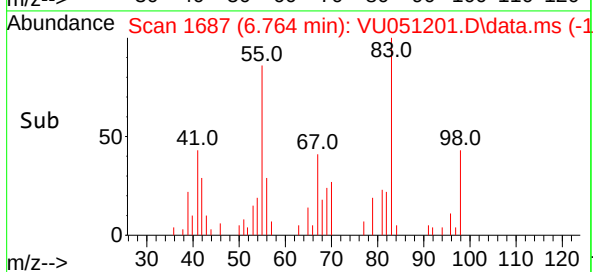
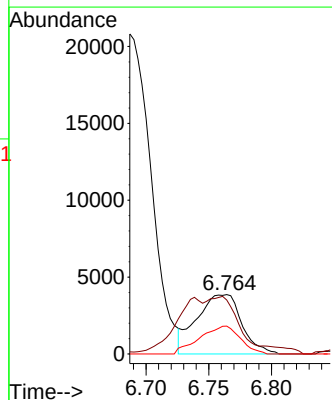
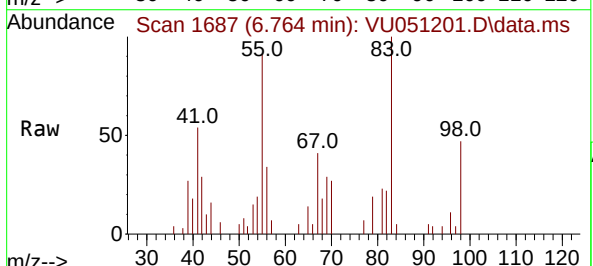
Tgt Ion: 83 Resp: 9633

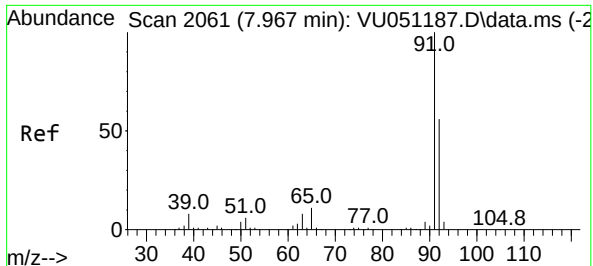
Ion Ratio Lower Upper

83 100

55 54.2 59.3 88.9

98 42.3 36.0 54.0





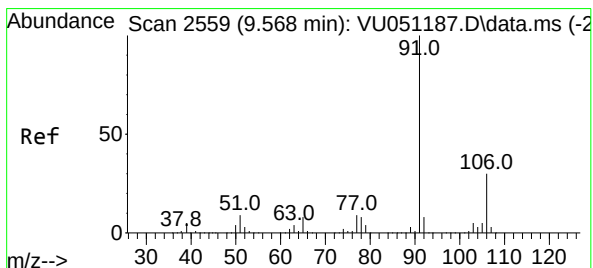
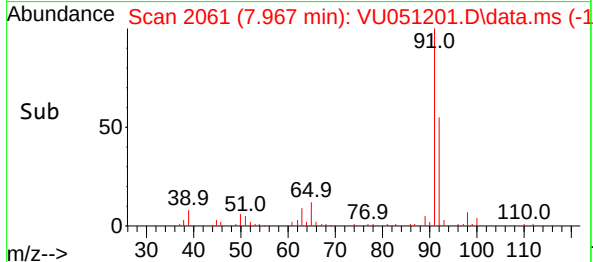
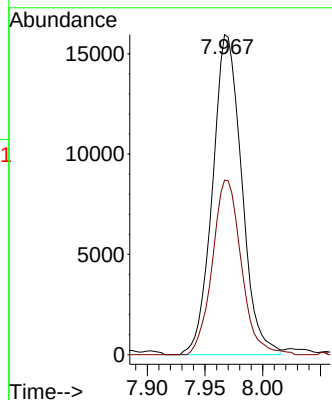
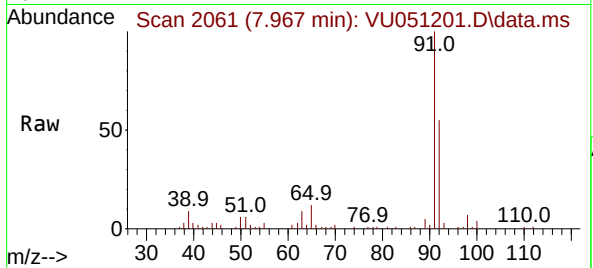
#42
Toluene
Concen: 2.249 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

