

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037001.D
 Acq On : 02 Mar 2020 16:04
 Operator : JC/MD
 Sample : L1729-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:24:54 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	269164	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84657	37.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.90%
7) Chloroethane-d5	1.93	69	83566	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	2.59	63	117346	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.00%
21) 2-Butanone-d5	4.67	46	159769	105.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.37%
24) Chloroform-d	5.11	84	164932	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.74	65	117449	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.76	84	356890	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
36) 1,2-Dichloropropane-d6	6.72	67	120715	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.92	98	325002	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	8.20	79	51808	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
47) 2-Hexanone-d5	8.66	63	115793	97.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.67%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	168205	49.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	101034	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%

Target Compounds

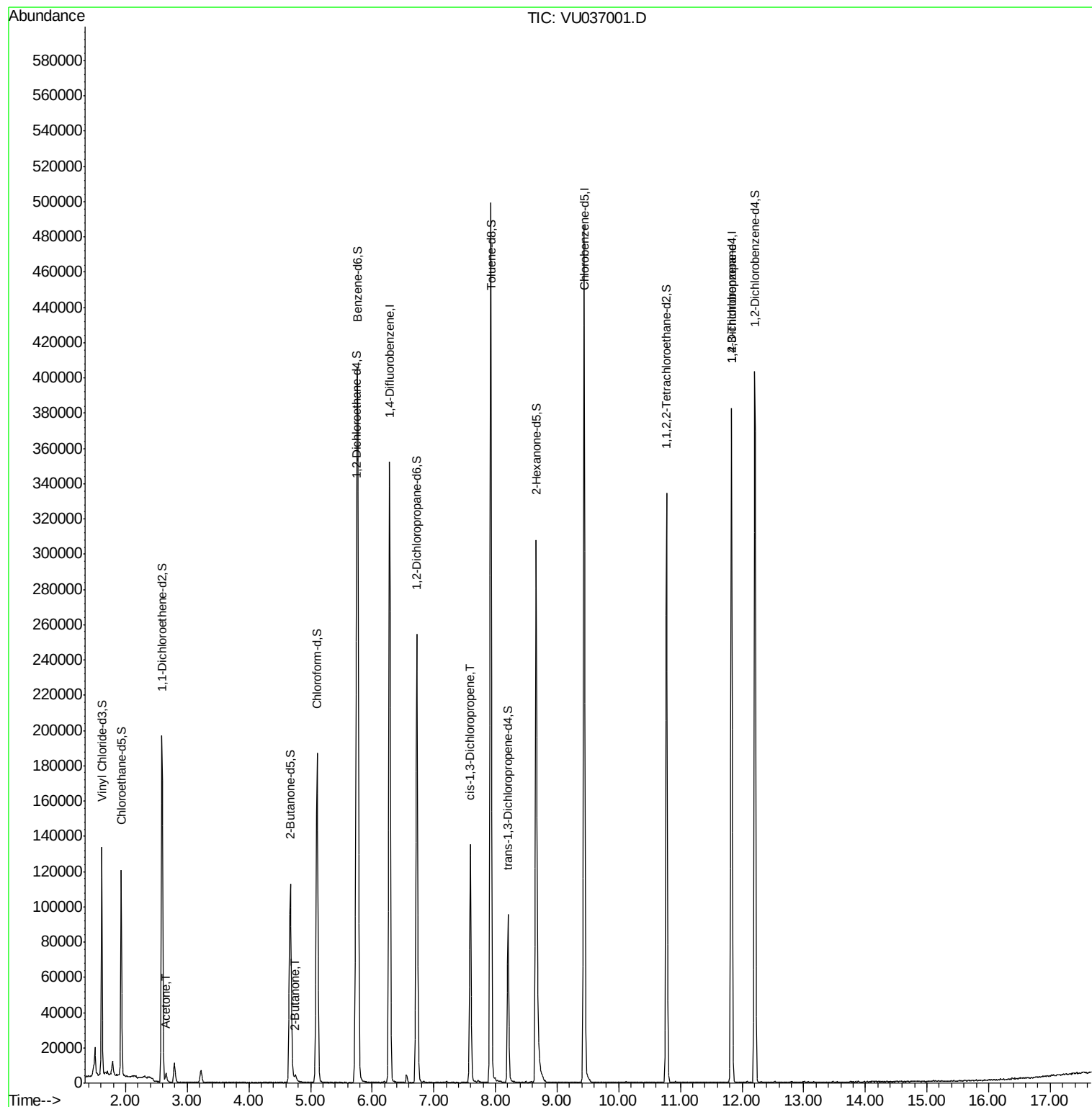
					Ovalue
13) Acetone	2.65	43	5573	3.573 ug/L	99
22) 2-Butanone	4.75	43	4550	2.419 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	3184	0.939 ug/L #	40
59) 1,2,3-Trichloropropane	11.83	75	14473	5.110 ug/L	98

