

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046189.D
 Acq On : 08 Dec 2021 20:44
 Operator : SY/MD
 Sample : M4971-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3E6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2021
 Supervised By : Mahesh Dadoda 12/09/2021

Quant Time: Dec 09 03:21:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	209203	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	205126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109274	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	60221	34.945	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.900%		
7) Chloroethane-d5	1.919	69	46861	35.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.840%		
11) 1,1-Dichloroethene-d2	2.572	63	86597	27.992	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.980%#		
21) 2-Butanone-d5	4.636	46	129664	94.649	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.650%		
24) Chloroform-d	5.067	84	126064	43.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.620%		
26) 1,2-Dichloroethane-d4	5.706	65	84327	43.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.320%		
32) Benzene-d6	5.732	84	259178	44.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
36) 1,2-Dichloropropane-d6	6.694	67	82043	45.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.060%		
41) Toluene-d8	7.899	98	234219	43.754	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.500%		
43) trans-1,3-Dichloroprop...	8.179	79	39297	44.677	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.360%		
47) 2-Hexanone-d5	8.632	63	88616	102.574	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.570%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130328	47.164	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.320%		
66) 1,2-Dichlorobenzene-d4	12.195	152	102616	48.762	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.520%		
Target Compounds					Qvalue	
13) Acetone	2.652	43	8349m	4.876	ug/L	
33) Benzene	5.777	78	6618	1.066	ug/L	100
42) Toluene	7.973	91	16185	2.430	ug/L	93

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

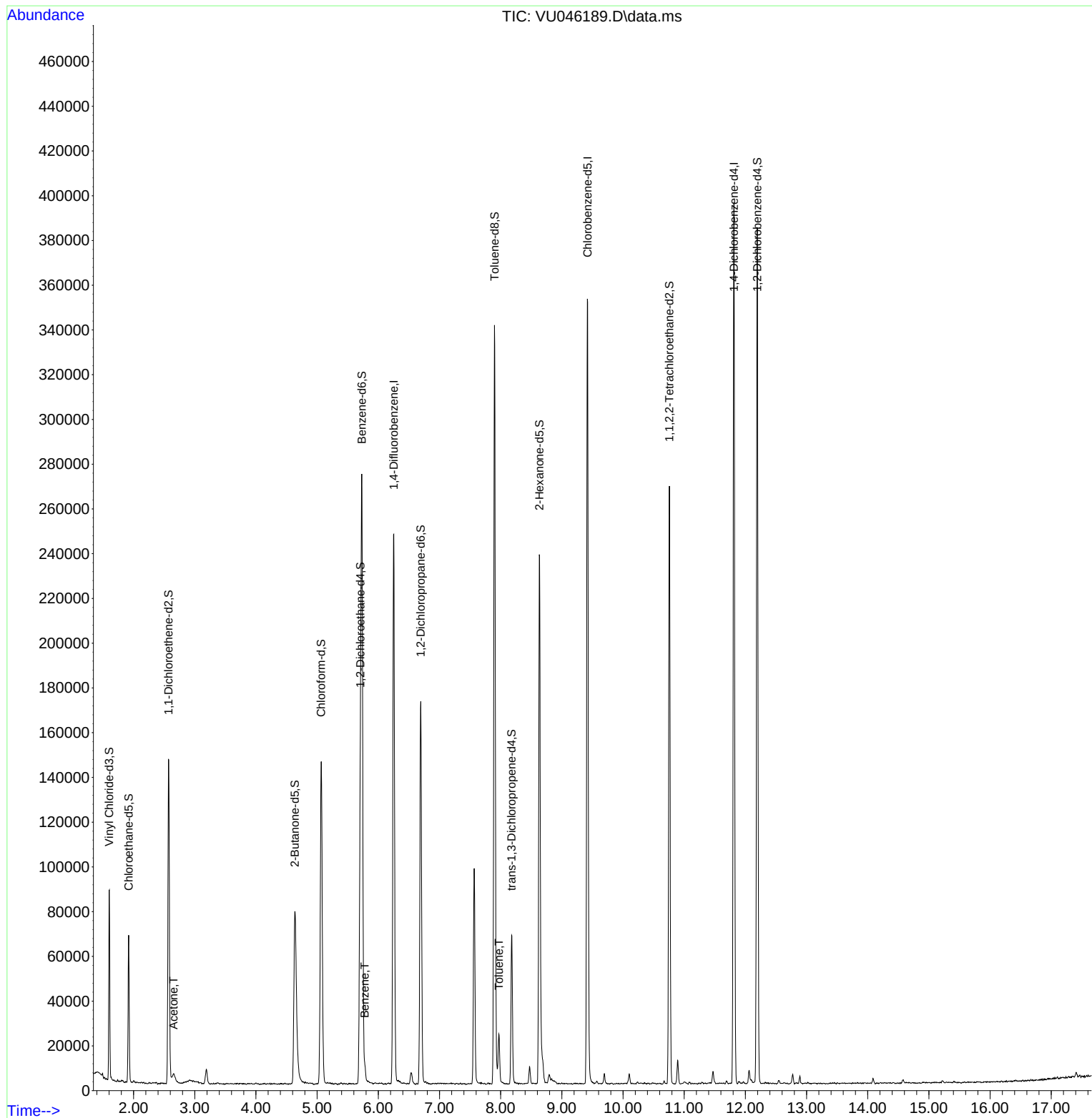
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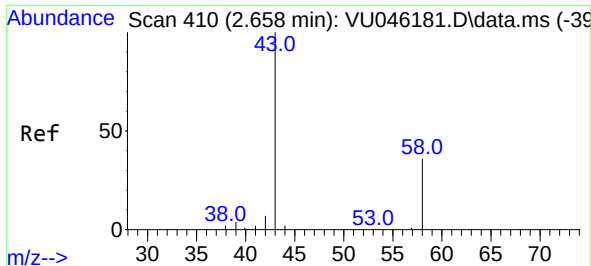
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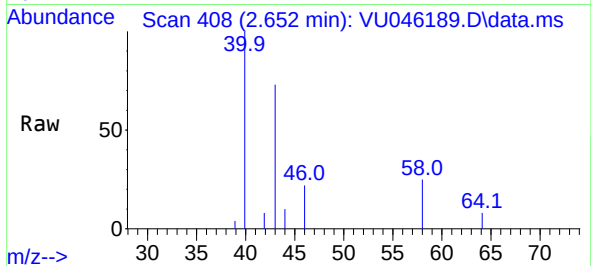
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#13
Acetone
Concen: 4.876 ug/L m
RT: 2.652 min Scan# 408
Delta R.T. -0.010 min
Lab File: VU046189.D
Acq: 08 Dec 2021 20:44

