

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051022\
 Data File : VU048490.D
 Acq On : 10 May 2022 14:51
 Operator : SY/MD
 Sample : N2736-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEW7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 11 05:22:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	225220	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202163	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	99945	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76422	39.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.800%		
7) Chloroethane-d5	1.912	69	62832	49.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.280%		
11) 1,1-Dichloroethene-d2	2.568	63	107959	31.274	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.540%		
21) 2-Butanone-d5	4.620	46	188570	114.156	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.160%		
24) Chloroform-d	5.063	84	179268	53.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.420%		
26) 1,2-Dichloroethane-d4	5.703	65	134478	61.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	122.820%		
32) Benzene-d6	5.729	84	319626	52.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.060%		
36) 1,2-Dichloropropane-d6	6.690	67	105130	52.478	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.960%		
41) Toluene-d8	7.899	98	247359	45.527	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.060%		
43) trans-1,3-Dichloroprop...	8.179	79	38814	42.095	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.180%		
47) 2-Hexanone-d5	8.629	63	141634	146.071	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	146.070%#		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	169986	55.705	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.420%		
66) 1,2-Dichlorobenzene-d4	12.192	152	101163	51.117	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.240%		
Target Compounds					Qvalue	
13) Acetone	2.626	43	5103	4.098	ug/L	94
29) Cyclohexane	5.394	56	9670m	3.466	ug/L	
33) Benzene	5.774	78	560581	80.535	ug/L	100
51) Chlorobenzene	9.449	112	3999	0.883	ug/L	98
61) Isopropylbenzene	10.484	105	8434	1.204	ug/L	98

