

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048376.D
 Acq On : 02 May 2022 19:30
 Operator : SY/MD
 Sample : N2639-09
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL19

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2022
 Supervised By : Semsettin Yesilyurt 05/10/2022

Quant Time: May 03 04:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	325402	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	332975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	175922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	190086	63.525	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 127.040%			
7) Chloroethane-d5	1.874	69	89862m	42.783	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.560%			
11) 1,1-Dichloroethene-d2	2.536	63	278773	58.144	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 116.280%			
21) 2-Butanone-d5	4.636	46	499598	195.755	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 195.760%#			
24) Chloroform-d	5.063	84	499631	92.055	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 184.100%#			
26) 1,2-Dichloroethane-d4	5.703	65	325530	101.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 202.180%#			
32) Benzene-d6	5.722	84	1040804	99.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 198.220%#			
36) 1,2-Dichloropropane-d6	6.690	67	351219	101.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 202.320%#			
41) Toluene-d8	7.899	98	974270	102.350	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 204.700%#			
43) trans-1,3-Dichloroprop...	8.185	79	161317	105.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 210.600%#			
47) 2-Hexanone-d5	8.661	63	389551	207.966	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 207.970%#			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	600494	98.619	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 197.240%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	438534	110.813	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 221.620%#			
Target Compounds						Qvalue
13) Acetone	2.645	43	41419	25.280	ug/L	99
15) Methyl Acetate	2.954	43	14577	4.482	ug/L	98
22) 2-Butanone	4.716	43	325146	134.202	ug/L	98
42) Toluene	7.973	91	15307	1.479	ug/L	97

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

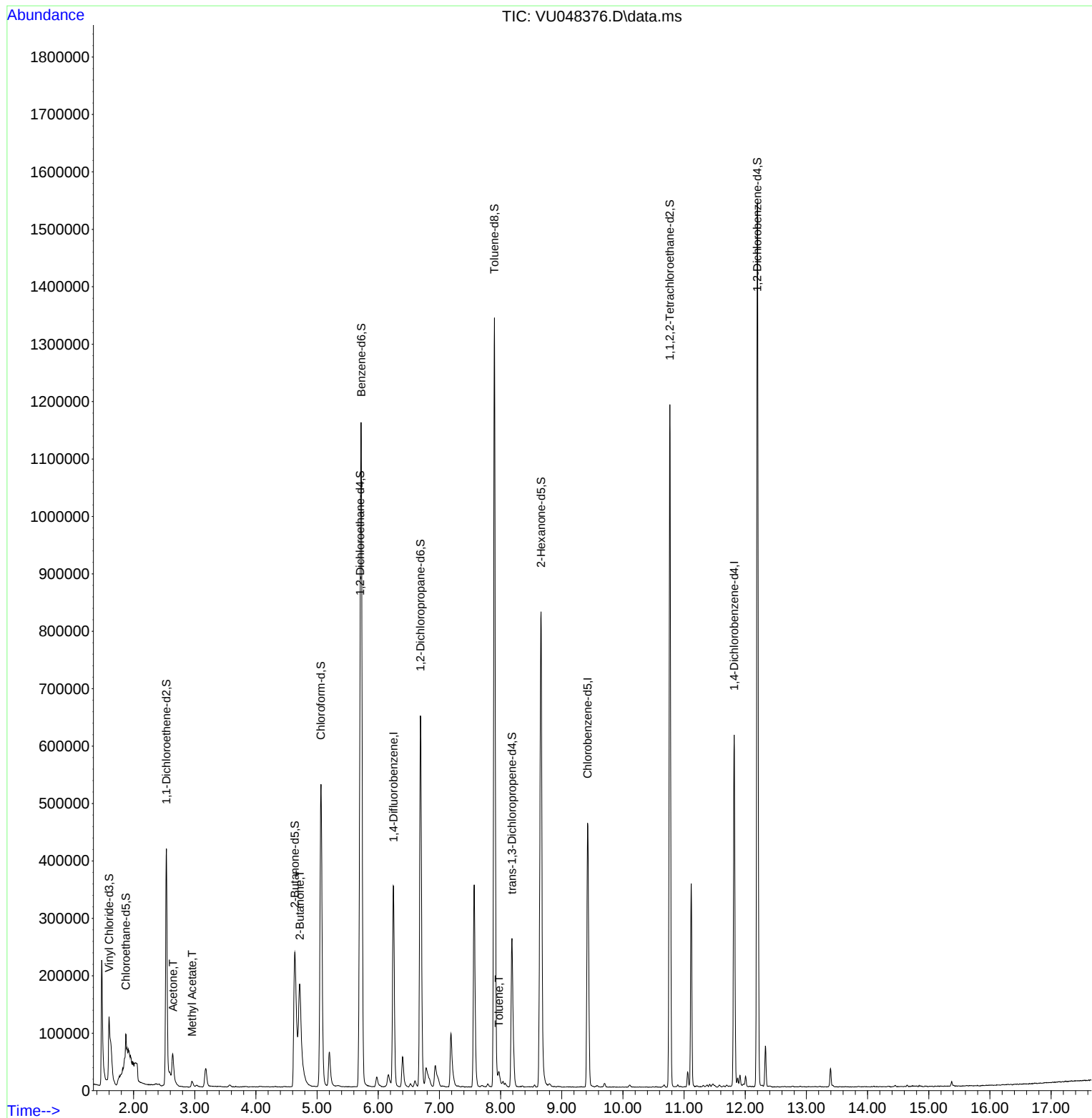
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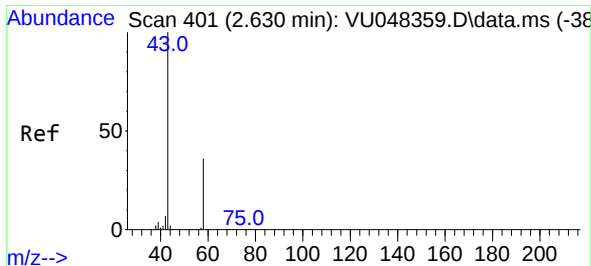
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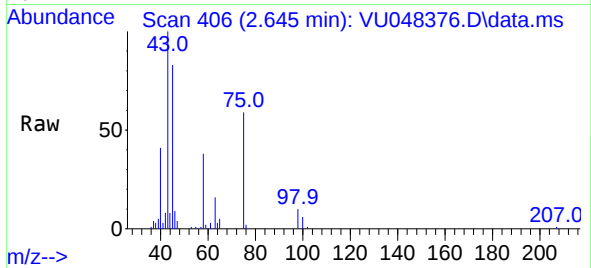
Reviewed By : John Carlone 05/06/2022
Supervised By : Semsettin Yesilyurt 05/10/2022





