

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036949.D
 Acq On : 27 Feb 2020 17:42
 Operator : JC/MD
 Sample : L1686-07 5X
 Misc : 6.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW04

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 11:30:58 AM

Quant Time: Feb 27 23:34:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 22:00:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75000	35.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.60%
7) Chloroethane-d5	1.91	69	70792	40.27	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.54%
11) 1,1-Dichloroethene-d2	2.58	63	99954	28.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.18%#
21) 2-Butanone-d5	4.67	46	144774m	101.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.58%
24) Chloroform-d	5.10	84	142053	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.74	65	101280	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.76	84	311273	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
36) 1,2-Dichloropropane-d6	6.72	67	105100	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.20%
41) Toluene-d8	7.92	98	281244	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%
43) trans-1,3-Dichloropropene-	8.20	79	44458	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.66	63	114945	103.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.11%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	156322	48.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.26%
64) 1,2-Dichlorobenzene-d4	12.21	152	89381	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%

Target Compounds

					Ovalue
13) Acetone	2.66	43	2317	1.580 ug/L	67
22) 2-Butanone	4.75	43	8865	5.015 ug/L	96
42) Toluene	8.00	91	11790	1.439 ug/L	94
46) Tetrachloroethene	8.57	164	104654	84.076 ug/L	98

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

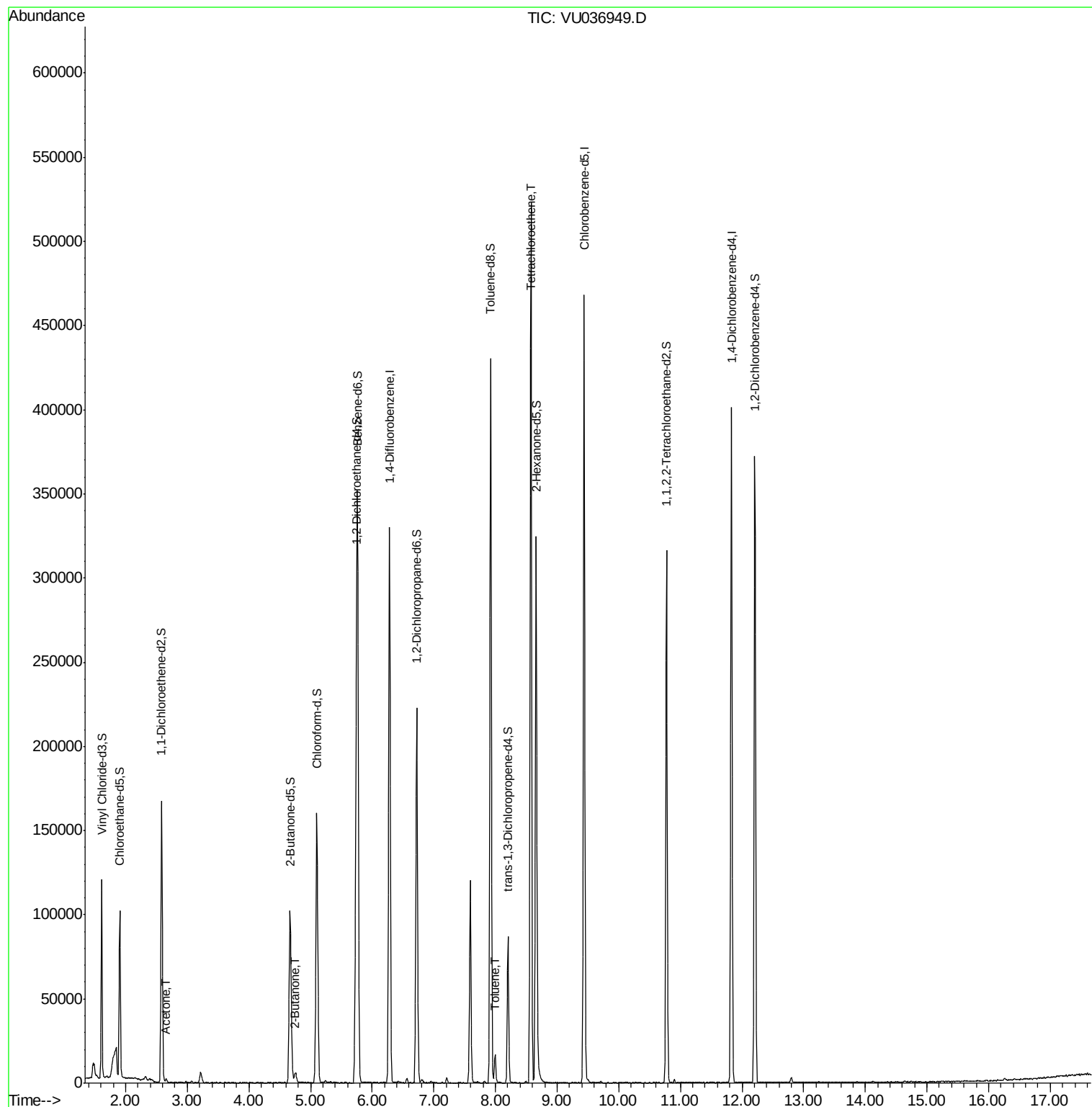
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU022720\
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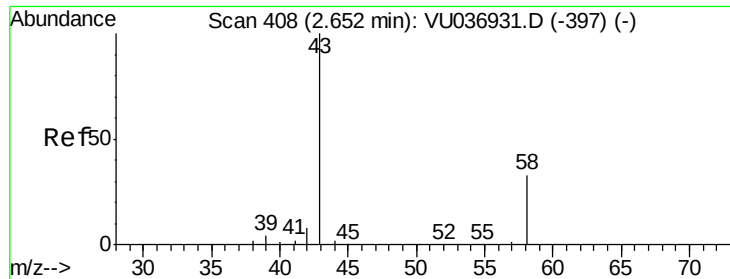
Instrument :
MSVOA_U
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GAW04