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

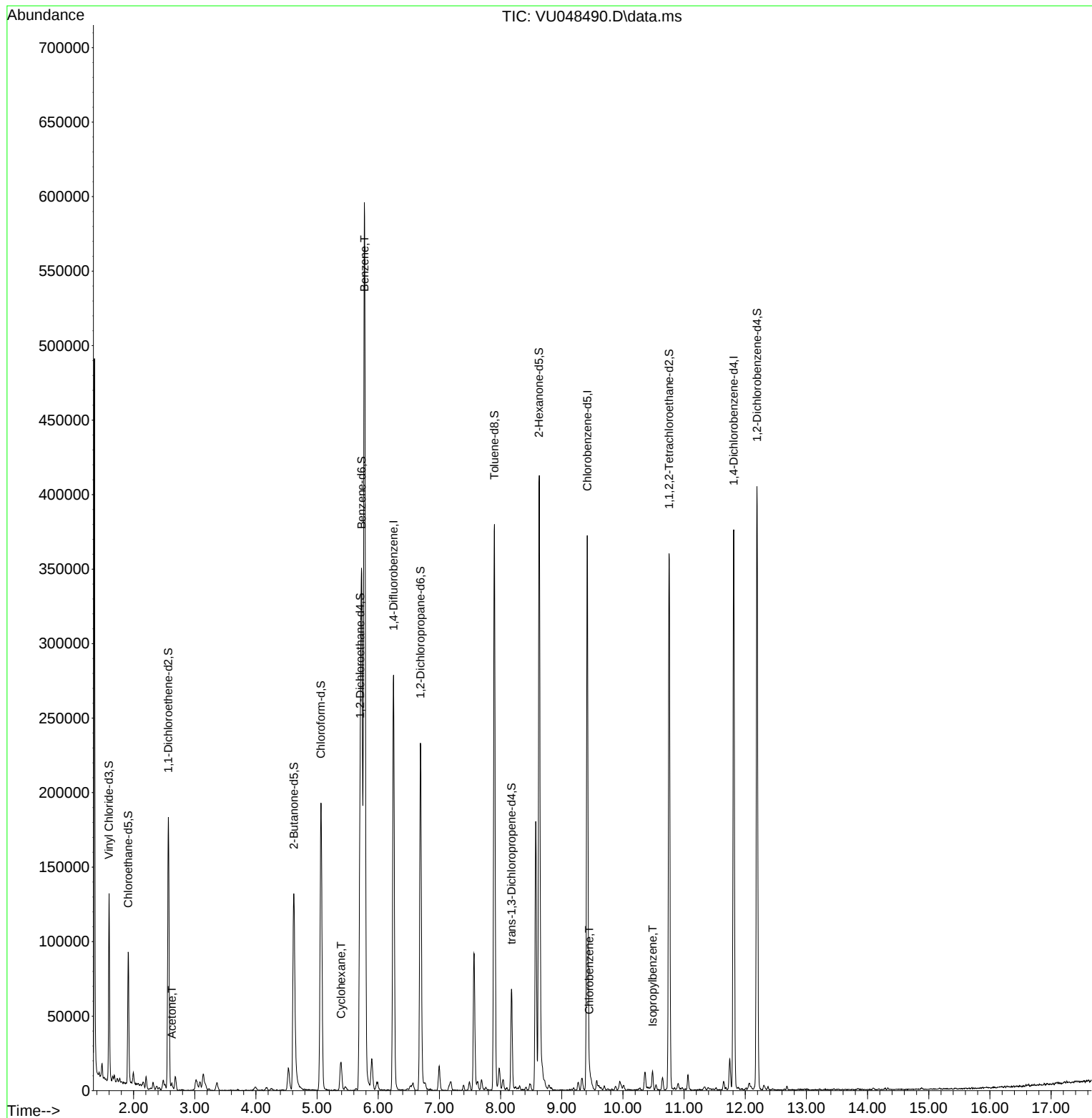
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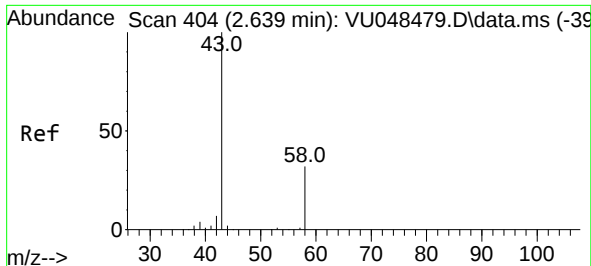
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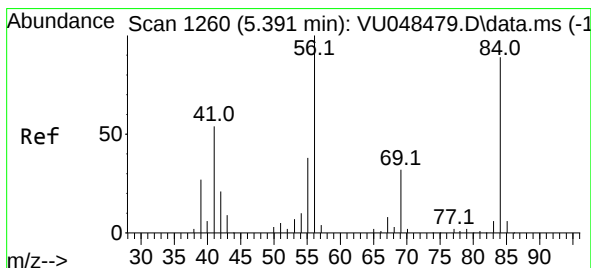
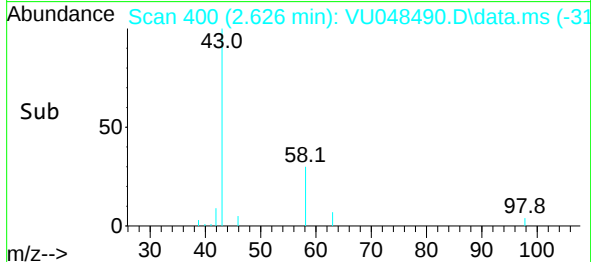
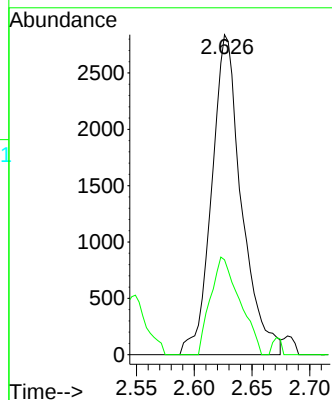
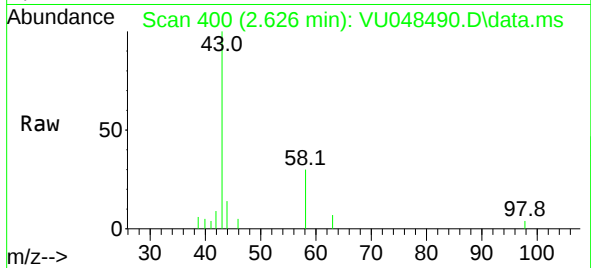
#13
Acetone
Concen: 4.098 ug/L
RT: 2.626 min Scan# 404
Delta R.T. -0.013 min
Lab File: VU048490.D
Acq: 10 May 2022 14:51

