

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037006.D
 Acq On : 02 Mar 2020 17:58
 Operator : JC/MD
 Sample : L1729-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:25:23 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	266537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	258607	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96196	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82464	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.68%
7) Chloroethane-d5	1.93	69	81422	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.92%
11) 1,1-Dichloroethene-d2	2.59	63	113118	30.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.36%
21) 2-Butanone-d5	4.67	46	158638	105.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	5.11	84	163595	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.74	65	114851	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
32) Benzene-d6	5.76	84	351871	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
36) 1,2-Dichloropropane-d6	6.72	67	118307	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.66%
41) Toluene-d8	7.92	98	318745	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	8.20	79	49598	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.66	63	116410	98.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	170337	49.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	99209	52.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.52%

Target Compounds

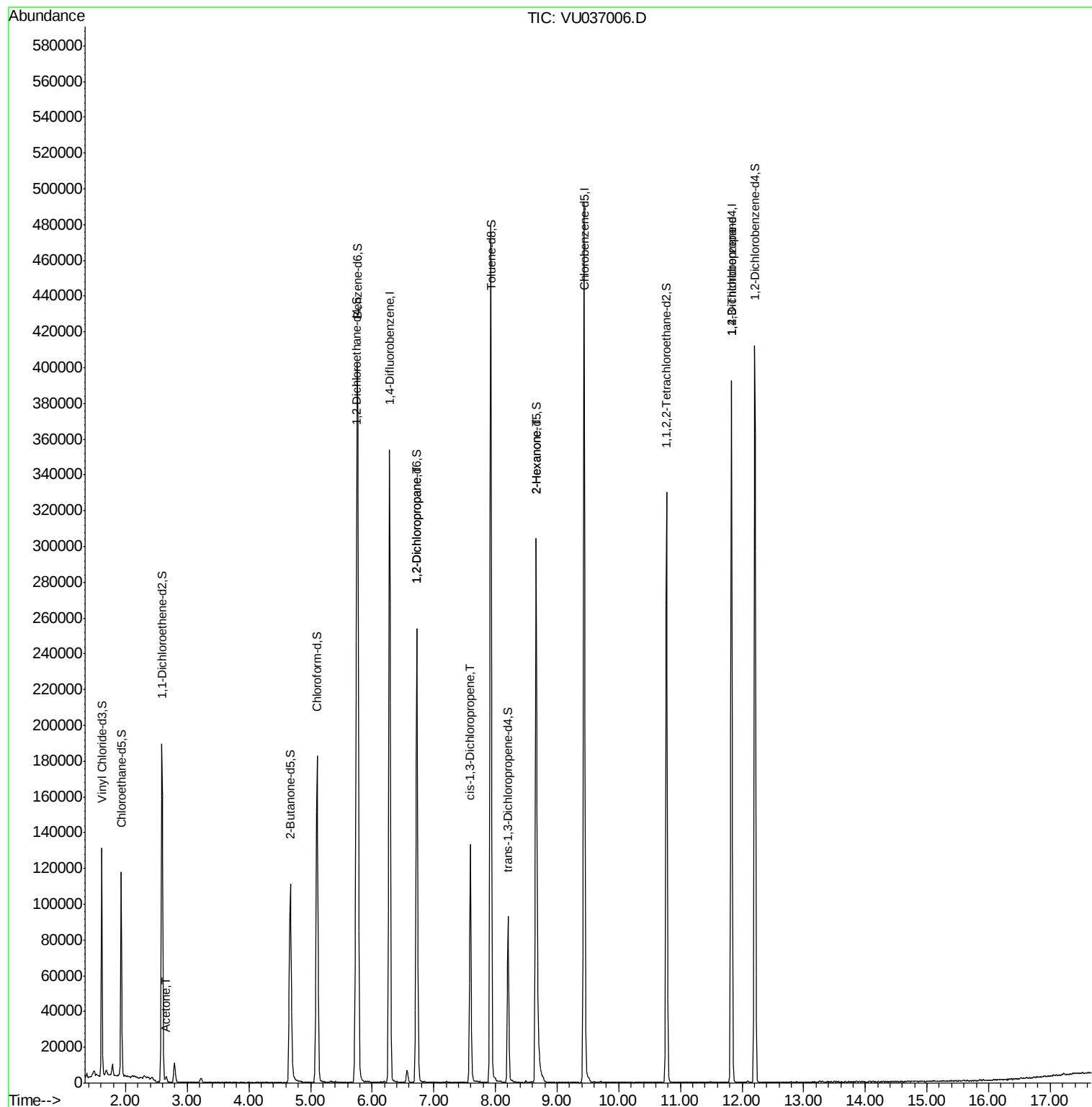
					Ovalue
13) Acetone	2.66	43	3382	2.190 ug/L	95
37) 1,2-Dichloropropane	6.72	63	12623	5.738 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3111	0.918 ug/L #	58
48) 2-Hexanone	8.66	43	13739	5.312 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	13936	4.925 ug/L	93