#13
Acetone
Concen: 25.280 ug/L
RT: 2.645 min Scan# 401
Delta R.T. 0.016 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

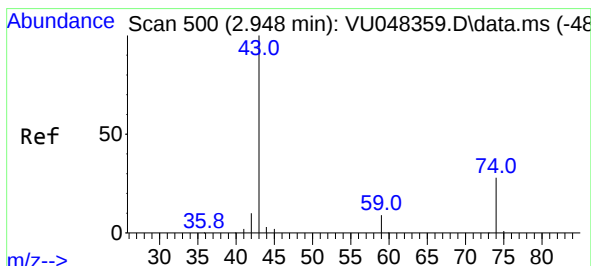
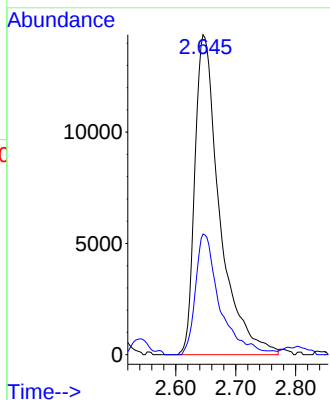
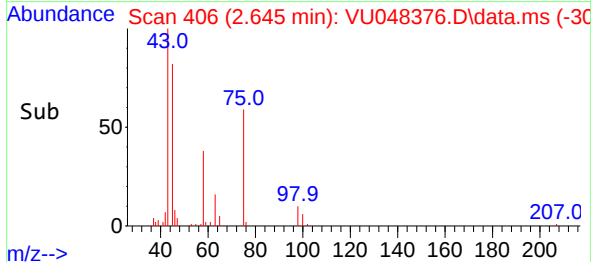
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Tgt Ion: 43 Resp: 41419
Ion Ratio Lower Upper
43 100
58 35.2 0.0 71.2

