

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037008.D
 Acq On : 02 Mar 2020 18:44
 Operator : JC/MD
 Sample : L1729-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:25:35 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	262943	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249208	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	93429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79501	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.00%
7) Chloroethane-d5	1.93	69	78947	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.42%
11) 1,1-Dichloroethene-d2	2.59	63	111270	30.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.18%
21) 2-Butanone-d5	4.67	46	163866	110.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.63%
24) Chloroform-d	5.11	84	162539	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	112693	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
32) Benzene-d6	5.76	84	346471	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.72	67	117200	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.40%
41) Toluene-d8	7.92	98	312064	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	8.20	79	49431	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.66	63	117028	102.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.51%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	168534	51.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	96865	53.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.08%

Target Compounds

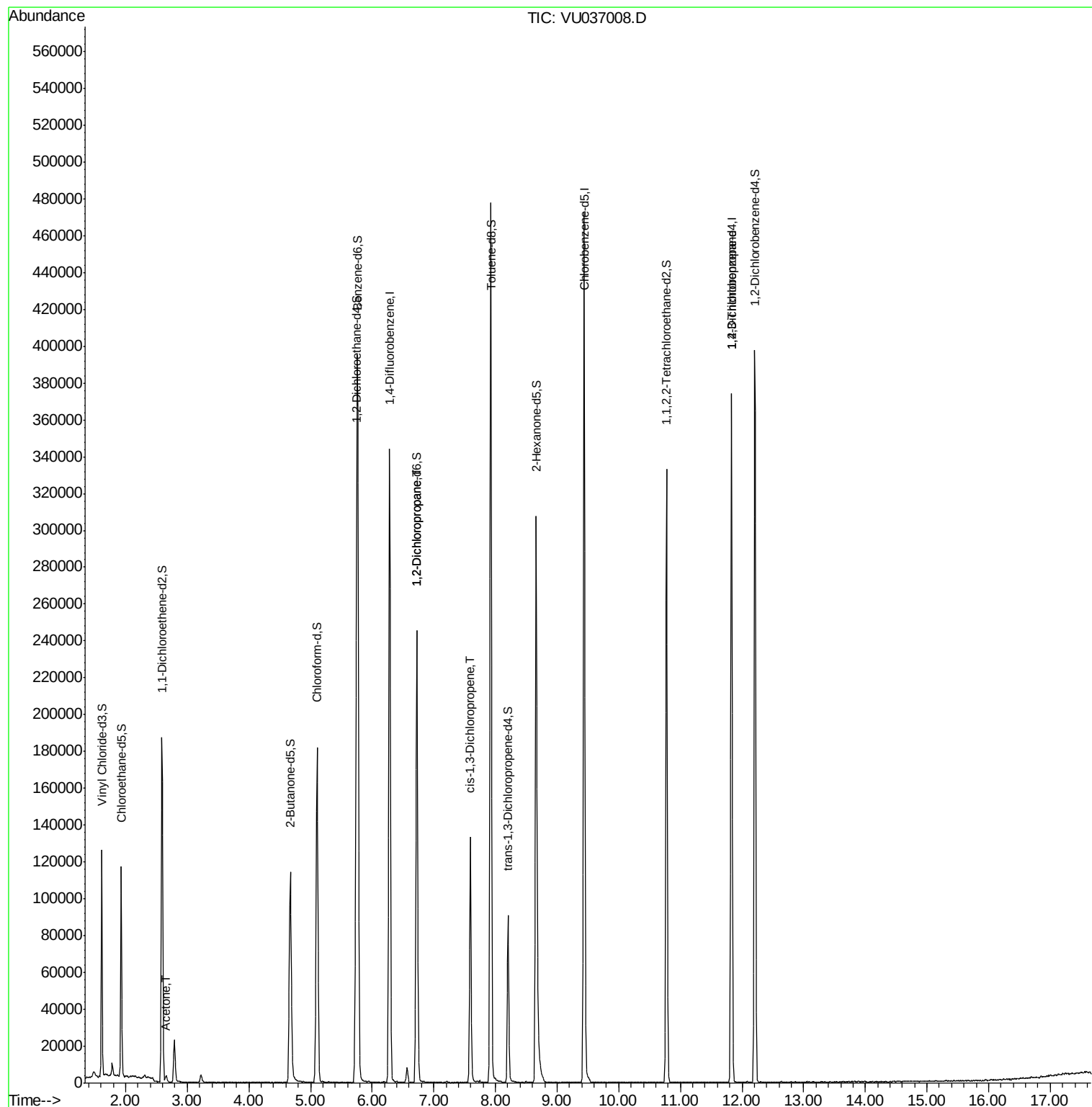
					Ovalue
13) Acetone	2.66	43	4016	2.636 ug/L	97
37) 1,2-Dichloropropane	6.72	63	12720	6.001 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2958	0.906 ug/L #	49
59) 1,2,3-Trichloropropane	11.83	75	14213	5.212 ug/L	94

