

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037003.D
 Acq On : 02 Mar 2020 16:50
 Operator : JC/MD
 Sample : L1746-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:25:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 03 03:21:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264654	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251143	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95051	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83942	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.54%
7) Chloroethane-d5	1.93	69	81523	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.66%
11) 1,1-Dichloroethene-d2	2.59	63	114498	30.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.52%
21) 2-Butanone-d5	4.67	46	163712	109.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.81%
24) Chloroform-d	5.11	84	164676	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.04%
26) 1,2-Dichloroethane-d4	5.74	65	115481	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.76	84	354940	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.72	67	118143	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.42%
41) Toluene-d8	7.92	98	318056	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	50019	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.66	63	114839	99.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	166435	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	97654	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%

Target Compounds

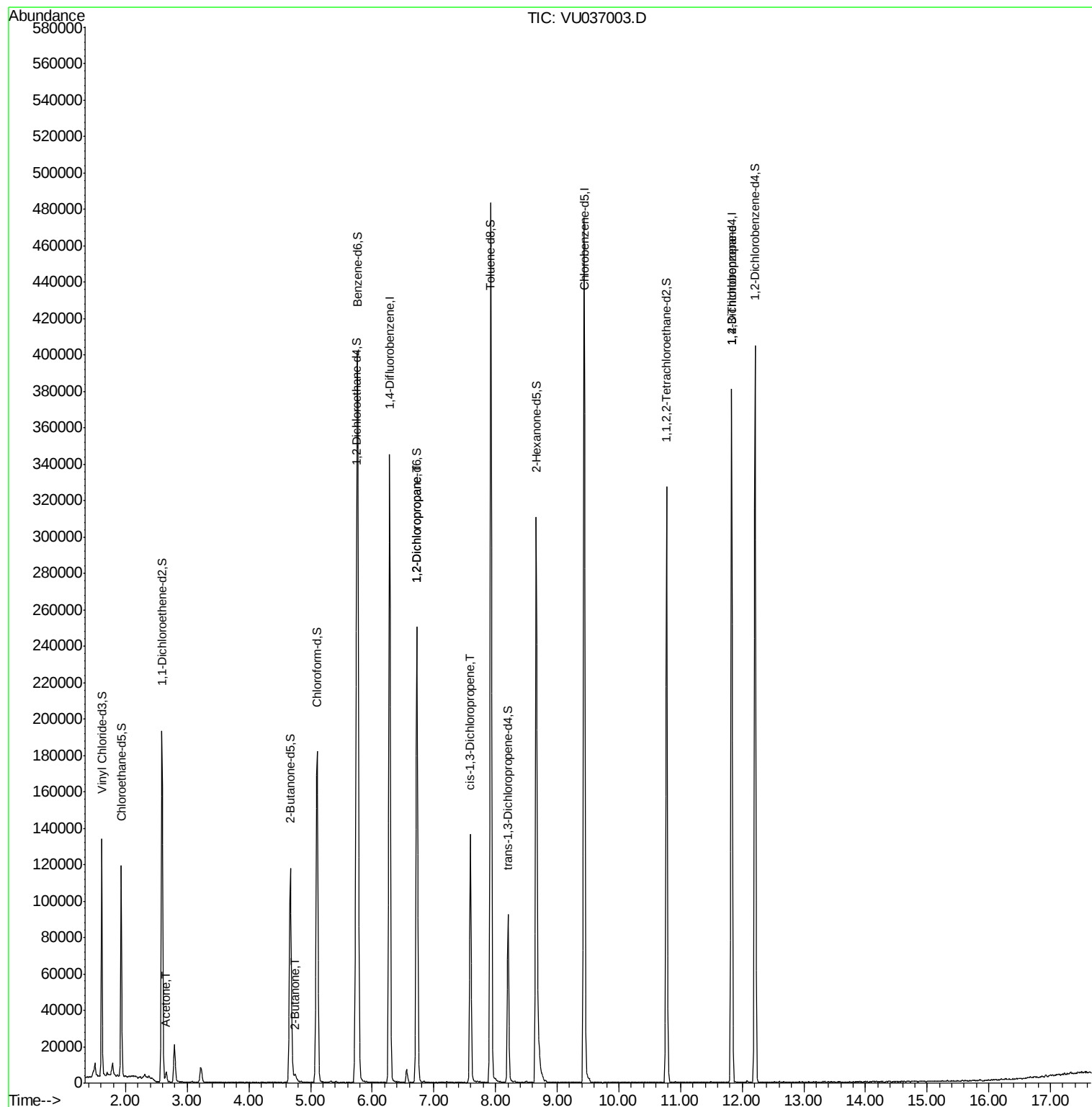
					Ovalue
13) Acetone	2.66	43	6137	4.002 ug/L	99
22) 2-Butanone	4.75	43	5238	2.833 ug/L	94
37) 1,2-Dichloropropane	6.72	63	12783	5.984 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3195	0.971 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	13941	5.073 ug/L	96

