

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052592.D
 Acq On : 28 Dec 2022 16:38
 Operator : JC/MD
 Sample : N6171-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD4

Quant Time: Dec 29 00:27:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/30/2022
 Supervised By :Mahesh Dadoda 12/30/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	7.009	114	162216m	5.000	ug/L	0.76
28) Chlorobenzene-d5	9.619	117	152674	5.000	ug/L	0.21
58) 1,4-Dichlorobenzene-d4	11.860	152	85392	5.000	ug/L	0.05
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.054	65	47818m	2.910	ug/L	0.45
Spiked Amount	5.000	Range 40 - 130	Recovery	=	58.200%	
7) Chloroethane-d5	2.668	69	46642m	3.291	ug/L	0.75
Spiked Amount	5.000	Range 65 - 130	Recovery	=	65.800%	
11) 1,1-Dichloroethene-d2	4.028	65	21747m	3.075	ug/L	1.46
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.600%	
20) 2-Butanone-d5	5.742	46	148192m	29.078	ug/L	1.11
Spiked Amount	50.000	Range 40 - 130	Recovery	=	58.160%	
24) Chloroform-d	6.185	84	92470m	3.335	ug/L	1.13
Spiked Amount	5.000	Range 70 - 125	Recovery	=	66.600%#	
26) 1,2-Dichloroethane-d4	6.629	65	52746m	3.280	ug/L	0.93
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
32) Benzene-d6	6.655	84	201325m	3.846	ug/L	0.93
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	7.353	67	64598m	3.585	ug/L	0.67
Spiked Amount	5.000	Range 60 - 140	Recovery	=	71.800%	
41) Toluene-d8	8.304	98	160181m	3.645	ug/L	0.41
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	8.520	79	20044m	3.249	ug/L	0.34
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.000%	
46) 2-Hexanone-d5	8.893	63	144271m	42.739	ug/L	0.26
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.480%	
56) 1,1,2,2-Tetrachloroeth...	10.838	84	65738	4.297	ug/L	0.09
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	12.233	152	68072	3.916	ug/L	0.04
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.400%#	
Target Compounds					Qvalue	
33) Benzene	6.687	78	264629m	4.812	ug/L	
54) o-Xylene	10.237	106	9557m	0.495	ug/L	
63) 1,2,4-Trimethylbenzene	11.938	105	81955m	1.784	ug/L	