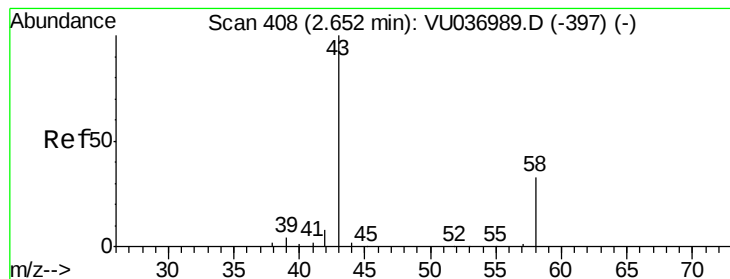
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.190 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037006.D

Acq: 02 Mar 2020 17:58

Instrument :

MSVOA_U

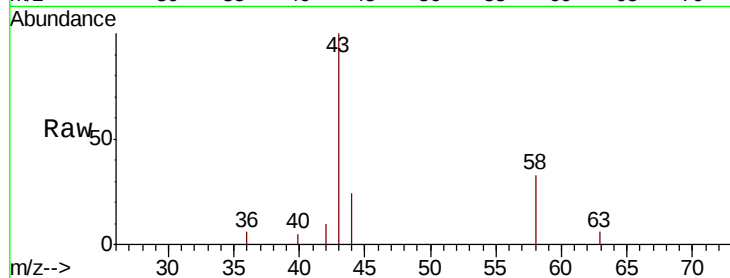
ClientSampleId :

Tot Ion: 43 Resp: 3382

Ion Ratio Lower Upper

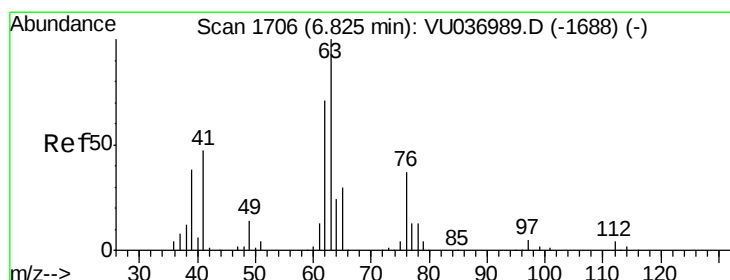
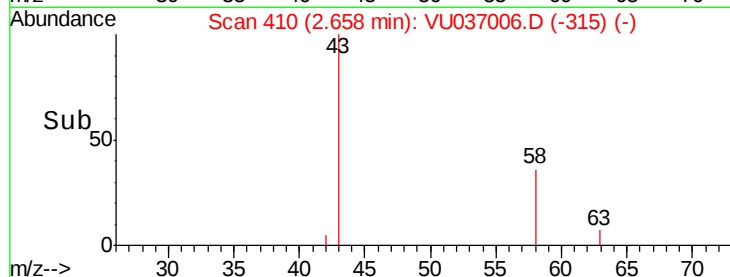
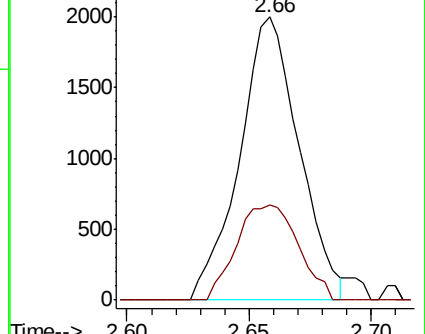
43 100

58 34.9 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) (-)



