

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048392.D
 Acq On : 03 May 2022 15:54
 Operator : SY/MD
 Sample : N2668-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL67

Quant Time: May 04 01:40:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	434190	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	431748	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	200485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	214689	53.771	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.540%			
7) Chloroethane-d5	1.900	69	153302	54.699	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.400%			
11) 1,1-Dichloroethene-d2	2.562	63	251277	39.278	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.560%			
21) 2-Butanone-d5	4.620	46	303484	89.119	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.120%			
24) Chloroform-d	5.063	84	342717	47.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.640%			
26) 1,2-Dichloroethane-d4	5.700	65	213785	49.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.500%			
32) Benzene-d6	5.726	84	728002	53.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.920%			
36) 1,2-Dichloropropane-d6	6.690	67	232902	51.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.480%			
41) Toluene-d8	7.899	98	637962	51.687	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.380%			
43) trans-1,3-Dichloroprop...	8.179	79	97092	48.878	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.760%			
47) 2-Hexanone-d5	8.632	63	216664	89.207	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.210%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	356369	45.137	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.280%			
66) 1,2-Dichlorobenzene-d4	12.195	152	242321	53.730	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.460%			
Target Compounds					Qvalue	
22) 2-Butanone	4.723	43	3547m	1.097	ug/L	
38) Bromodichloromethane	7.105	83	2244	0.489	ug/L	81
46) Tetrachloroethene	8.552	164	18614	6.922	ug/L	99

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

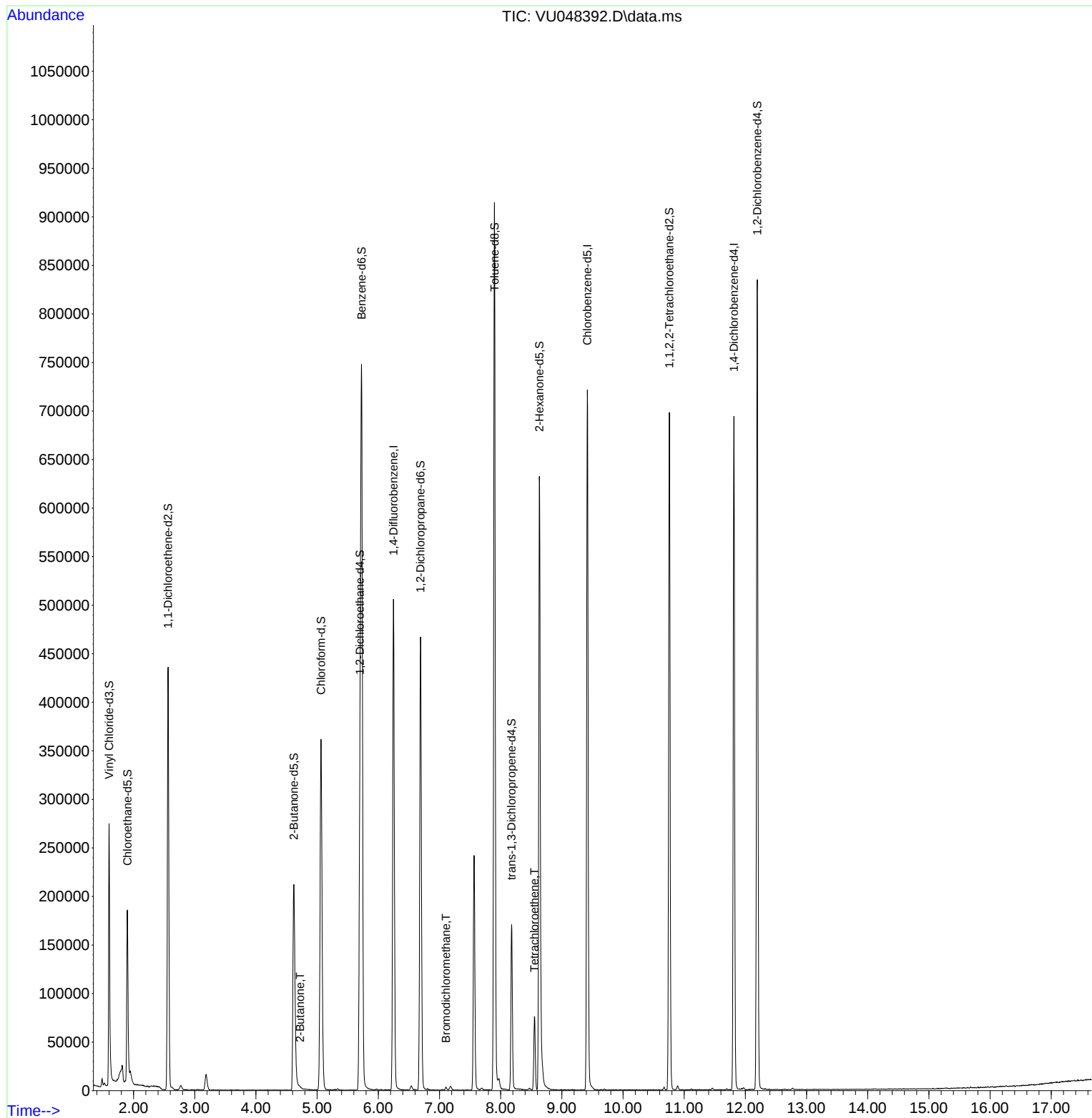
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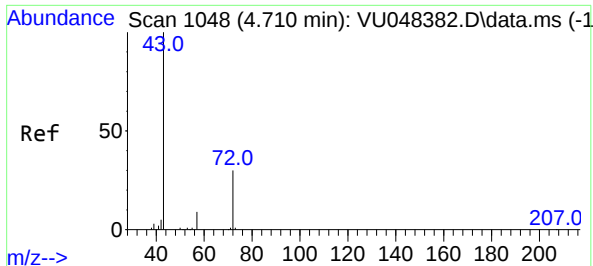
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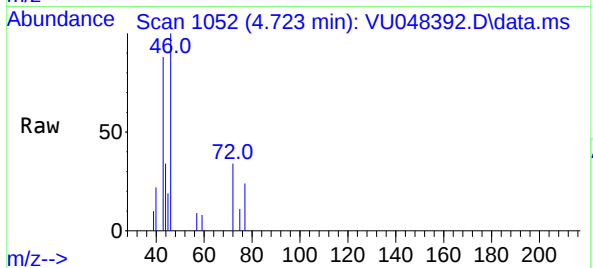
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022