Instrument :
MSVOA_U
ClientSampleId :
EXEW7

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 29.8 0.0 66.2

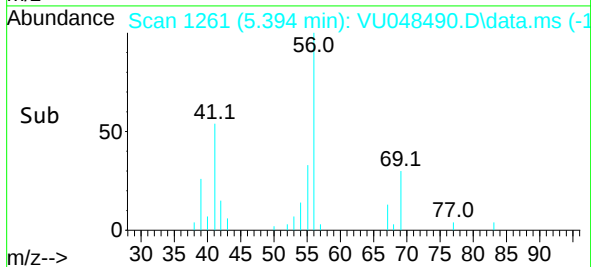
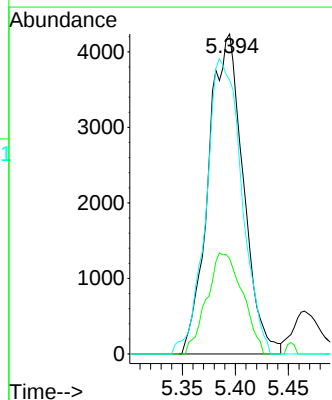
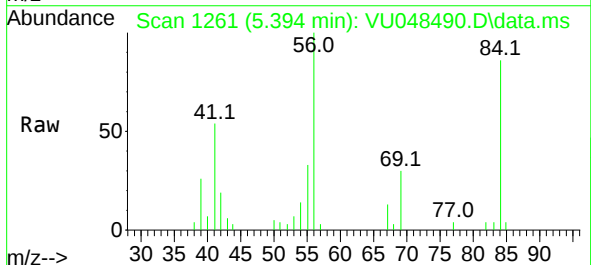
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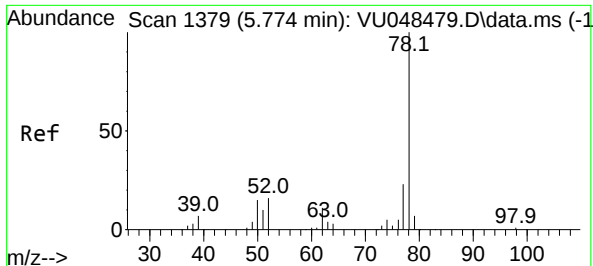
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#29
Cyclohexane
Concen: 3.466 ug/L m
RT: 5.394 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU048490.D
Acq: 10 May 2022 14:51

Tgt Ion: 56 Resp: 9670
Ion Ratio Lower Upper
56 100
69 32.3 23.4 35.0
84 94.3 65.5 98.3





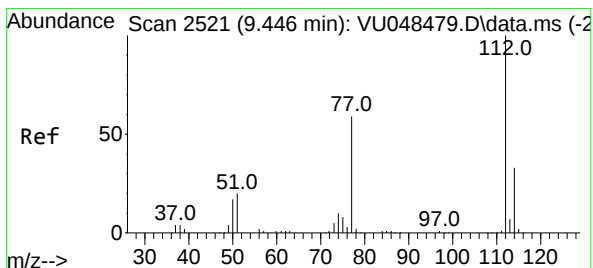
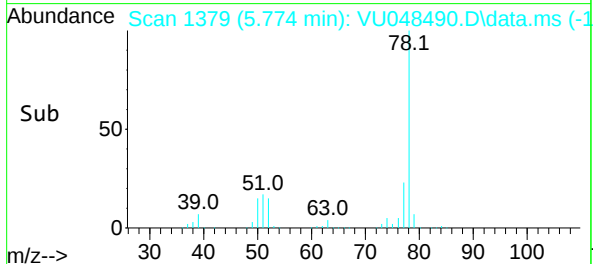
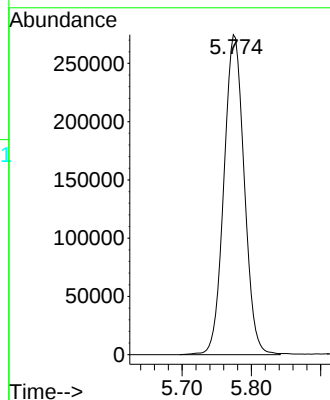
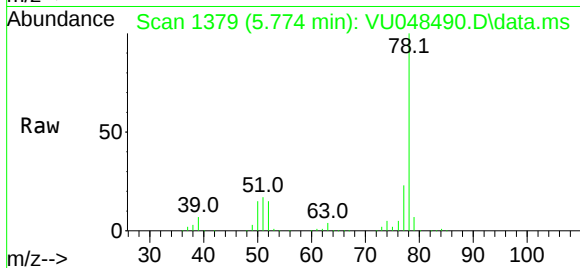
#33
Benzene
Concen: 80.535 ug/L
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048490.D
Acq: 10 May 2022 14:51