#37

1,2-Dichloropropane

Concen: 5.738 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037006.D

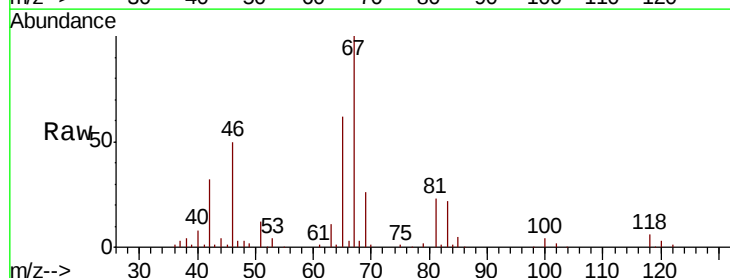
Acq: 02 Mar 2020 17:58

Tgt Ion: 63 Resp: 12623

Ion Ratio Lower Upper

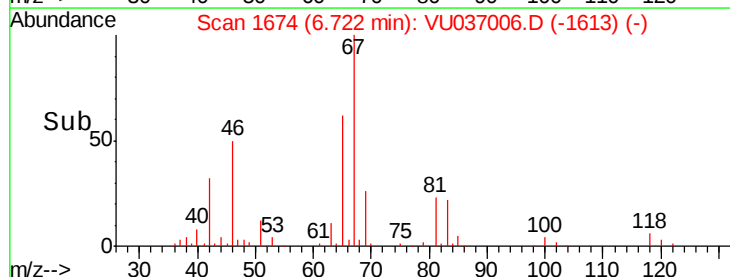
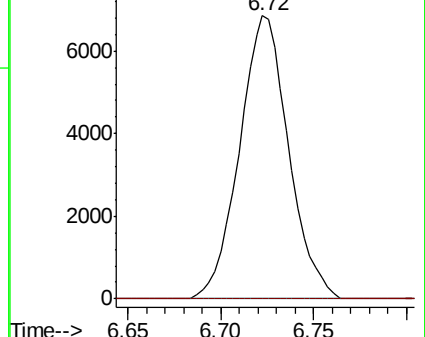
63 100

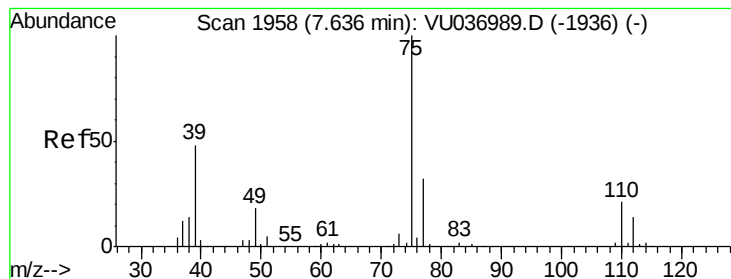
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU036989.D (-1688) (-)

Ion 112.00 (111.70 to 112.70): VU036989.D (-1688) (-)



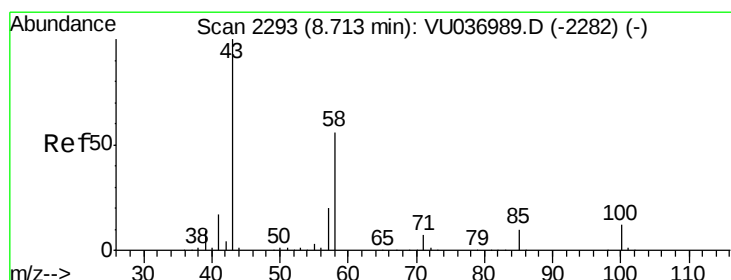
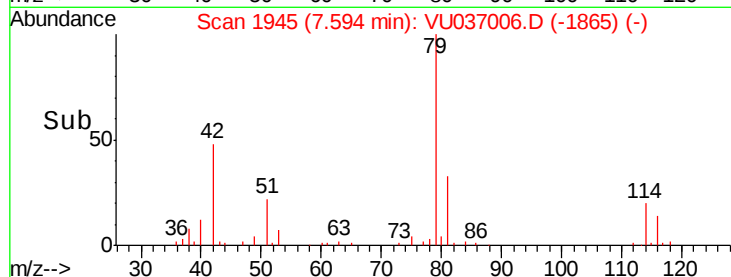
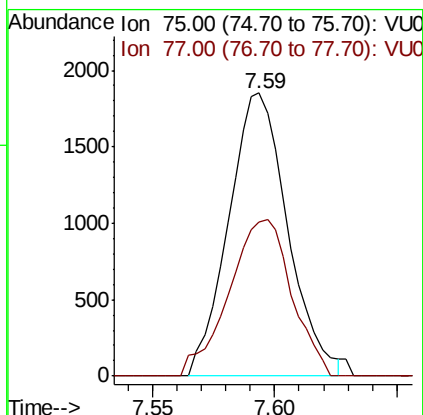
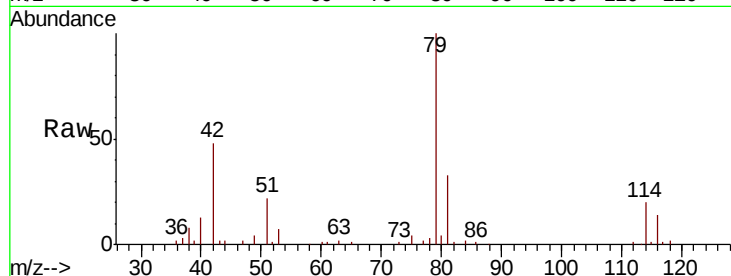


