

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU036994.D
 Acq On : 02 Mar 2020 13:24
 Operator : JC/MD
 Sample : L1732-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:24:10 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	275895	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	261328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	96552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90900	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.46%
7) Chloroethane-d5	1.93	69	85874	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.59	63	121463	31.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.62%
21) 2-Butanone-d5	4.67	46	166116	106.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.89%
24) Chloroform-d	5.11	84	168009	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.74	65	119773	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
32) Benzene-d6	5.76	84	368857	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
36) 1,2-Dichloropropane-d6	6.72	67	123377	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.78%
41) Toluene-d8	7.92	98	331702	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	8.20	79	53354	46.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.78%
47) 2-Hexanone-d5	8.66	63	120886	100.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	172862	50.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.16%
64) 1,2-Dichlorobenzene-d4	12.21	152	100604	53.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

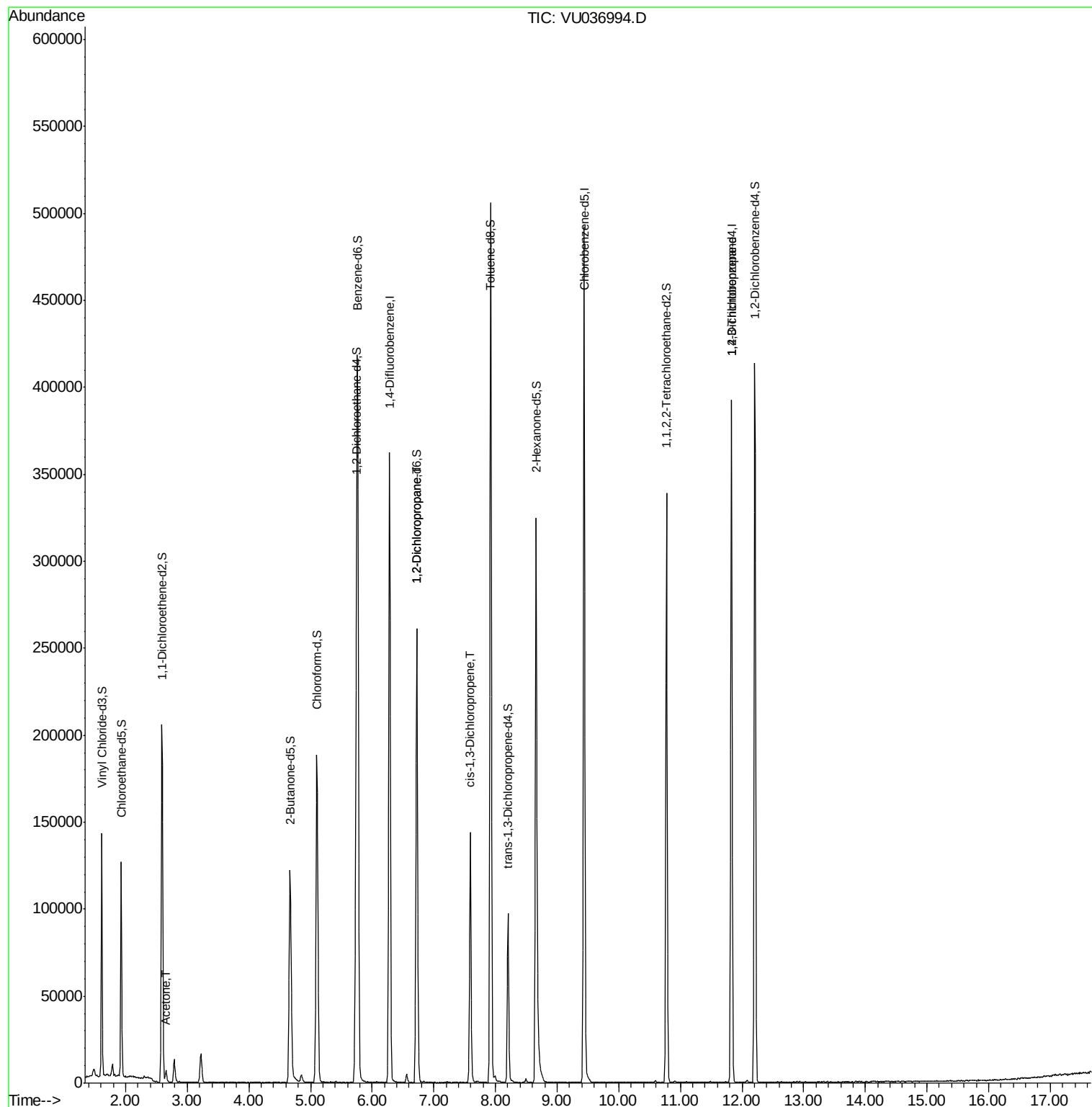
					Ovalue
13) Acetone	2.66	43	7004	4.381 ug/L	97
37) 1,2-Dichloropropane	6.72	63	13849	6.230 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3526	1.030 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	14177	4.958 ug/L	93