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Tgt Ion: 78 Resp: 56058

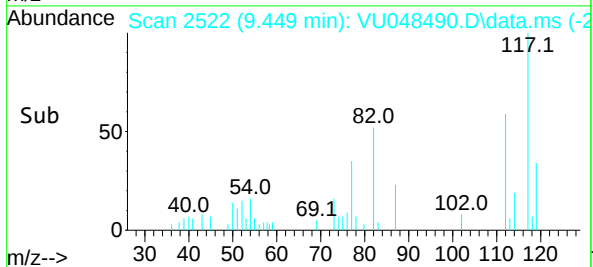
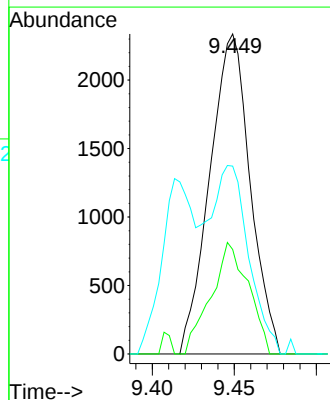
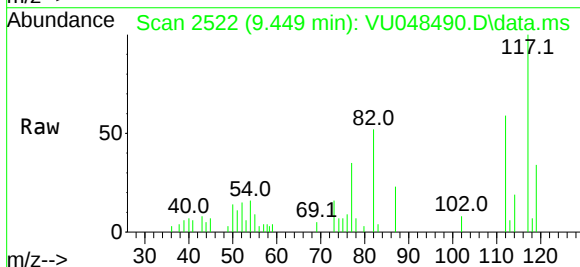
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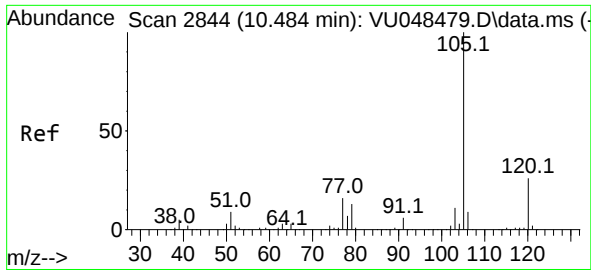
Reviewed By :John Carlone 05/13/2022
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#51
Chlorobenzene
Concen: 0.883 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048490.D
Acq: 10 May 2022 14:51

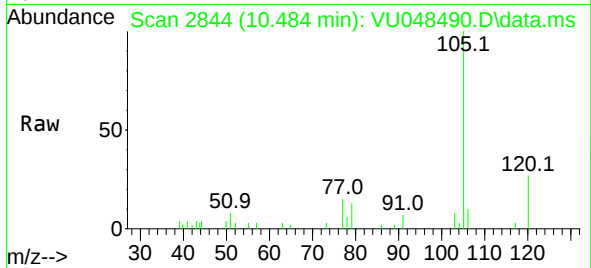
Tgt Ion:112 Resp: 3999
Ion Ratio Lower Upper
112 100
114 32.6 23.0 42.6
77 58.7 48.4 72.6





#61
Isopropylbenzene
Concen: 1.204 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048490.D
Acq: 10 May 2022 14:51

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Tgt Ion:105	Resp:	8434
Ion	Ratio	Lower Upper
105	100	
120	24.6	21.0 31.4
77	15.7	12.5 18.7

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