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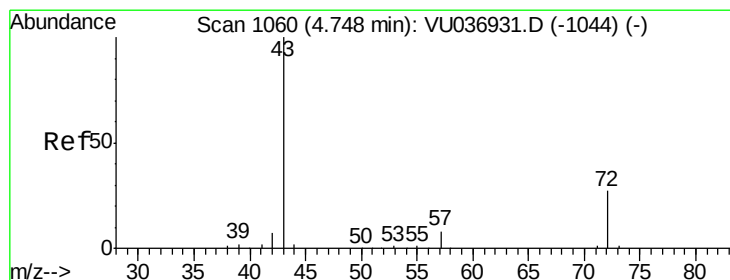
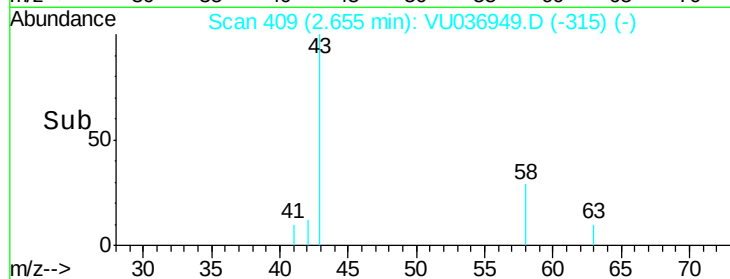
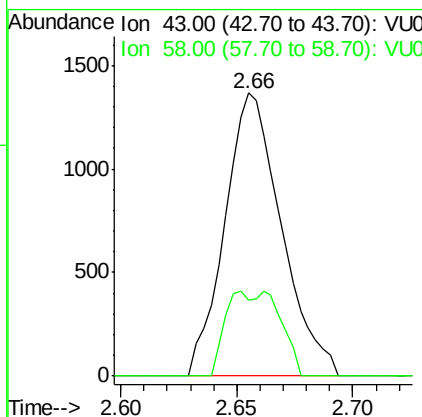
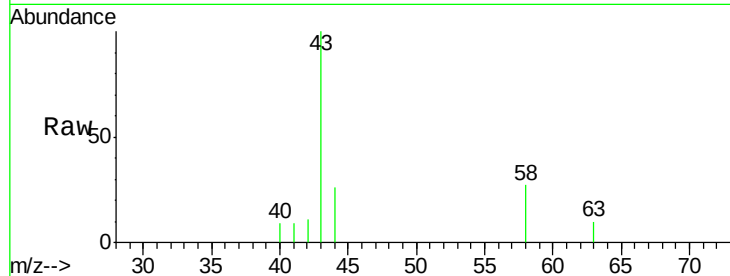
#13
Acetone
Concen: 1.580 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU036949.D
Acq: 27 Feb 2020 17:42

Instrument :
MSVOA_U
ClientSampled :
GAW04

Tot Ion	Ratio	Lower	Upper
43	100		
58	13.6	0.0	64.6

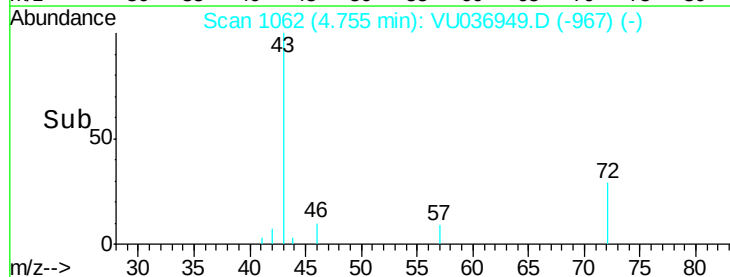
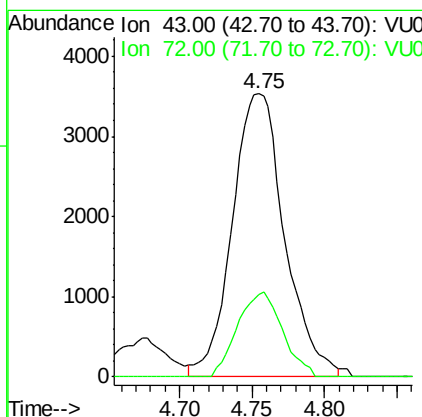
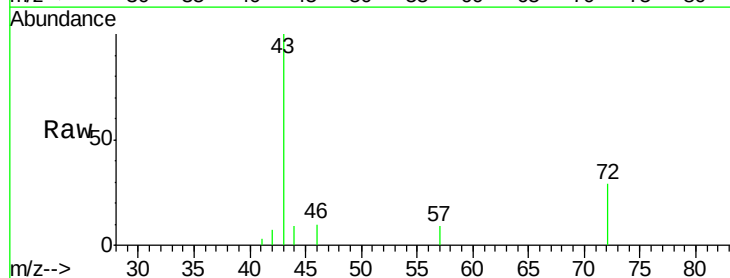
Manual Integrations
APPROVED