#22
2-Butanone
Concen: 1.097 ug/L m
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU048392.D
Acq: 03 May 2022 15:54

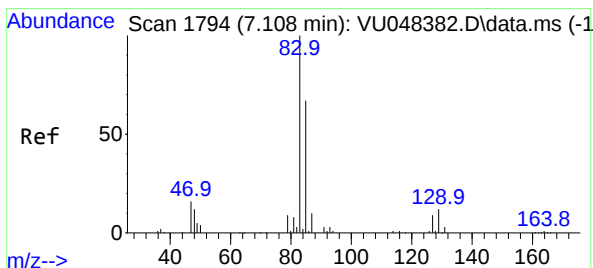
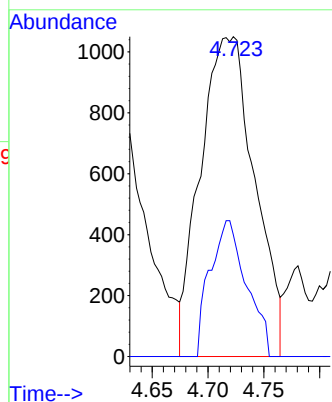
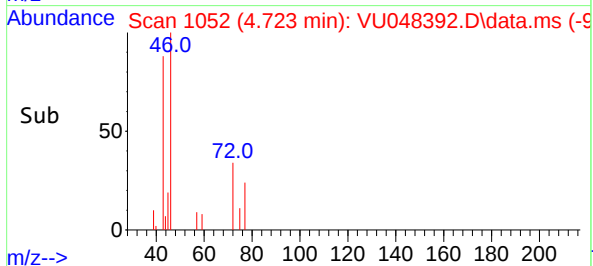
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Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
72 28.6 14.6 43.8

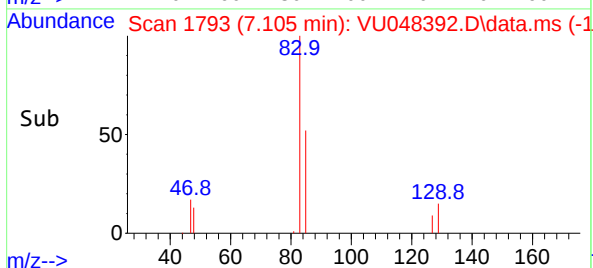
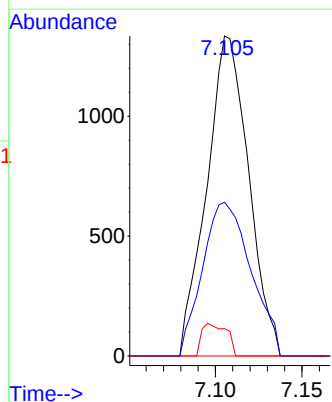
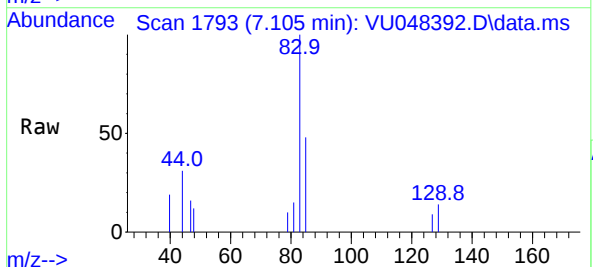
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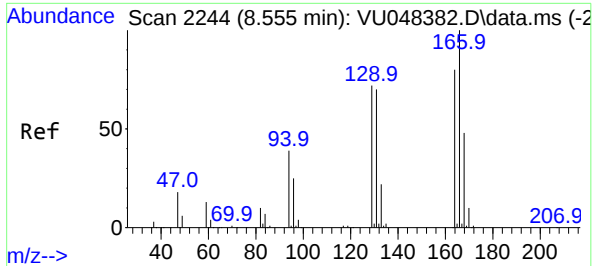
Reviewed By :John Carlone 05/04/2022
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#38
Bromodichloromethane
Concen: 0.489 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU048392.D
Acq: 03 May 2022 15:54

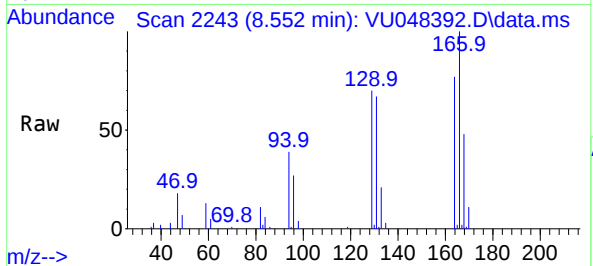
Tgt Ion: 83 Resp: 2244
Ion Ratio Lower Upper
83 100
85 48.0 45.3 84.1
127 8.5 7.2 10.8





#46
Tetrachloroethene
Concen: 6.922 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:164 Resp: 18614
Ion Ratio Lower Upper
164 100
129 90.2 63.3 117.7
131 87.0 61.2 113.6
166 129.7 88.9 165.1

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