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

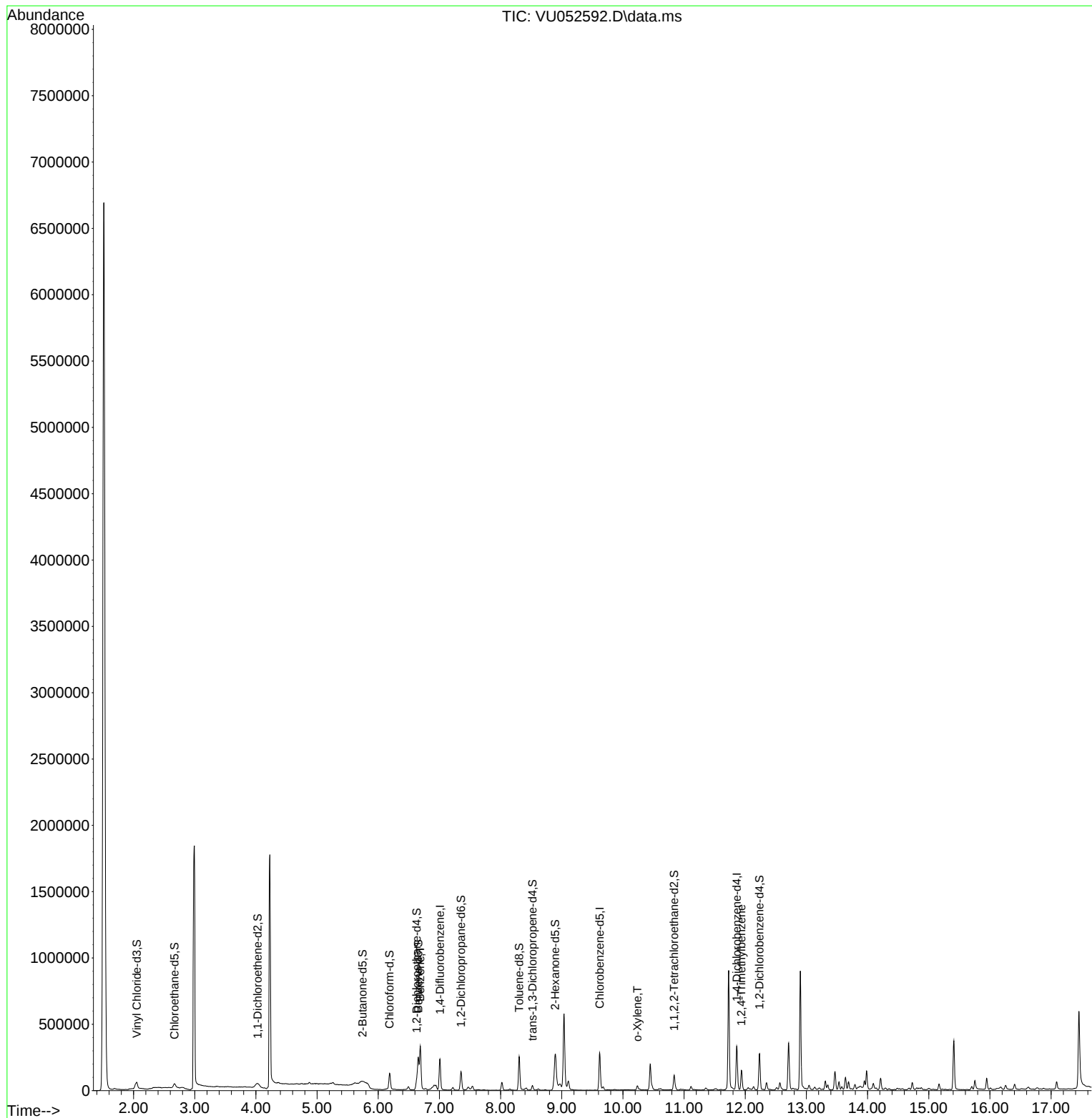
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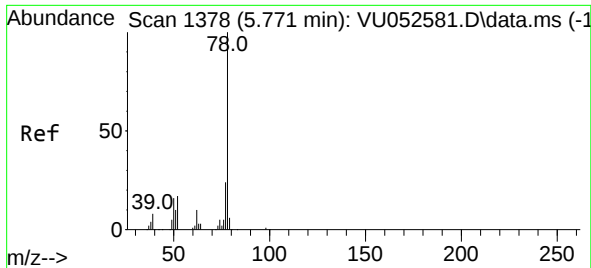
Instrument :
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ClientSampleId :
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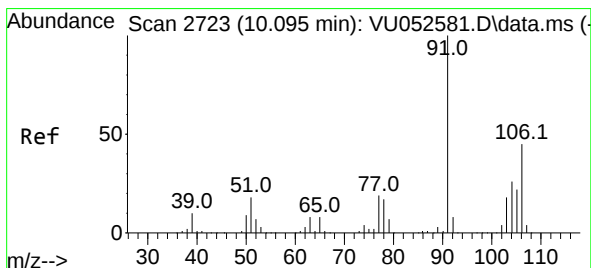
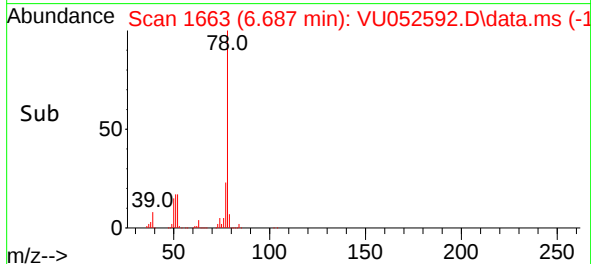
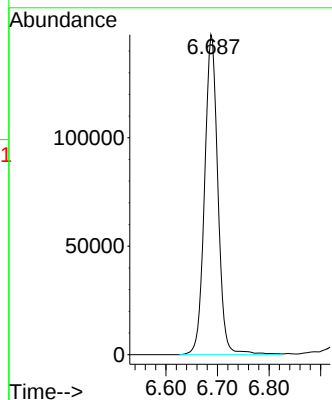
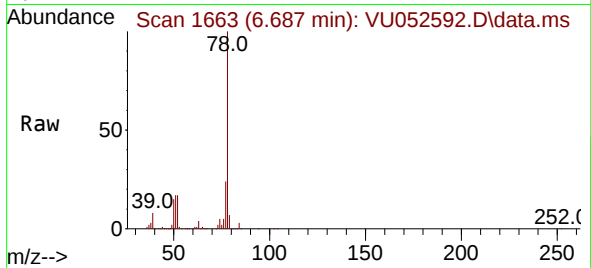
#33
Benzene
Concen: 4.812 ug/L m
RT: 6.687 min Scan# 1
Delta R.T. 0.916 min
Lab File: VU052592.D
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Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Tgt Ion: 78 Resp: 264629

