

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037009.D
 Acq On : 02 Mar 2020 19:07
 Operator : JC/MD
 Sample : L1729-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:25:40 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	259493	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	92014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82392	37.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.62%
7) Chloroethane-d5	1.93	69	80192	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.94%
11) 1,1-Dichloroethene-d2	2.59	63	112160	30.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.48%
21) 2-Butanone-d5	4.67	46	168036	114.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.96%
24) Chloroform-d	5.10	84	162900	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.74	65	114517	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.70%
32) Benzene-d6	5.76	84	351332	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.72	67	118184	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.66%
41) Toluene-d8	7.93	98	316266	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.20	79	50700	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.84%
47) 2-Hexanone-d5	8.66	63	118732	104.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.43%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	169096	51.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.16%
64) 1,2-Dichlorobenzene-d4	12.21	152	98747	54.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

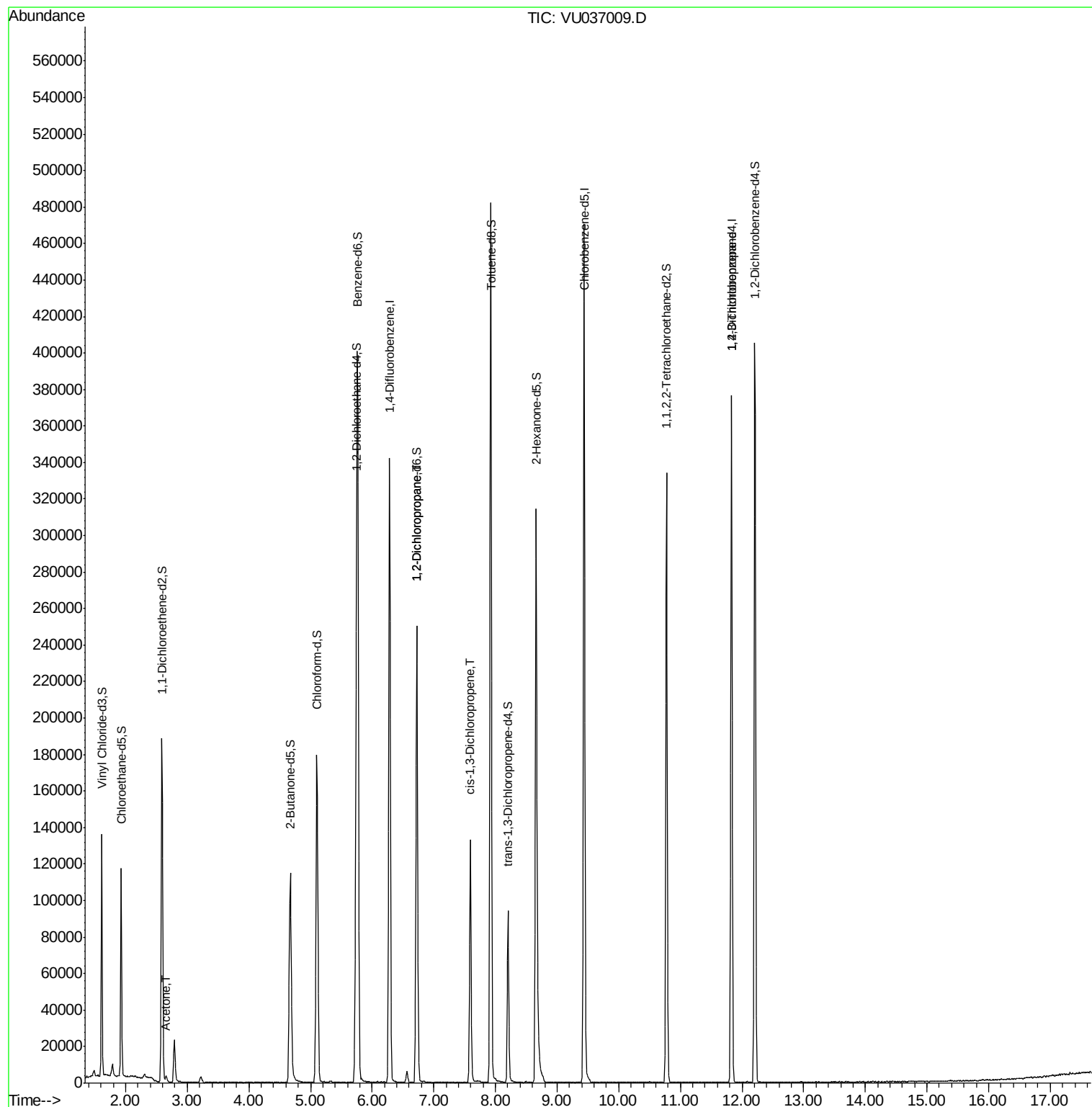
					Ovalue
13) Acetone	2.66	43	3711	2.468 ug/L	98
37) 1,2-Dichloropropane	6.72	63	12742	6.035 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3153	0.970 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	14336	5.279 ug/L	98