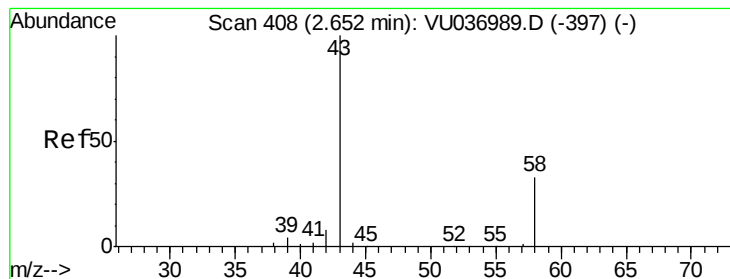
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 03 03:21:45 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.002 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037003.D

Acq: 02 Mar 2020 16:50

Instrument :

MSVOA_U

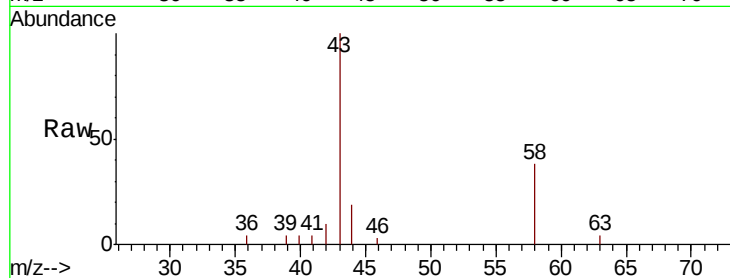
ClientSampleId :

Tot Ion: 43 Resp: 6137

Ion Ratio Lower Upper

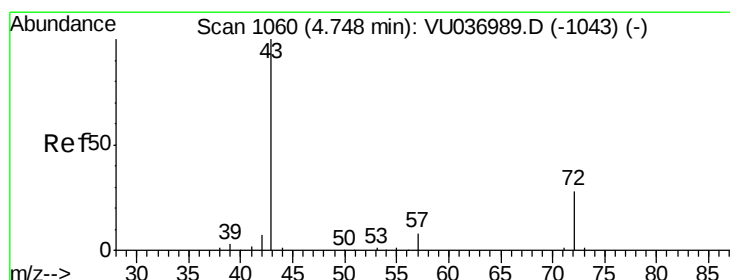
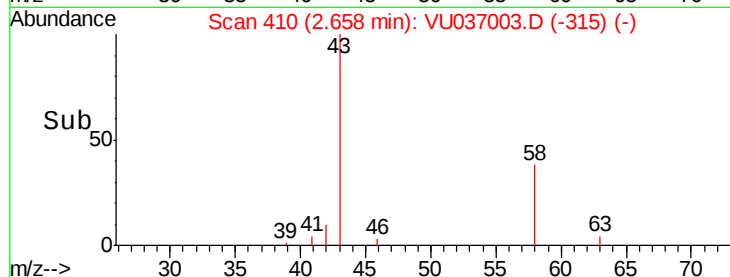
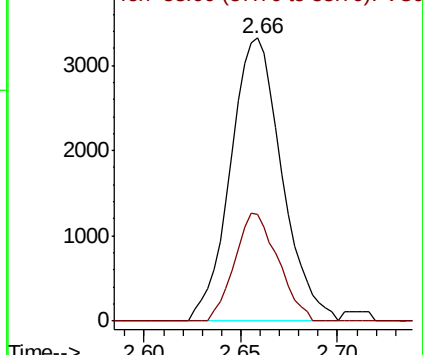
43 100

58 32.0 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036989.D (-397) (-)



