

Data File : VU037036.D
Acq On : 04 Mar 2020 11:43
Operator : JC/MD
Sample : L1746-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY2DL

Quant Time: Mar 05 00:59:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	255906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247230	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95453	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.84%
7) Chloroethane-d5	1.93	69	91510	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.59	63	126187	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.12%
21) 2-Butanone-d5	4.67	46	149574	103.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	5.11	84	165381	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.74	65	114766	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.76	84	355100	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.72	67	118113	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.98%
41) Toluene-d8	7.92	98	313818	47.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.62%
43) trans-1,3-Dichloropropene-	8.20	79	47425	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.12%
47) 2-Hexanone-d5	8.66	63	99919	88.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	163492	50.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.12%
64) 1,2-Dichlorobenzene-d4	12.21	152	91687	54.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.04%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	1378	0.843	ug/L #	23
20) cis-1,2-Dichloroethene	4.71	96	1602	0.807	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	3099	1.169	ug/L	98
34) Trichloroethene	6.57	95	118693	61.830	ug/L	99
37) 1,2-Dichloropropane	6.73	63	12921	6.144	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3183	0.983	ug/L #	60
59) 1,2,3-Trichloropropene	11.83	75	13216	4.885	ug/L	96

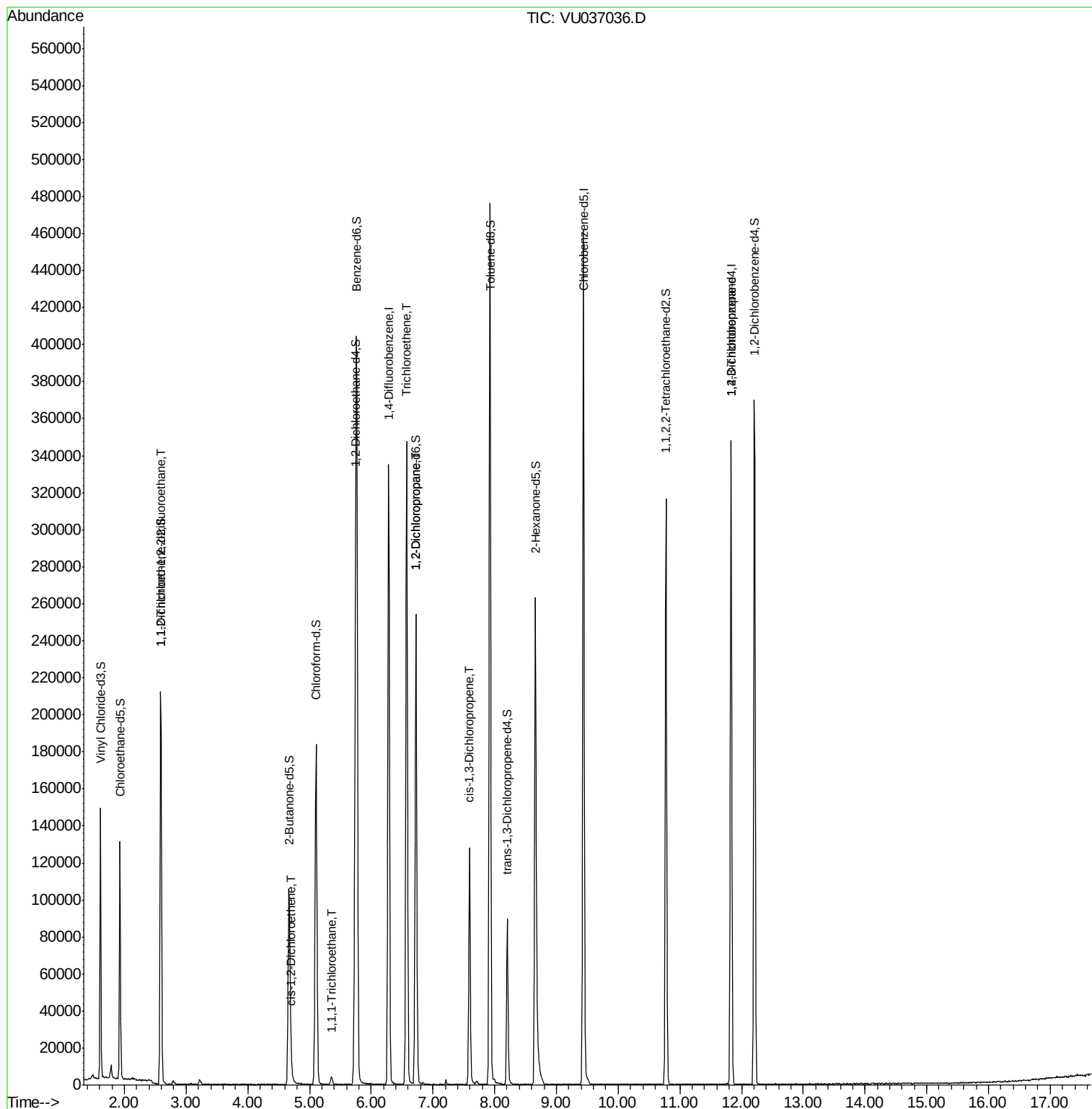
(#) = qualifier out of range (m) = manual integration (+) = signals summed

