

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048374.D
 Acq On : 02 May 2022 17:31
 Operator : SY/MD
 Sample : N2638-08
 Misc : 5.36g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL03

Manual Integrations
 APPROVED

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

Quant Time: May 03 04:15:50 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	6.247	114	462681	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	462066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	231173	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	166120m	39.044	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.080%		
7) Chloroethane-d5	1.874	69	69444m	23.252	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	46.500%#		
11) 1,1-Dichloroethene-d2	2.530	63	242977	35.642	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.280%		
21) 2-Butanone-d5	4.639	46	449435	123.850	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.850%		
24) Chloroform-d	5.064	84	433739	56.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	112.400%		
26) 1,2-Dichloroethane-d4	5.703	65	282922	61.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	123.580%		
32) Benzene-d6	5.720	84	887392	60.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	121.780%		
36) 1,2-Dichloropropane-d6	6.691	67	302034	62.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	125.380%#		
41) Toluene-d8	7.896	98	821086	62.159	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	124.320%#		
43) trans-1,3-Dichloroprop...	8.182	79	137295	64.582	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	129.160%#		
47) 2-Hexanone-d5	8.662	63	337920	130.002	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	130.000%		
56) 1,1,2,2-Tetrachloroeth...	10.768	84	503759	59.619	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	119.240%		
66) 1,2-Dichlorobenzene-d4	12.198	152	354683	68.204	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	136.400%#		
Target Compounds						Qvalue
13) Acetone	2.649	43	62992	27.039	ug/L	100
15) Methyl Acetate	2.961	43	15242	3.296	ug/L	99
22) 2-Butanone	4.720	43	425052	123.385	ug/L	99
46) Tetrachloroethene	8.552	164	27528	9.565	ug/L	98

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

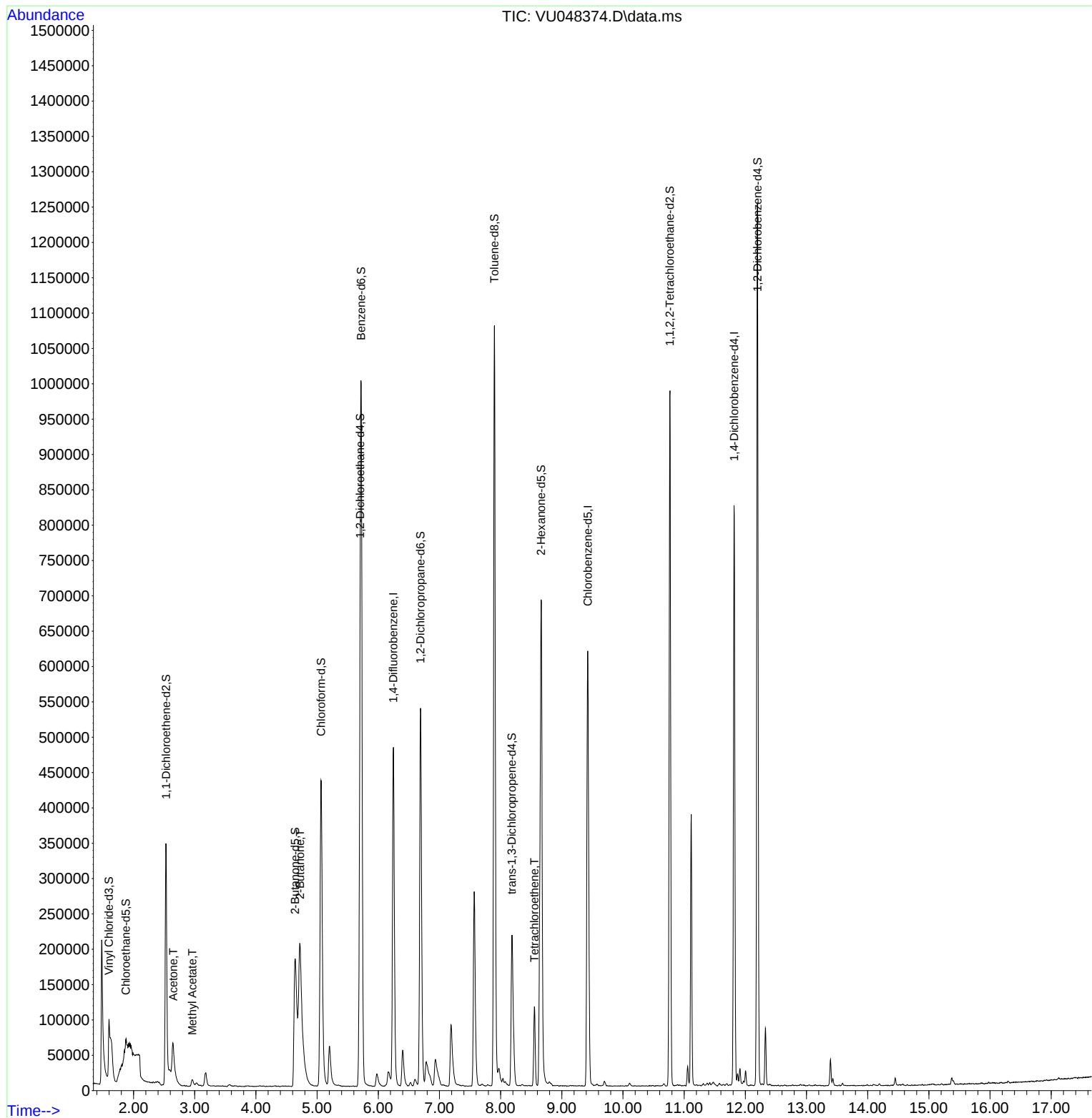
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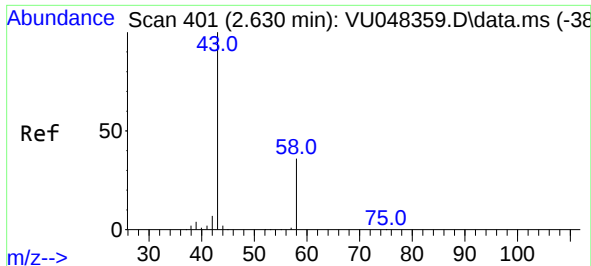
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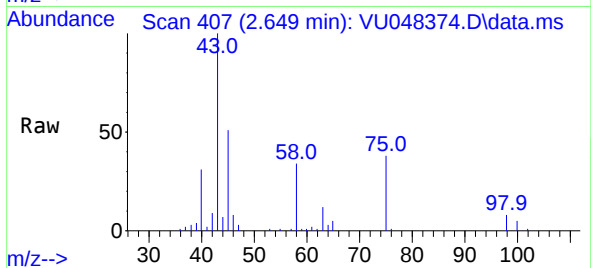
Reviewed By :John Carlone 05/06/2022
Supervised By :Semsettin Yesilyurt 05/10/2022