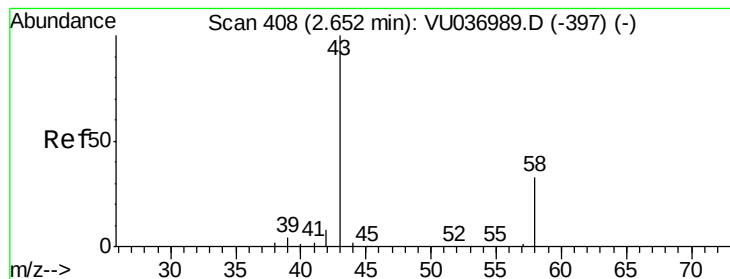
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.573 ug/L

RT: 2.65 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037001.D

Acq: 02 Mar 2020 16:04

Instrument :

MSVOA_U

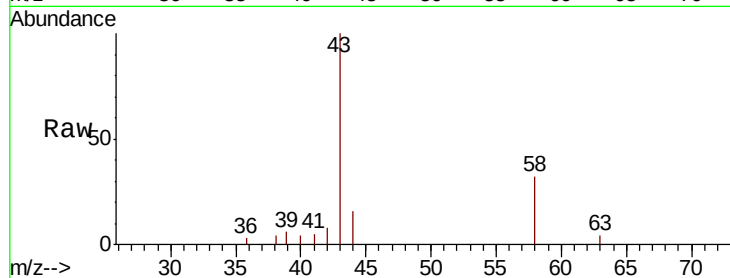
ClientSampleId :

Tot Ion: 43 Resp: 5573

Ion Ratio Lower Upper

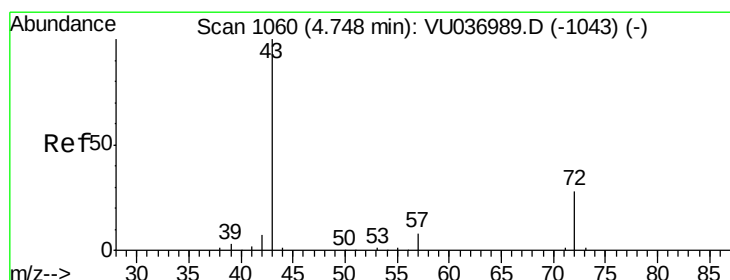
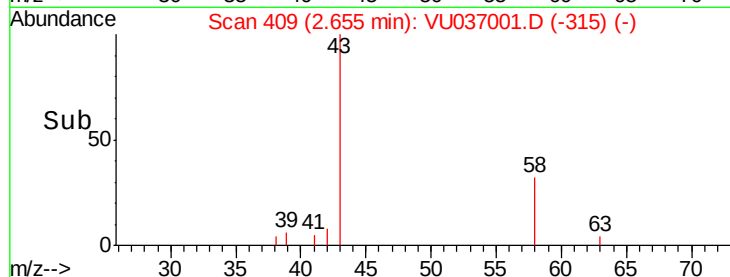
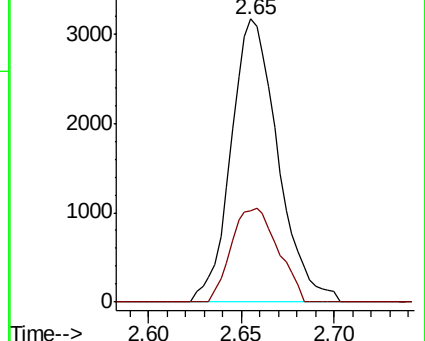
43 100

58 32.9 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: 2.419 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. 0.01 min