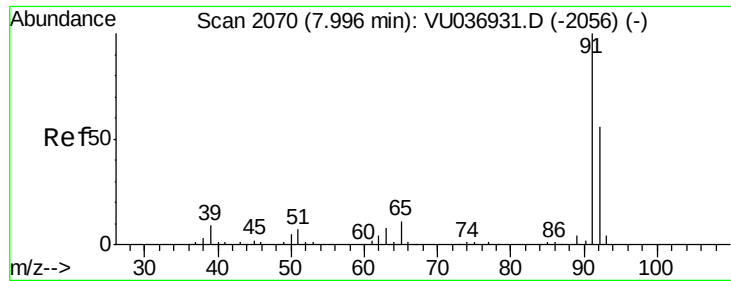
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3/2/2020 11:30:58 AM



#22
2-Butanone
Concen: 5.015 ug/L
RT: 4.75 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VU036949.D
Acq: 27 Feb 2020 17:42

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.6	13.9	41.6





#42

Toluene

Concen: 1.439 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036949.D

Acq: 27 Feb 2020 17:42

Instrument :

MSVOA_U

ClientSampleId :

GAW04

Tot Ion: 91 Resp: 11790

Ion Ratio Lower Upper

91 100

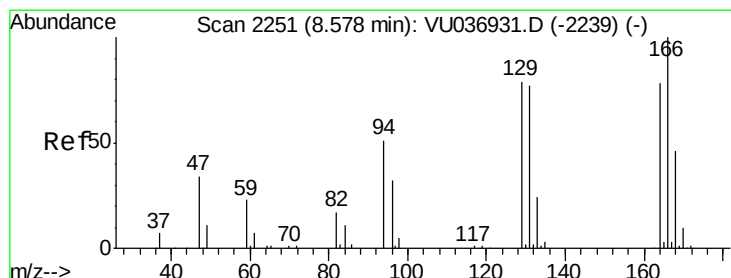
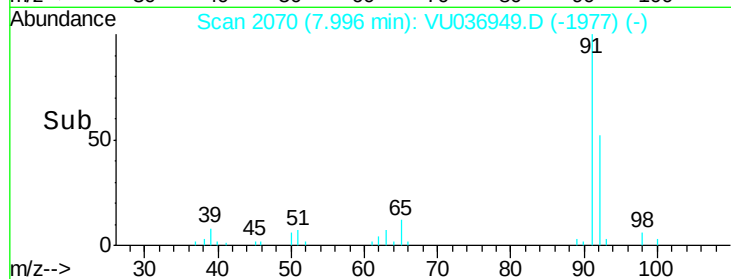
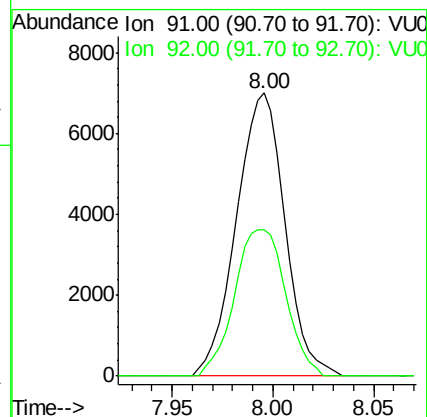
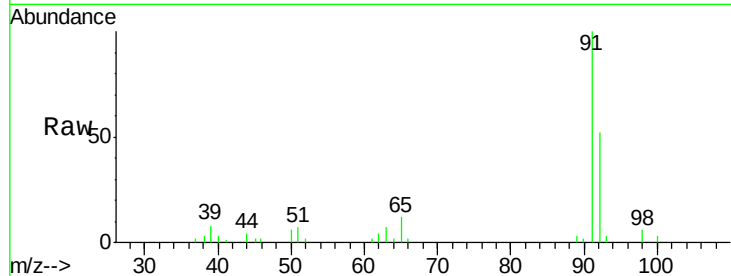
92 51.9 39.4 73.2

Manual Integrations

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#46

Tetrachloroethene

Concen: 84.076 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036949.D

Acq: 27 Feb 2020 17:42

Tgt Ion: 164 Resp: 104654

Ion Ratio Lower Upper

164 100

129 103.4 72.0 133.8

131 97.4 67.9 126.1

166 128.6 87.1 161.7