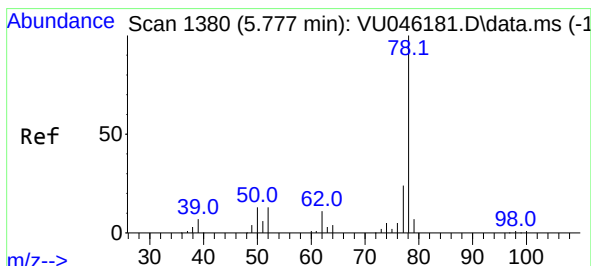
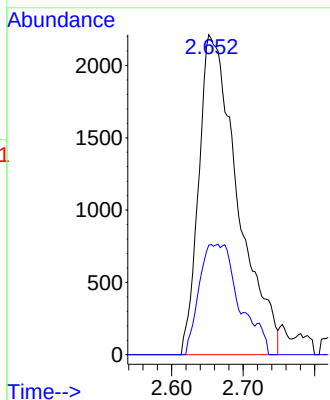
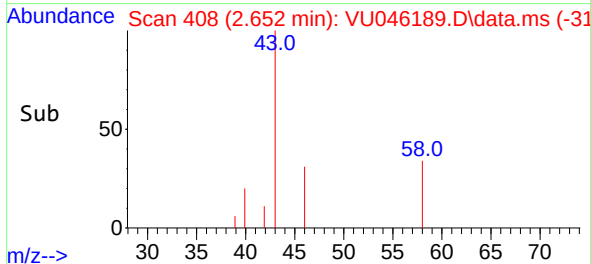
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Tgt Ion: 43 Resp: 8349
Ion Ratio Lower Upper
43 100
58 13.5 0.0 66.8

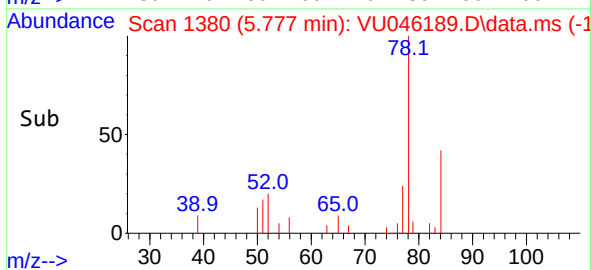
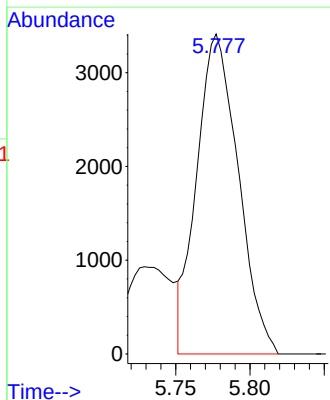
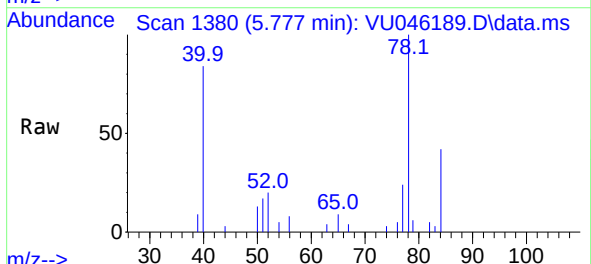
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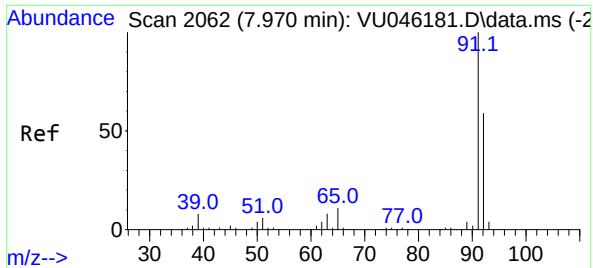
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#33
Benzene
Concen: 1.066 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046189.D
Acq: 08 Dec 2021 20:44

Tgt Ion: 78 Resp: 6618





#42
Toluene
Concen: 2.430 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
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Tgt Ion: 91 Resp: 16189
Ion Ratio Lower Upper
91 100
92 54.9 41.9 77.7

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