

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032720\
 Data File : VU037384.D
 Acq On : 27 Mar 2020 21:23
 Operator : JC/MD
 Sample : L1976-15 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 28 01:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:55:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261802	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84641	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.80%
7) Chloroethane-d5	1.93	69	65632	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.64%
11) 1,1-Dichloroethene-d2	2.59	63	131355	35.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.98%
21) 2-Butanone-d5	4.66	46	156891	103.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.95%
24) Chloroform-d	5.10	84	168694	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
26) 1,2-Dichloroethane-d4	5.74	65	116672	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
32) Benzene-d6	5.76	84	347096	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
36) 1,2-Dichloropropane-d6	6.72	67	112653	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.92	98	335091	52.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.52%
43) trans-1,3-Dichloropropene-	8.20	79	62222	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
47) 2-Hexanone-d5	8.65	63	125274	98.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	165620	50.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.34%
64) 1,2-Dichlorobenzene-d4	12.21	152	134943	50.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.58%

Target Compounds

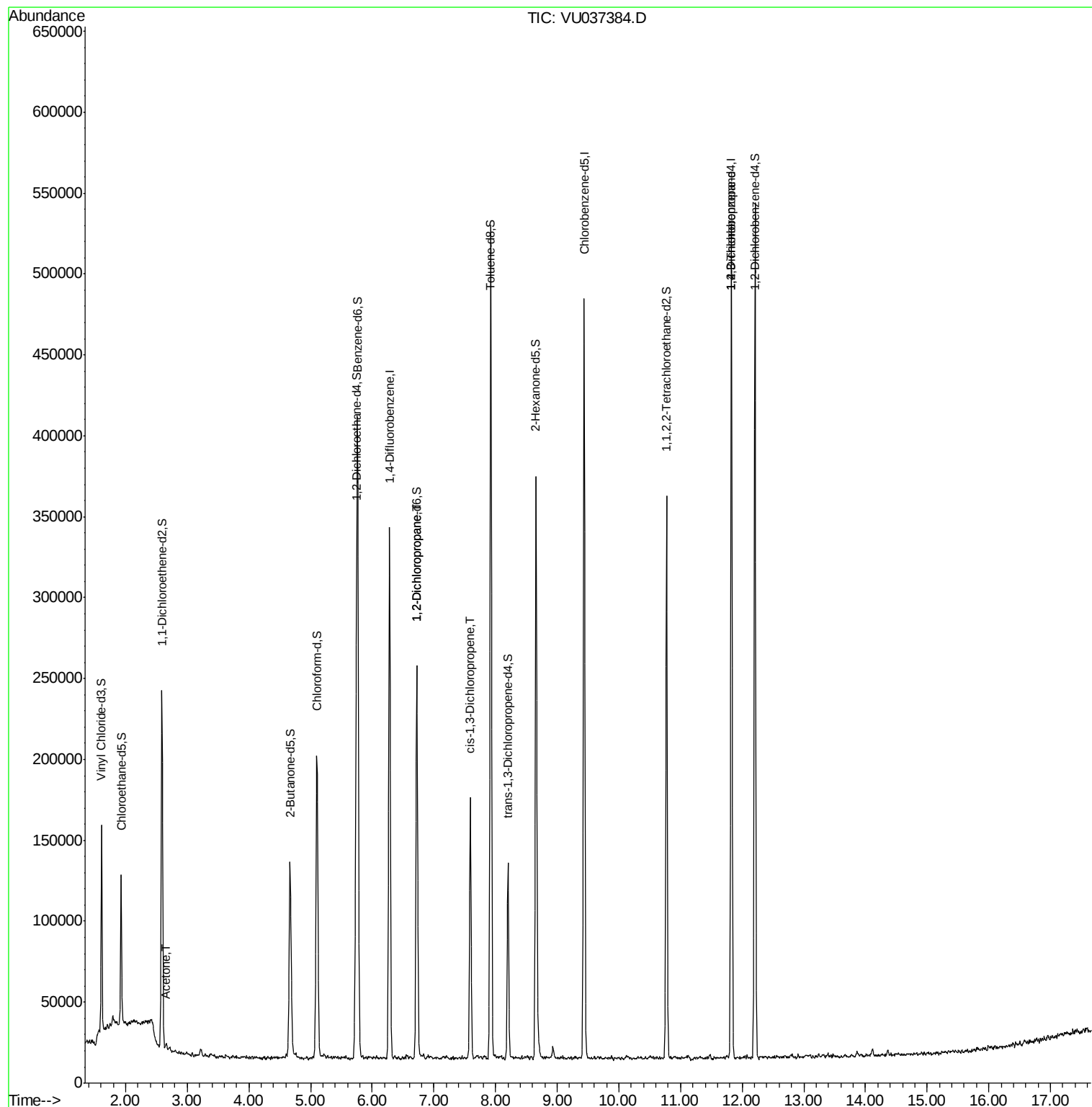
					Ovalue
13) Acetone	2.66	43	3208	2.699 ug/L	75
37) 1,2-Dichloropropane	6.72	63	12984	5.595 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	4206	1.076 ug/L #	64
59) 1,2,3-Trichloropropane	11.83	75	16109	5.047 ug/L	92