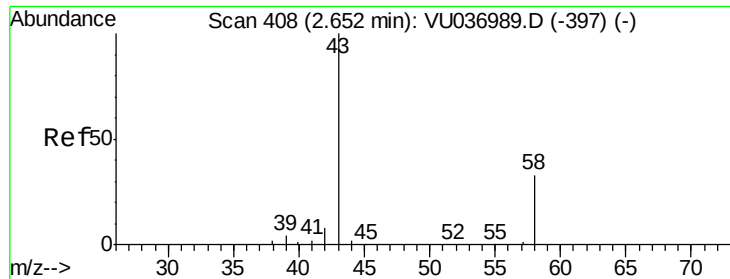
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.381 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036994.D

Acq: 02 Mar 2020 13:24

Instrument :

MSVOA_U

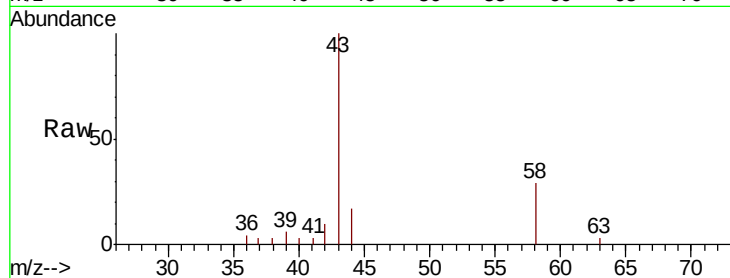
ClientSampleId :

Tot Ion: 43 Resp: 7004

Ion Ratio Lower Upper

43 100

58 30.8 0.0 64.6



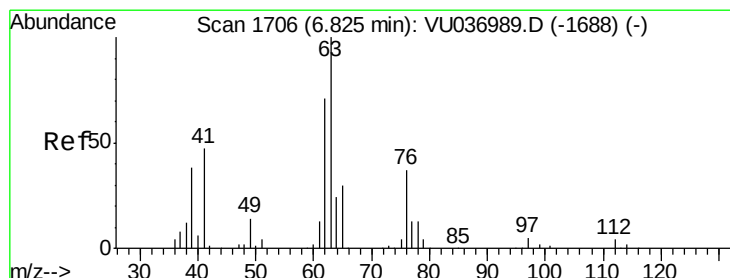
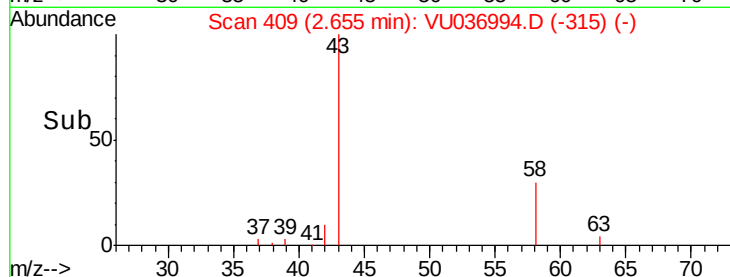
Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-397) (-)