Instrument : MSVOA_U
ClientSampleId : EY0D8

Tgt Ion: 91 Resp: 2810
Ion Ratio Lower Upper
91 100
92 54.6 40.1 74.5

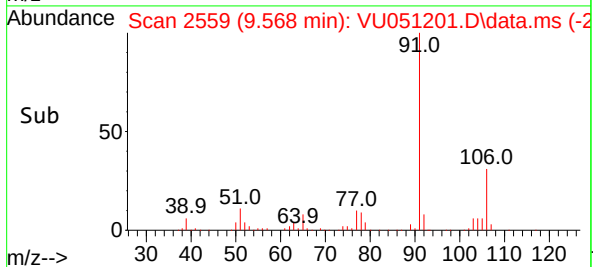
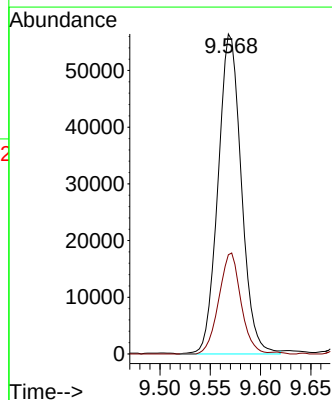
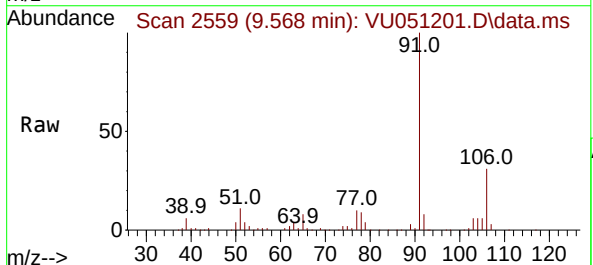
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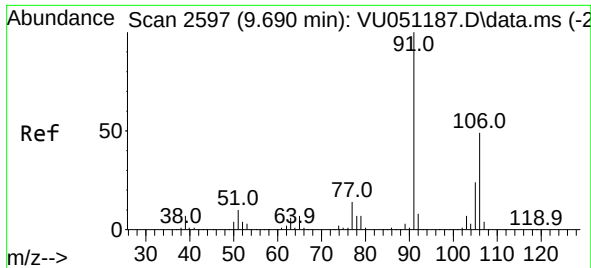
Reviewed By :Krupa Patel 10/08/2022
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#52
Ethylbenzene
Concen: 6.835 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

Tgt Ion: 91 Resp: 91096
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3





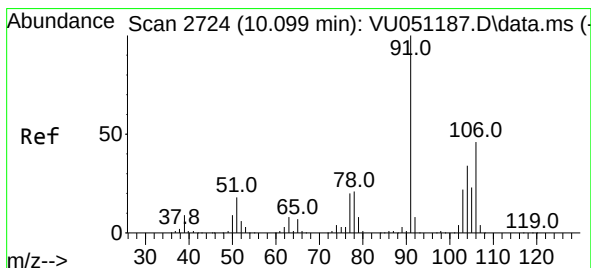
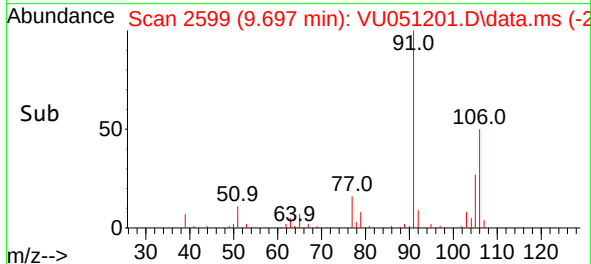
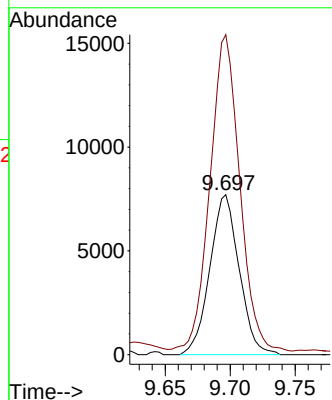
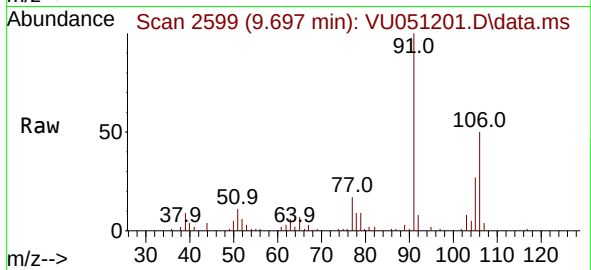
#53
m,p-Xylene
Concen: 2.412 ug/L
RT: 9.697 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