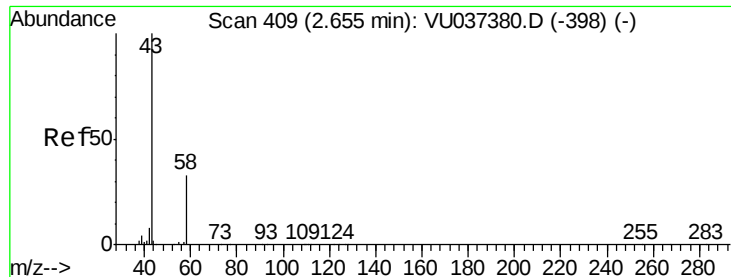
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.699 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037384.D

Acq: 27 Mar 2020 21:23

Instrument :

MSVOA_U

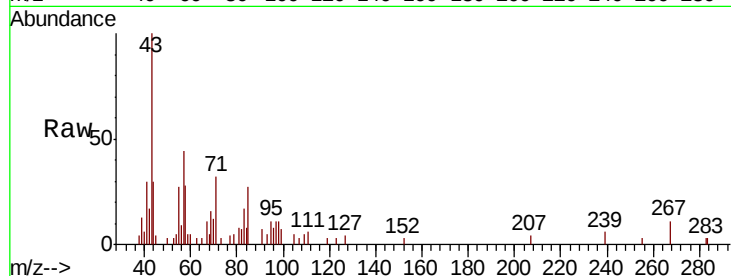
ClientSampled :

Tot Ion: 43 Resp: 3208

Ion Ratio Lower Upper

43 100

58 45.0 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU037380.D (-398) (-)

Ion 58.00 (57.70 to 58.70): VU037380.D (-398) (-)

2.66

4000

3000

2000

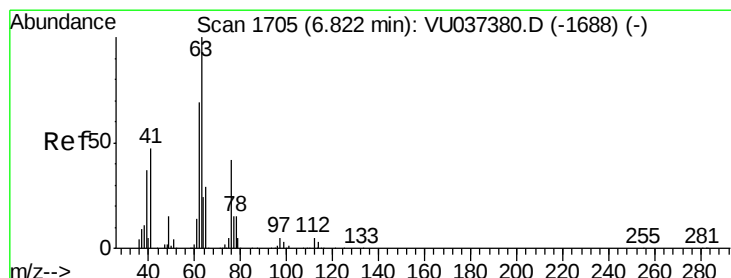
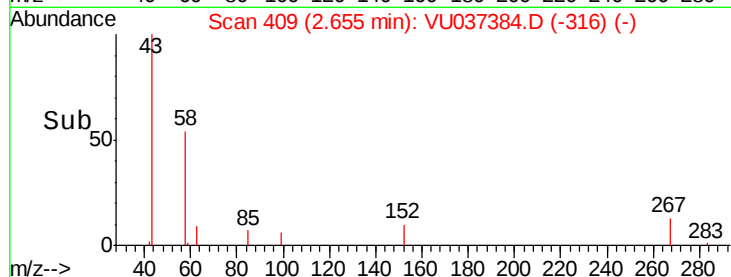
1000

0

Time-->

2.65

2.70



#37

1,2-Dichloropropane

Concen: 5.595 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037384.D

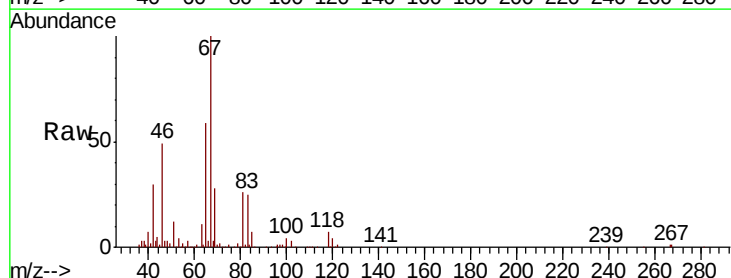
Acq: 27 Mar 2020 21:23

Tgt Ion: 63 Resp: 12984

Ion Ratio Lower Upper

63 100

112 0.6 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VU037380.D (-1688) (-)

Ion 112.00 (111.70 to 112.70): VU037380.D (-1688) (-)