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

2.66

Time-->

2.60 2.65 2.70



#37

1,2-Dichloropropane

Concen: 6.230 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU036994.D

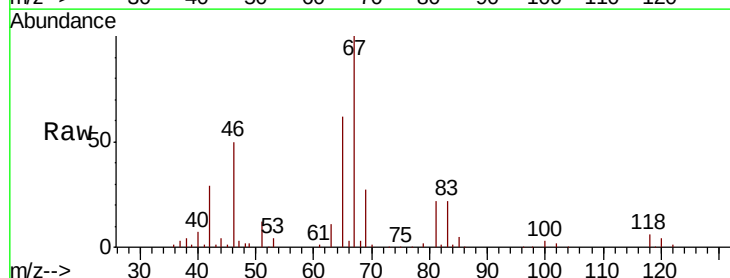
Acq: 02 Mar 2020 13:24

Tgt Ion: 63 Resp: 13849

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



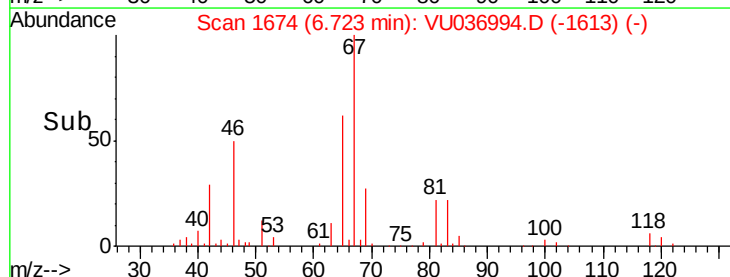
Abundance Ion 63.00 (62.70 to 63.70): VU036989.D (-1688) (-)

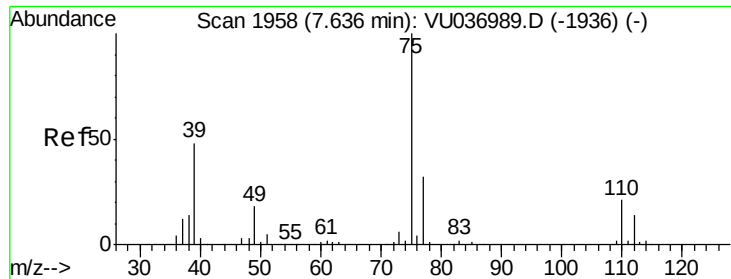
Ion 112.00 (111.70 to 112.70): VU036989.D (-1688) (-)

6.72

Time-->

6.65 6.70 6.75 6.80

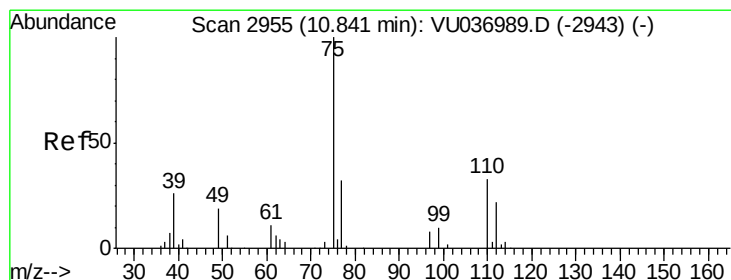
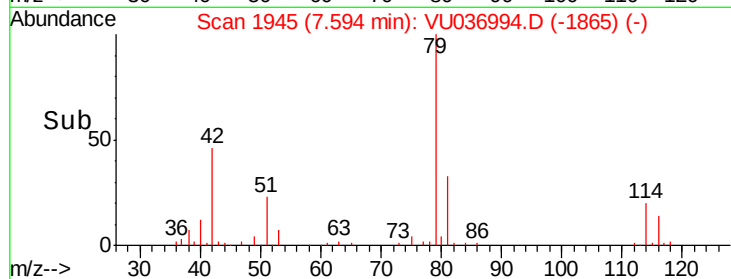
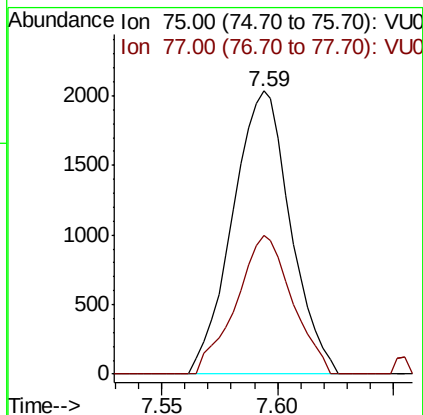
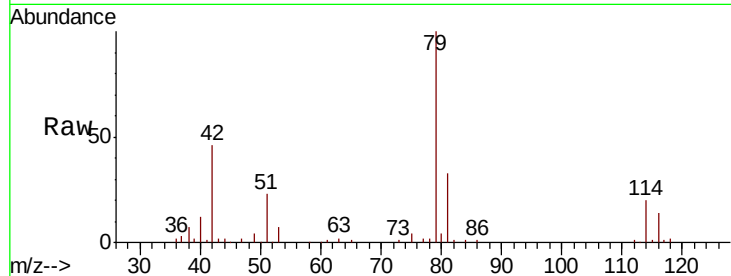




#39
 cis-1,3-Dichloropropene
 Concen: 1.030 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036994.D
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Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3526
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 4.958 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU036994.D
 Acq: 02 Mar 2020 13:24

Tgt Ion: 75 Resp: 14177
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.2 39.2