Instrument :
MSVOA_U
ClientSampleId :
EY0D8

Tgt Ion:106 Resp: 12090
Ion Ratio Lower Upper
106 100
91 200.0 141.9 263.5

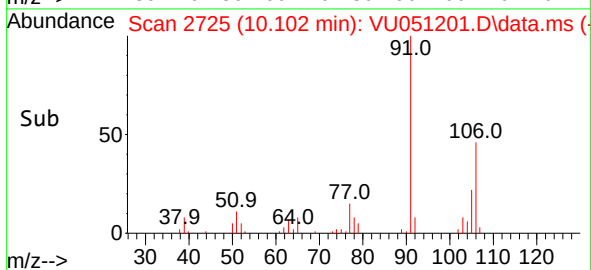
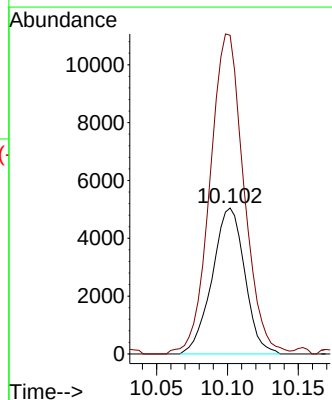
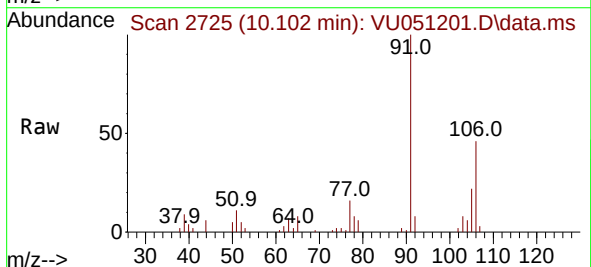
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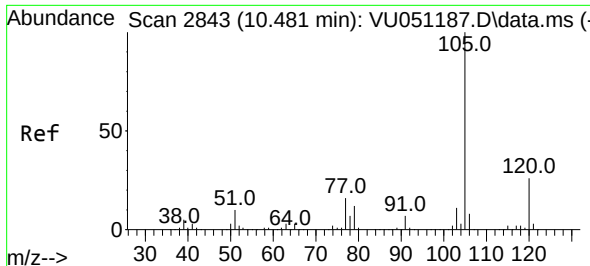
Reviewed By :Krupa Patel 10/08/2022
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#54
o-Xylene
Concen: 1.613 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

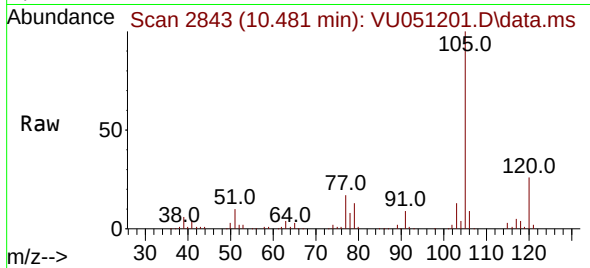
Tgt Ion:106 Resp: 8082
Ion Ratio Lower Upper
106 100
91 205.8 152.4 283.0





#61
Isopropylbenzene
Concen: 8.485 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13