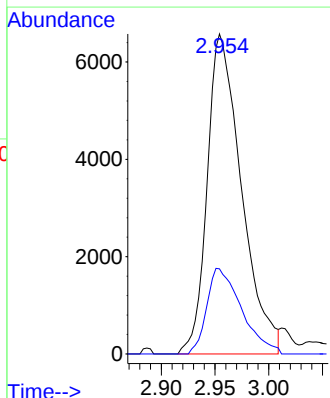
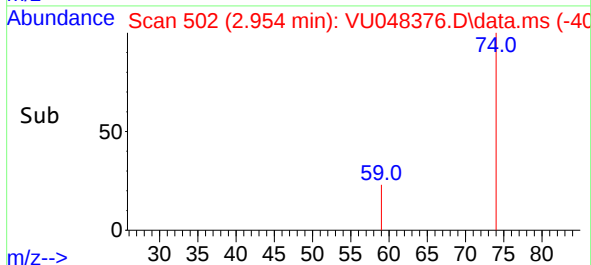
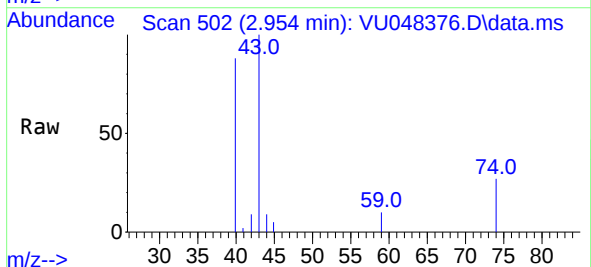
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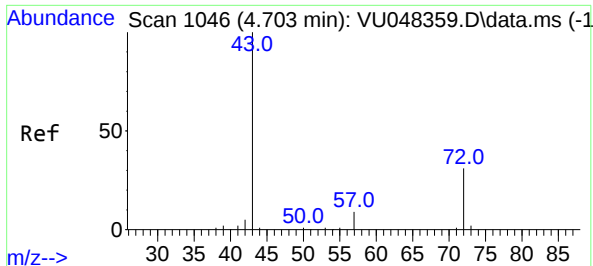
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#15
Methyl Acetate
Concen: 4.482 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

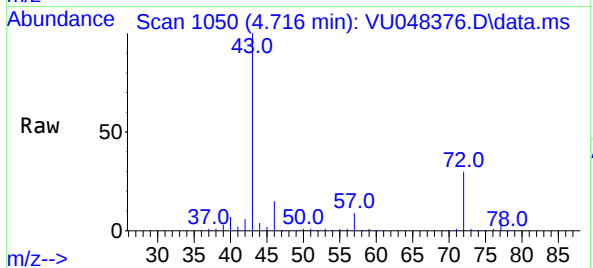
Tgt Ion: 43 Resp: 14577
Ion Ratio Lower Upper
43 100
74 27.1 21.0 31.6





#22
2-Butanone
Concen: 134.202 ug/L
RT: 4.716 min Scan# 1046
Delta R.T. 0.013 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30

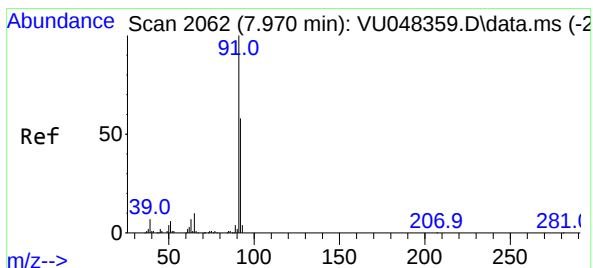
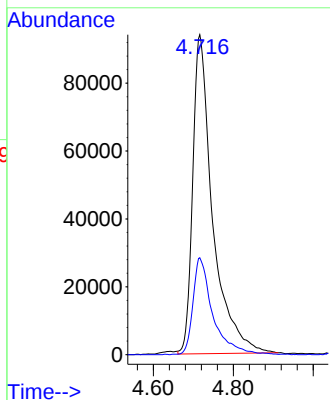
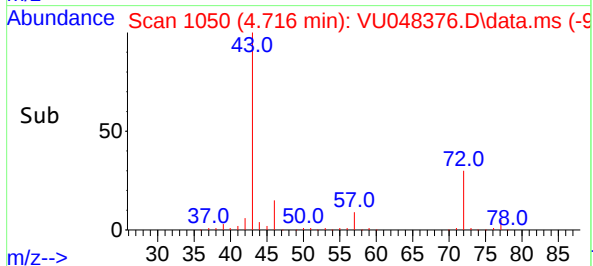
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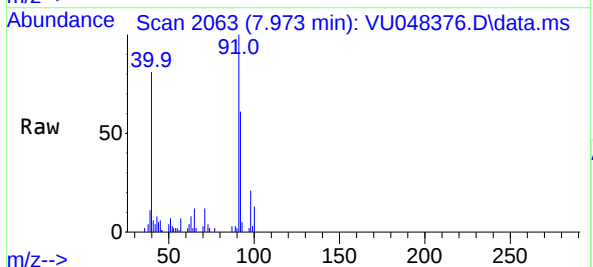
Tgt Ion: 43 Resp: 32514
Ion Ratio Lower Upper
43 100
72 30.0 14.6 43.8

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#42
Toluene
Concen: 1.479 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU048376.D
Acq: 02 May 2022 19:30



Tgt Ion: 91 Resp: 15307
Ion Ratio Lower Upper
91 100
92 60.5 40.9 76.0