#22

2-Butanone

Concen: 2.833 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VU037003.D

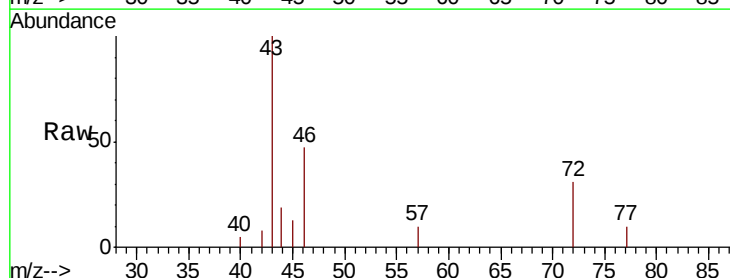
Acq: 02 Mar 2020 16:50

Tgt Ion: 43 Resp: 5238

Ion Ratio Lower Upper

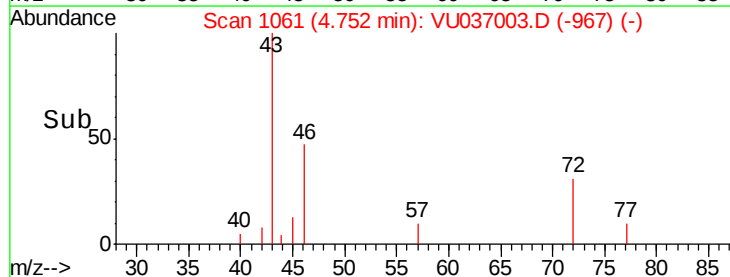
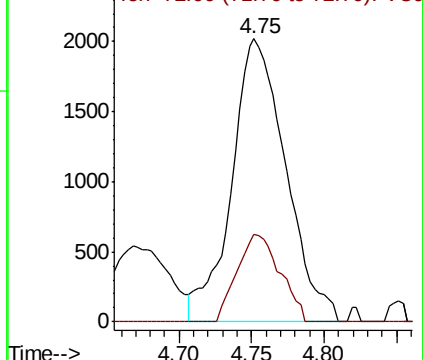
43 100

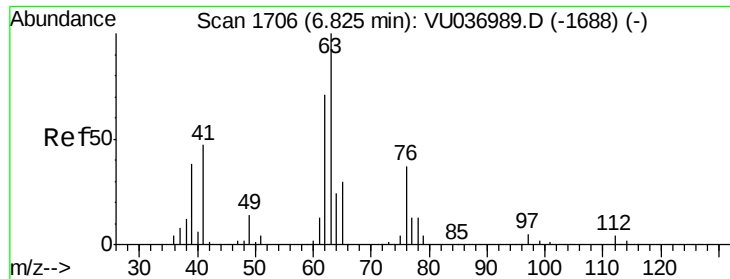
72 24.6 13.9 41.6



Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-1043) (-)

Ion 72.00 (71.70 to 72.70): VU036989.D (-1043) (-)

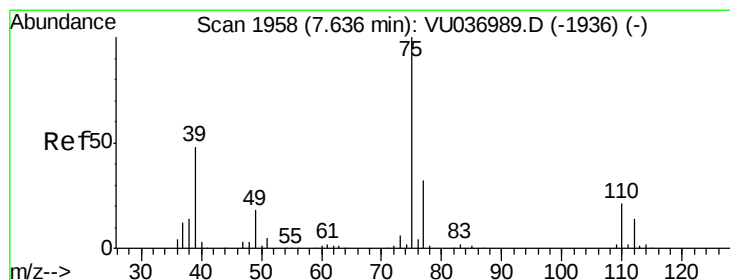
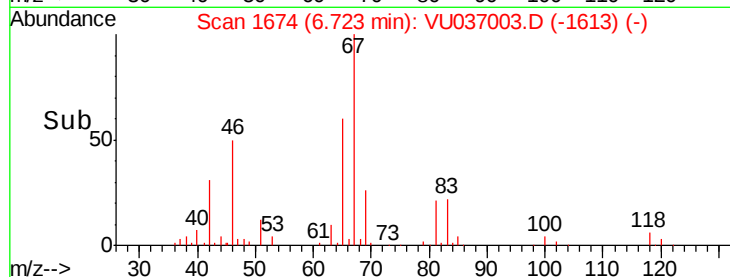
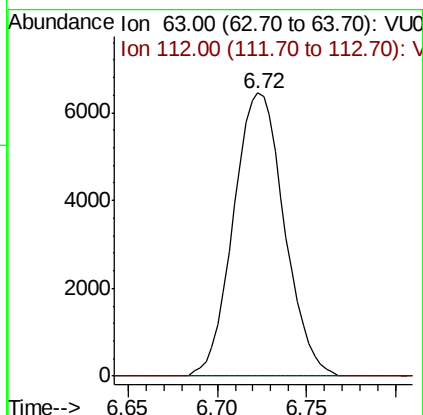
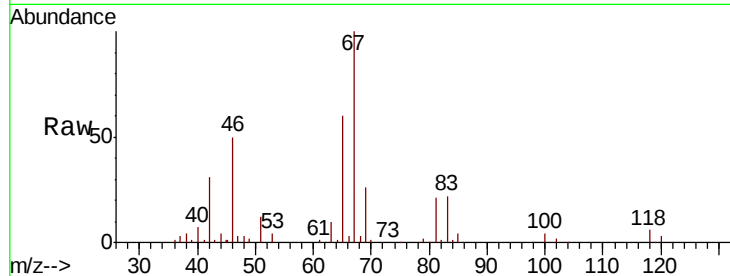