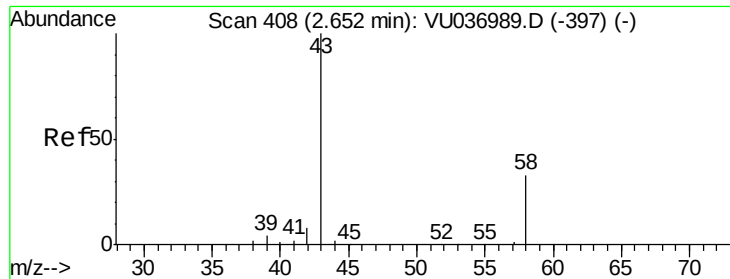
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.636 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037008.D

Acq: 02 Mar 2020 18:44

Instrument :

MSVOA_U

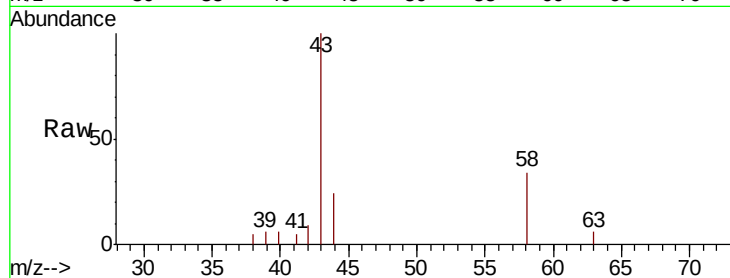
ClientSampleId :

Tot Ion: 43 Resp: 4016

Ion Ratio Lower Upper

43 100

58 30.5 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

2000

1500

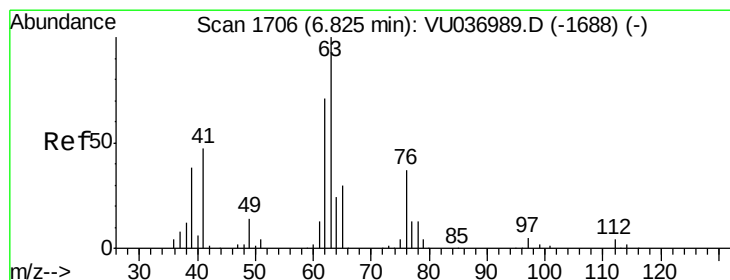
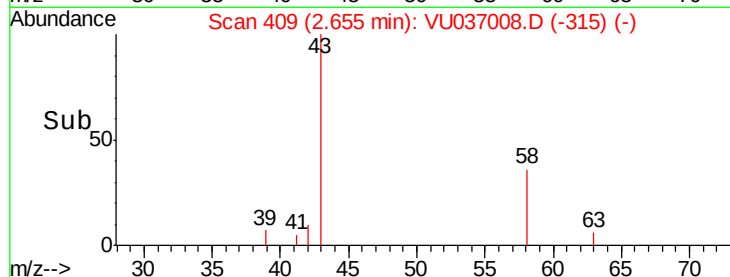
1000