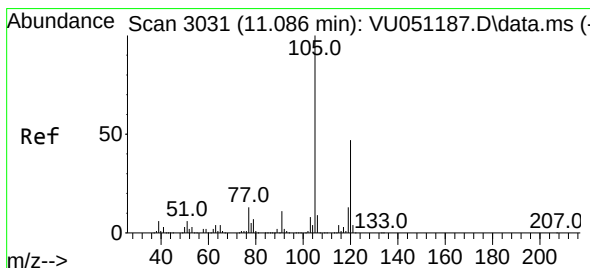
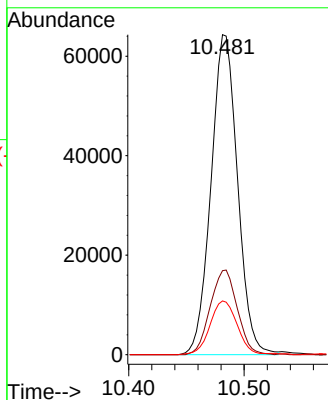
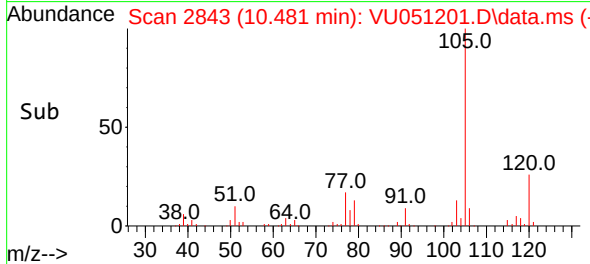
Instrument : MSVOA_U
ClientSampleId : EY0D8



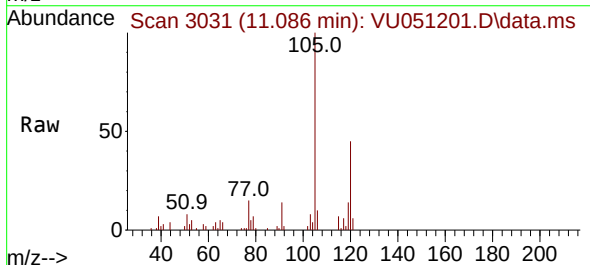
Tgt Ion:105 Resp: 102688
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 17.1 12.8 19.2

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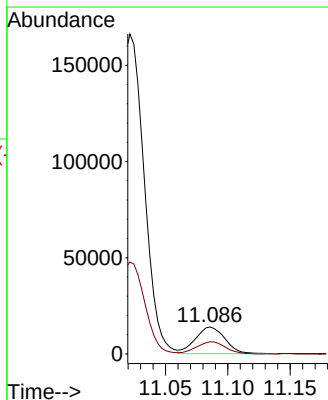
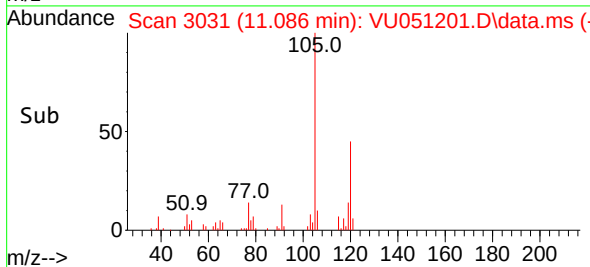
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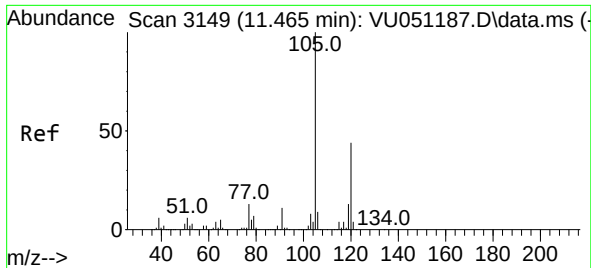


#62
1,3,5-Trimethylbenzene
Concen: 2.298 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051201.D
Acq: 07 Oct 2022 03:13



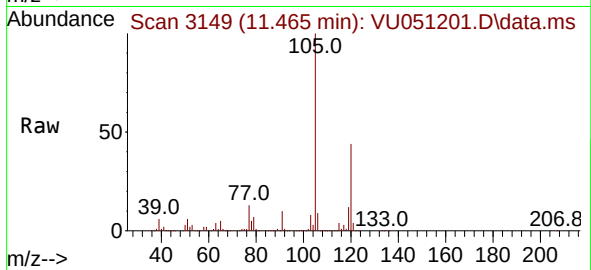
Tgt Ion:105 Resp: 22743
Ion Ratio Lower Upper
105 100
120 45.2 37.8 56.8





#63
 1,2,4-Trimethylbenzene
 Concen: 309.334 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051201.D
 Acq: 07 Oct 2022 03:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0D8



Tgt Ion:105 Resp: 3068190
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.5 53.3

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