#37
 1,2-Dichloropropane
 Concen: 5.984 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037003.D
 Acq: 02 Mar 2020 16:50

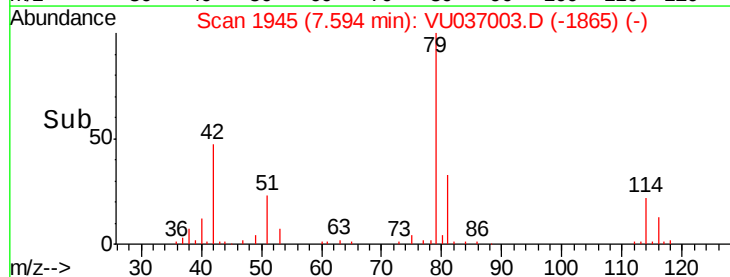
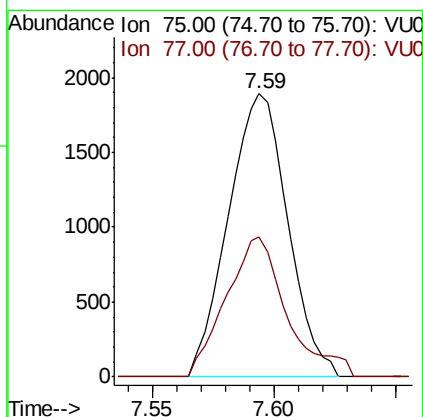
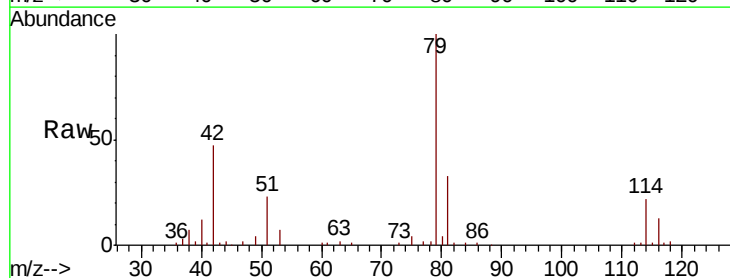
Instrument :
 MSVOA_U
 ClientSampled :

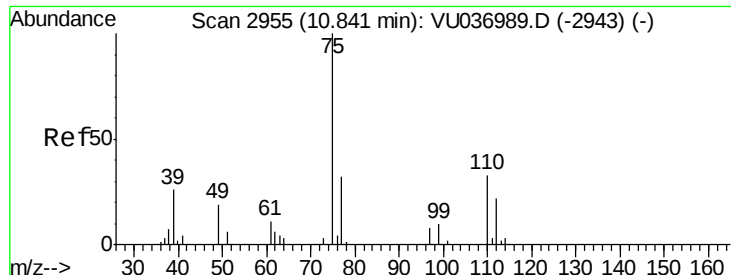
Tot Ion: 63 Resp: 12783
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.971 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037003.D
 Acq: 02 Mar 2020 16:50

Tgt Ion: 75 Resp: 3195
 Ion Ratio Lower Upper
 75 100
 77 49.6 22.0 41.0#





#59

1,2,3-Trichloropropane

Concen: 5.073 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037003.D

Acq: 02 Mar 2020 16:50

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13941

Ion Ratio Lower Upper

75 100

77 35.1 26.2 39.2