#13
Acetone
Concen: 27.039 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.019 min
Lab File: VU048374.D
Acq: 02 May 2022 17:31

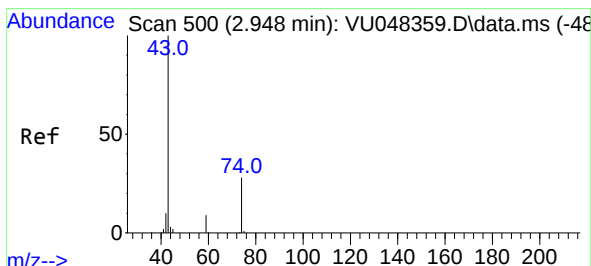
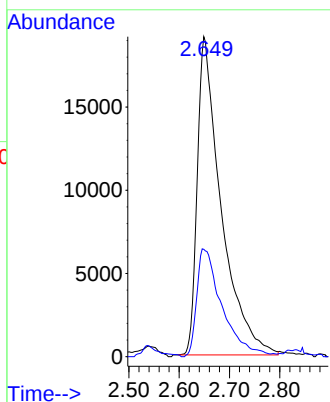
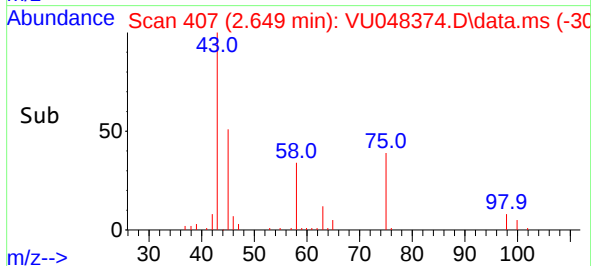
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Tgt Ion: 43 Resp: 62992
Ion Ratio Lower Upper
43 100
58 35.9 0.0 71.2