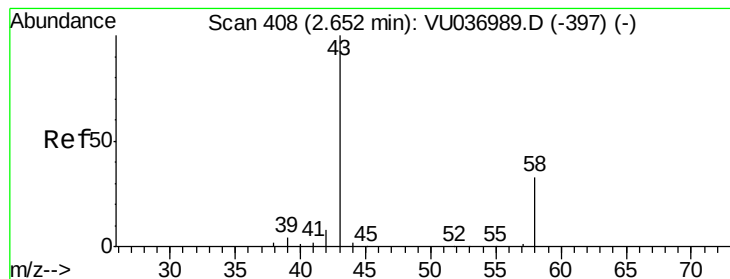
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.468 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037009.D

Acq: 02 Mar 2020 19:07

Instrument :

MSVOA_U

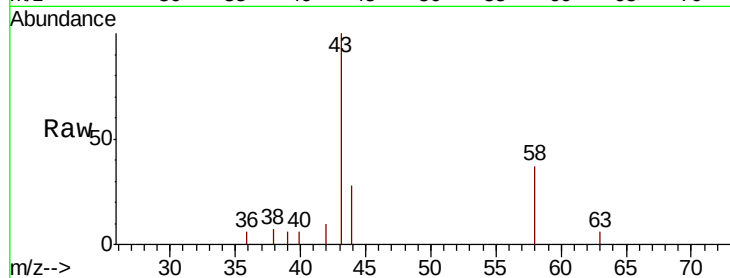
ClientSampleId :

Tot Ion: 43 Resp: 3711

Ion Ratio Lower Upper

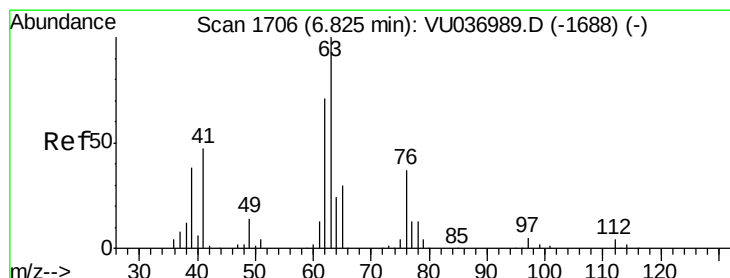
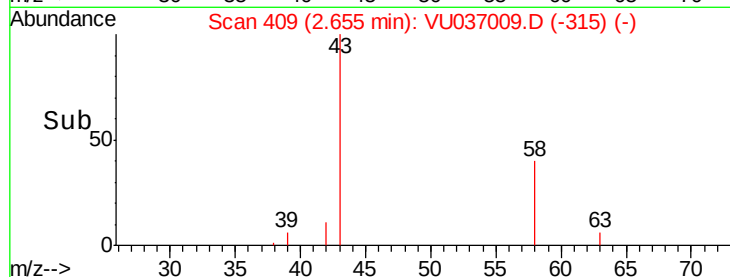
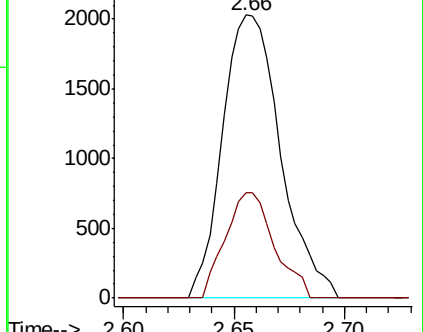
43 100

58 31.3 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: 6.035 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037009.D