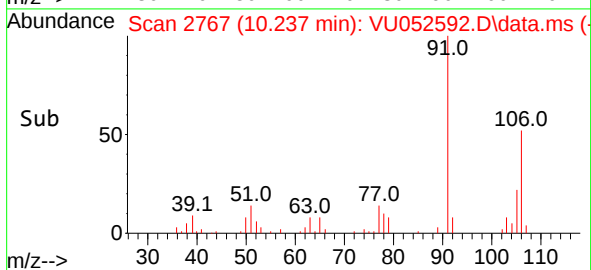
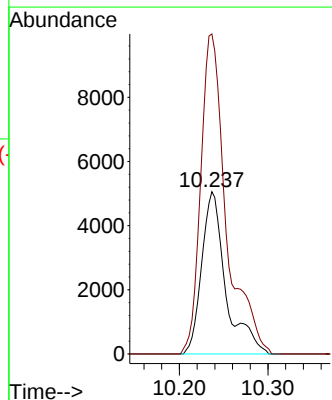
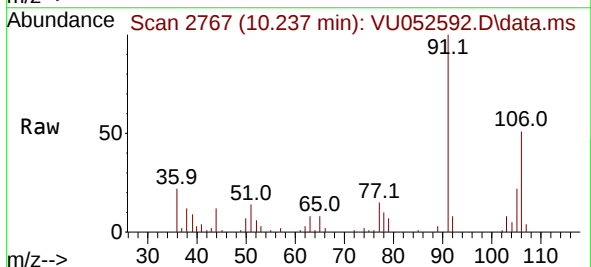
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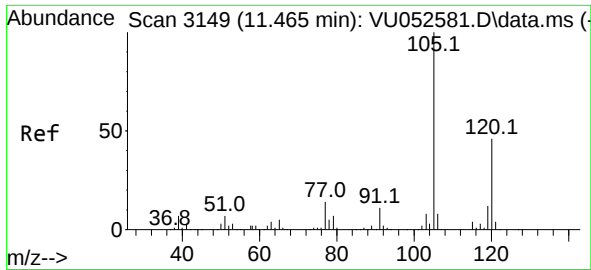
Reviewed By :Krupa Patel 12/30/2022
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#54
o-Xylene
Concen: 0.495 ug/L m
RT: 10.237 min Scan# 2767
Delta R.T. 0.141 min
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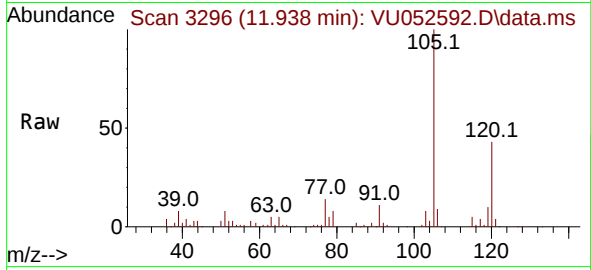
Tgt Ion:106 Resp: 9557
Ion Ratio Lower Upper
106 100
91 197.3 153.2 284.4





#63
 1,2,4-Trimethylbenzene
 Concen: 1.784 ug/L m
 RT: 11.938 min Scan# 3149
 Delta R.T. 0.473 min
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Tgt Ion:105 Resp: 8195
 Ion Ratio Lower Upper
 105 100
 120 2.4 35.6 53.4

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