#39

cis-1,3-Dichloropropene
 Concen: 0.918 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037006.D
 Acq: 02 Mar 2020 17:58

Instrument :
 MSVOA_U
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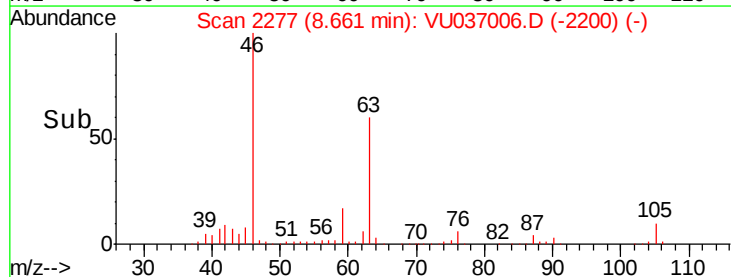
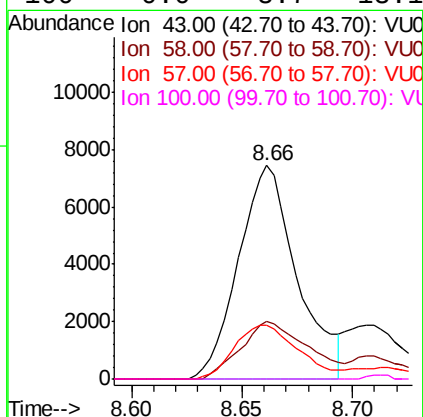
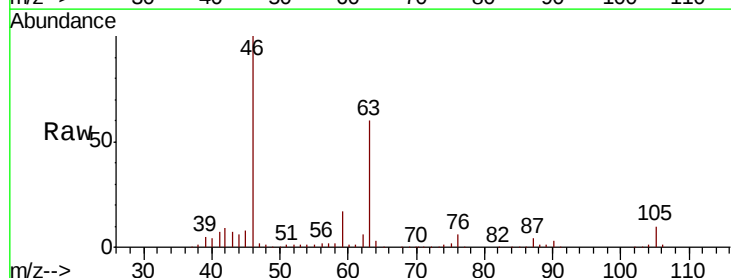
Tot Ion: 75 Resp: 3111
 Ion Ratio Lower Upper
 75 100
 77 54.6 22.0 41.0#

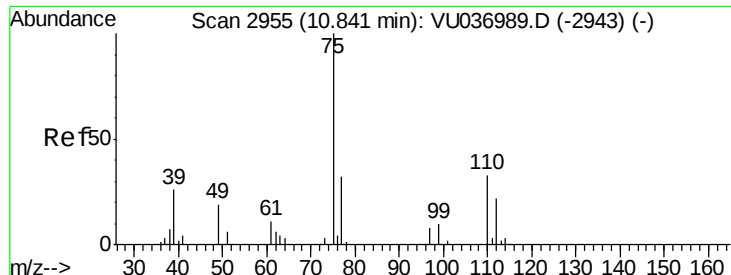


#48

2-Hexanone
 Concen: 5.312 ug/L
 RT: 8.66 min Scan# 2277
 Delta R.T. -0.05 min
 Lab File: VU037006.D
 Acq: 02 Mar 2020 17:58

Tgt Ion: 43 Resp: 13739
 Ion Ratio Lower Upper
 43 100
 58 31.2 43.5 65.3#
 57 27.4 15.1 22.7#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 4.925 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037006.D

Acq: 02 Mar 2020 17:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13936

Ion Ratio Lower Upper

75 100

77 36.8 26.2 39.2