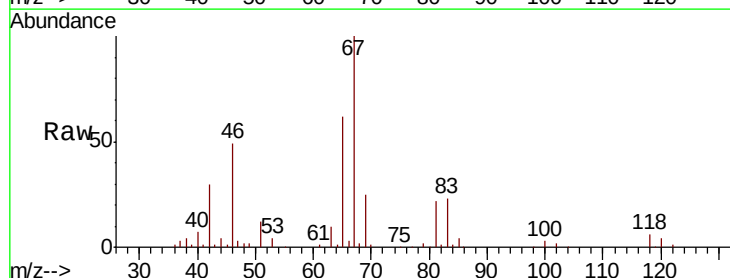
Acq: 02 Mar 2020 19:07

Tgt Ion: 63 Resp: 12742

Ion Ratio Lower Upper

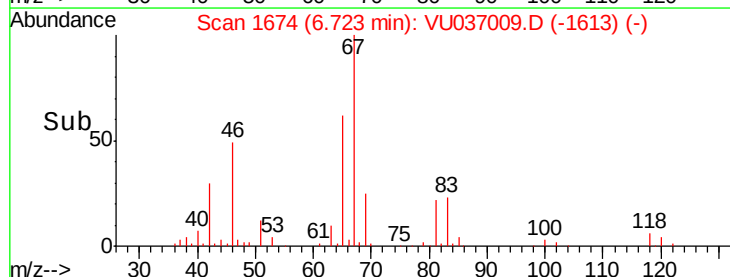
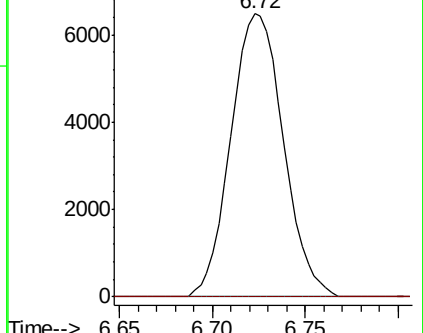
63 100

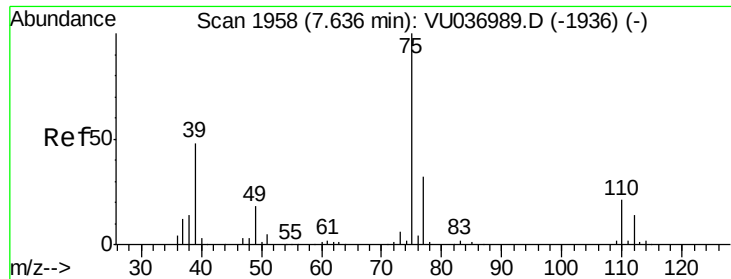
112 0.0 3.0 4.6#



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

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

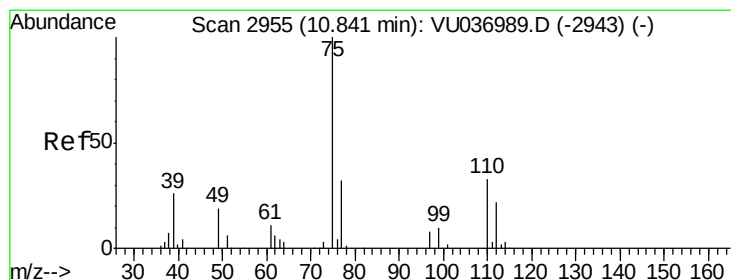
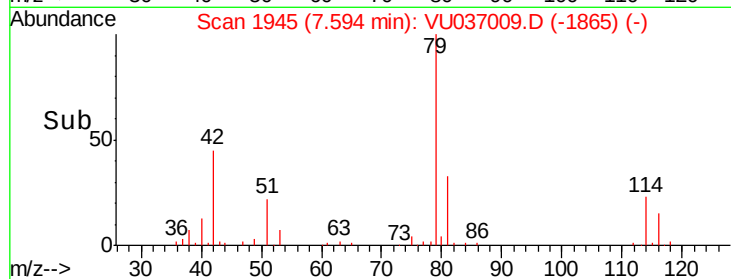
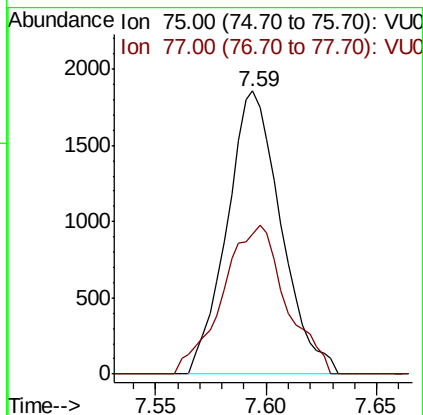
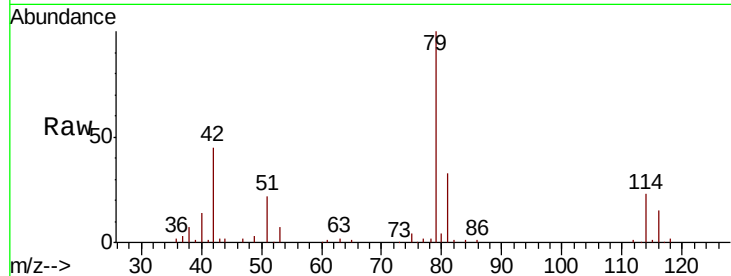




#39
 cis-1,3-Dichloropropene
 Concen: 0.970 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037009.D
 Acq: 02 Mar 2020 19:07

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 3153
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.279 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037009.D
 Acq: 02 Mar 2020 19:07

Tgt Ion: 75 Resp: 14336
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.2 39.2