6.72

8000

6000

4000

2000

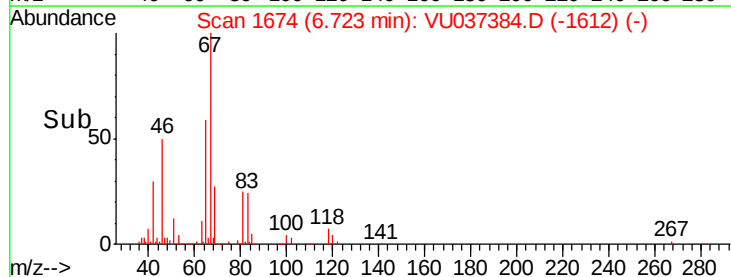
0

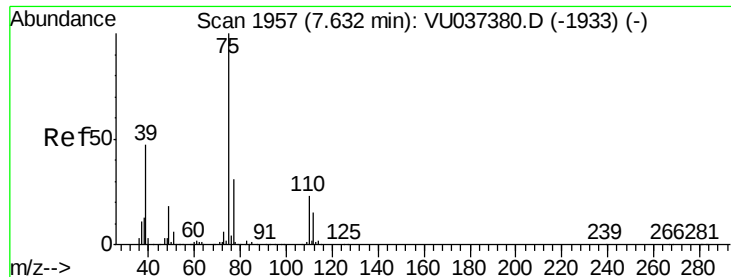
Time-->

6.65

6.70

6.75





#39

cis-1,3-Dichloropropene

Concen: 1.076 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037384.D

Acq: 27 Mar 2020 21:23

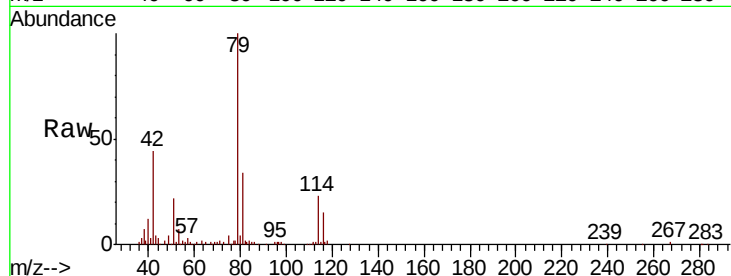
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 4206

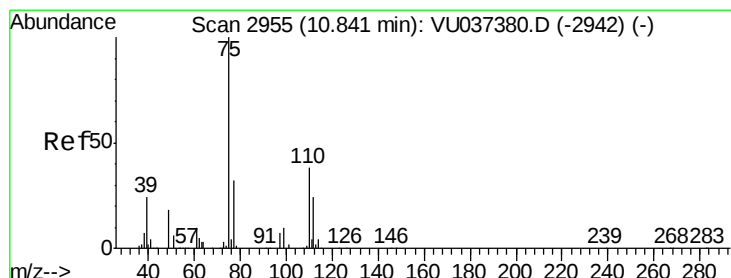
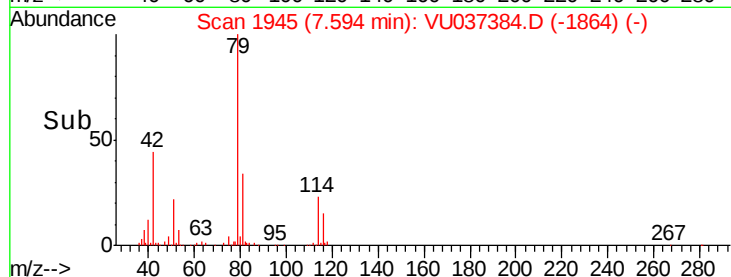
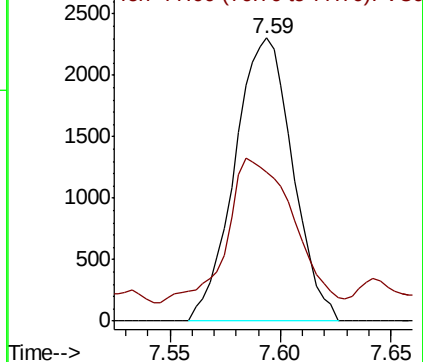
Ion Ratio Lower Upper

75 100

77 52.6 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.047 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037384.D

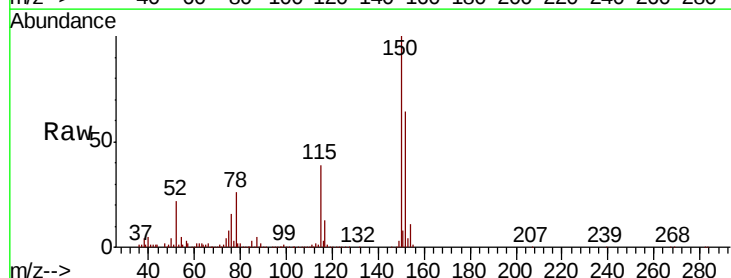
Acq: 27 Mar 2020 21:23

Tgt Ion: 75 Resp: 16109

Ion Ratio Lower Upper

75 100

77 36.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