500

0

2.60 2.65 2.70

Time-->



#37

1,2-Dichloropropane

Concen: 6.001 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037008.D

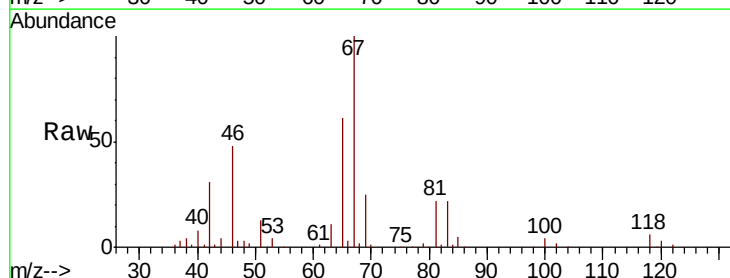
Acq: 02 Mar 2020 18:44

Tgt Ion: 63 Resp: 12720

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

6000

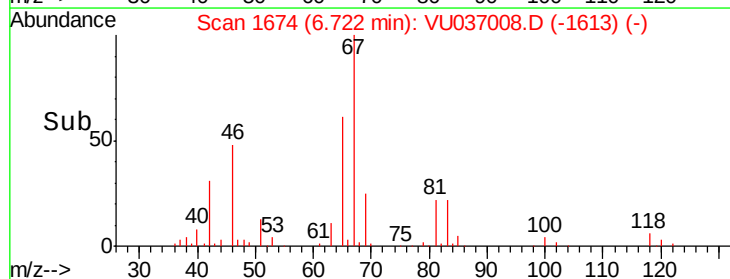
4000

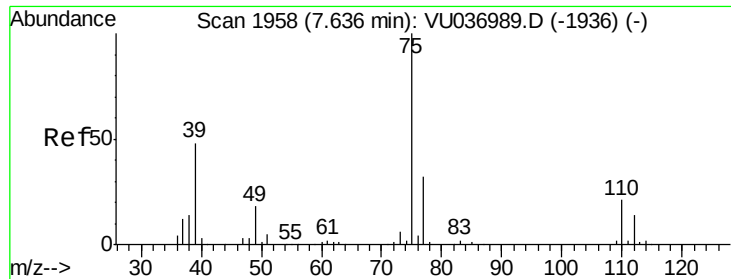
2000

0

6.65 6.70 6.75

Time-->

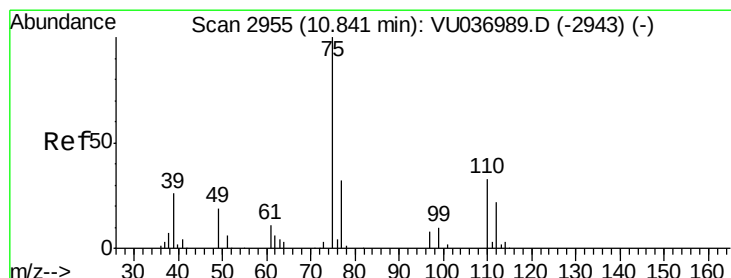
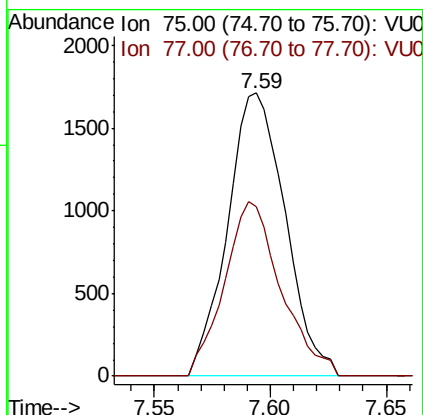
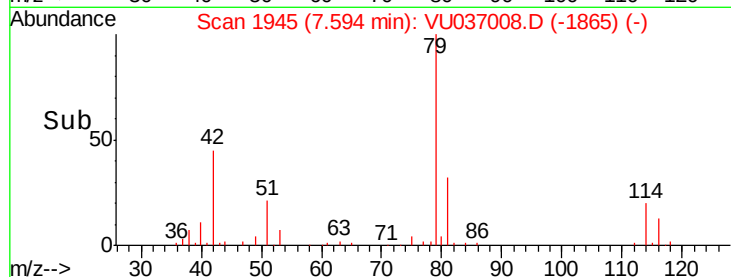
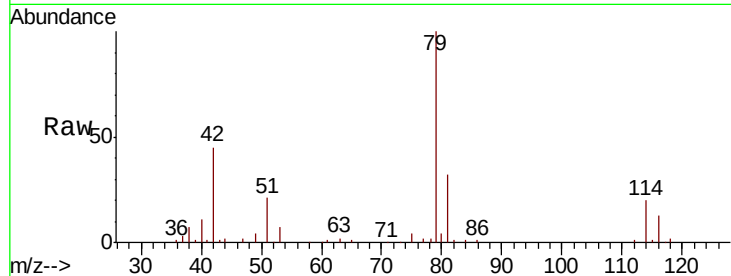




#39
 cis-1,3-Dichloropropene
 Concen: 0.906 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037008.D
 Acq: 02 Mar 2020 18:44

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2958
 Ion Ratio Lower Upper
 75 100
 77 59.9 22.0 41.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.212 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037008.D
 Acq: 02 Mar 2020 18:44

Tgt Ion: 75 Resp: 14213
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.2 39.2