Lab File: VU037001.D

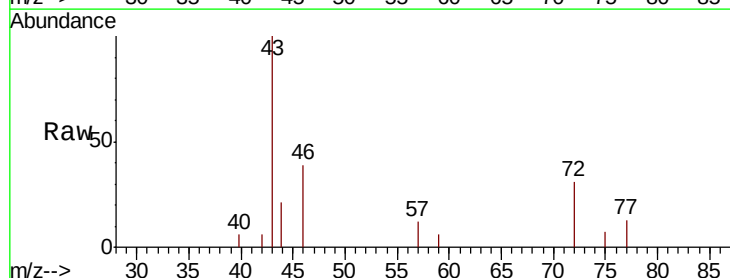
Acq: 02 Mar 2020 16:04

Tgt Ion: 43 Resp: 4550

Ion Ratio Lower Upper

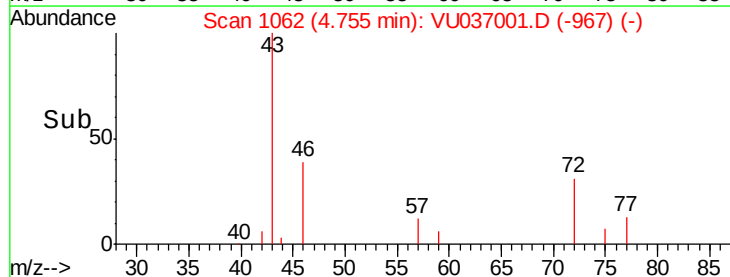
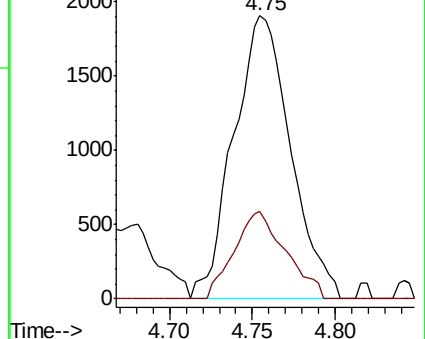
43 100

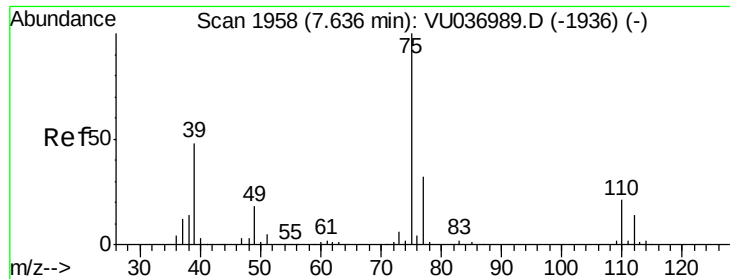
72 28.0 13.9 41.6



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

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

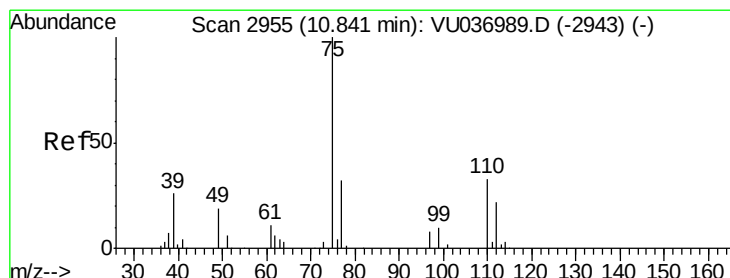
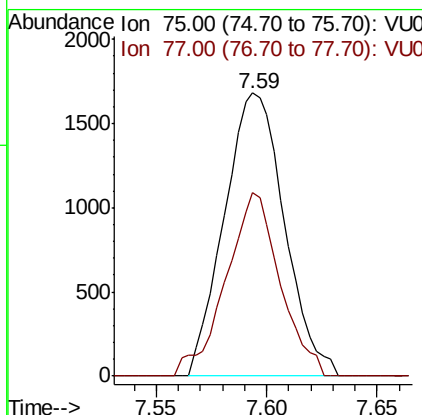
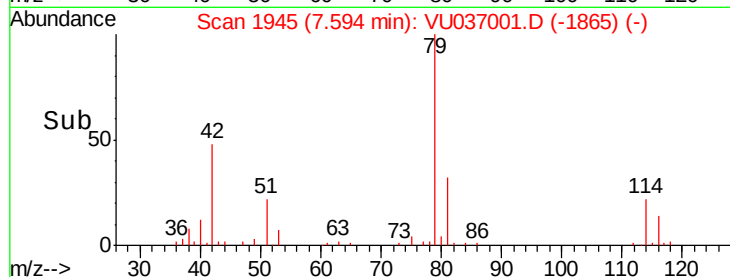
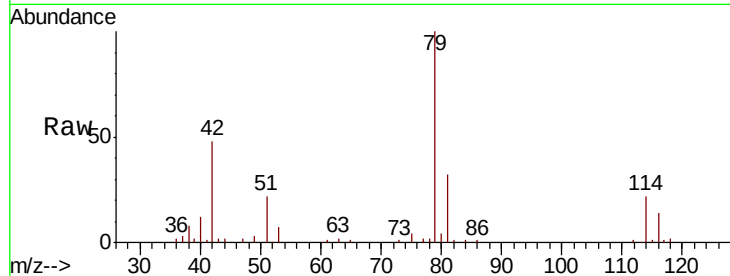




#39
 cis-1,3-Dichloropropene
 Concen: 0.939 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037001.D
 Acq: 02 Mar 2020 16:04

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3184
 Ion Ratio Lower Upper
 75 100
 77 64.8 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.110 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037001.D
 Acq: 02 Mar 2020 16:04

Tgt Ion: 75 Resp: 14473
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.2 39.2