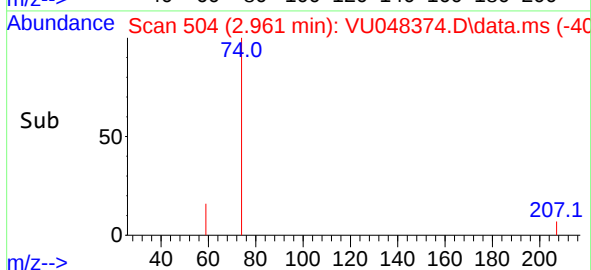
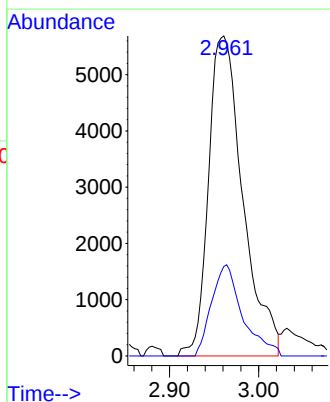
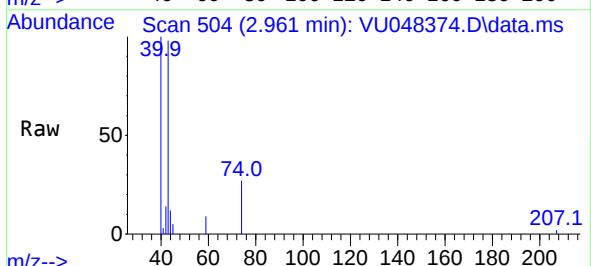
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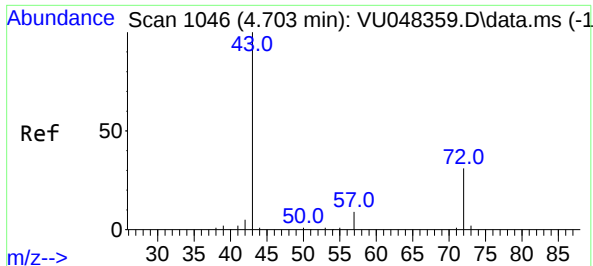
Reviewed By :John Carlone 05/06/2022
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#15
Methyl Acetate
Concen: 3.296 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU048374.D
Acq: 02 May 2022 17:31

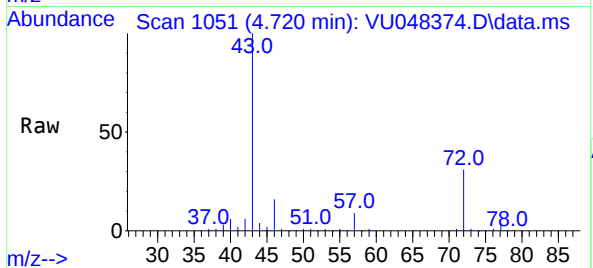
Tgt Ion: 43 Resp: 15242
Ion Ratio Lower Upper
43 100
74 25.7 21.0 31.6





#22
2-Butanone
Concen: 123.385 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. 0.016 min
Lab File: VU048374.D
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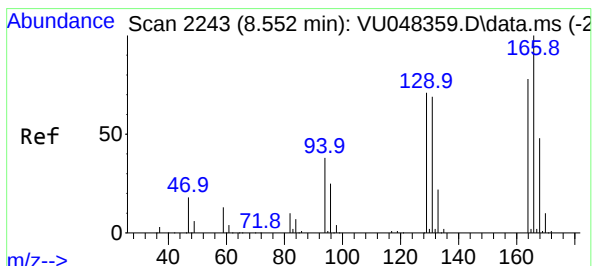
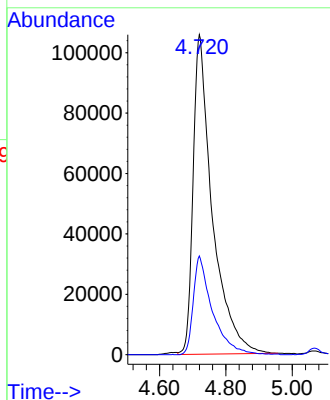
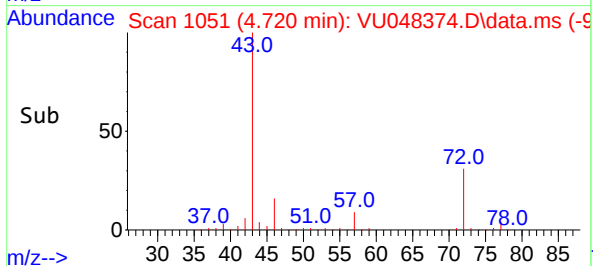
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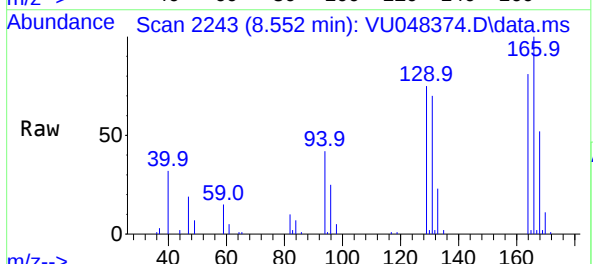
Tgt Ion: 43 Resp: 42505
Ion Ratio Lower Upper
43 100
72 29.6 14.6 43.8

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#46
Tetrachloroethene
Concen: 9.565 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU048374.D
Acq: 02 May 2022 17:31



Tgt Ion:164 Resp: 27528
Ion Ratio Lower Upper
164 100
129 93.1 63.3 117.7
131 86.6 61.2 113.6
166 123.5 88.9 165.1