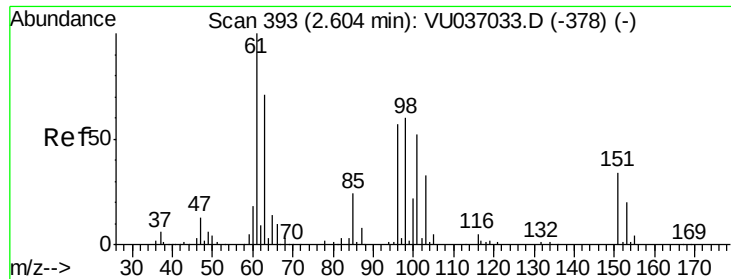
Data File : VU037036.D

```
Acq On       : 04 Mar 2020   11:43
Operator    : JC/MD
Sample      : L1746-04DL 10X
Misc       : 5.0mL/MSVOA_U/WATER
ALS Vial    : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
C0AY2DL

Quant Time: Mar 05 00:59:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 00:57:10 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.843 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037036.D

Acq: 04 Mar 2020 11:43

Instrument :

MSVOA_U

ClientSampled :

C0AY2DL

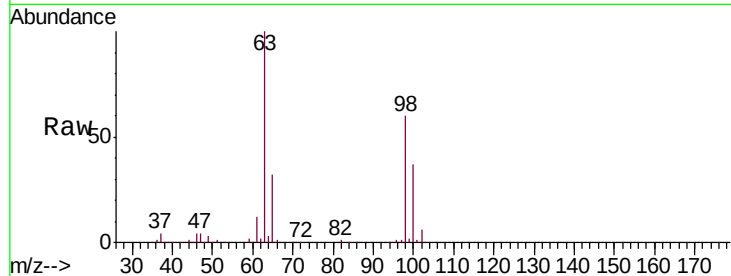
Tgt Ion: 101 Resp: 1378

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

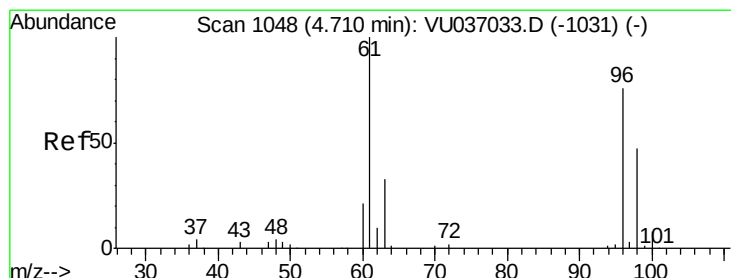
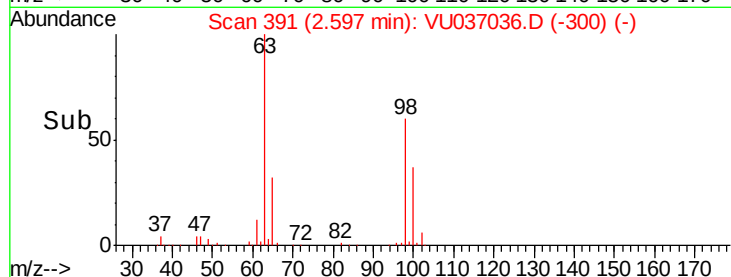
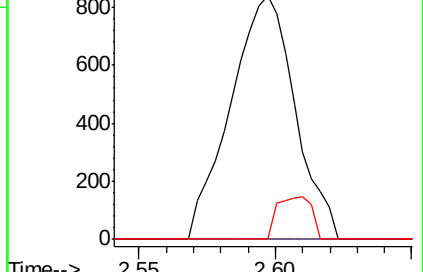
151 0.0 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 0.807 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU037036.D

Acq: 04 Mar 2020 11:43

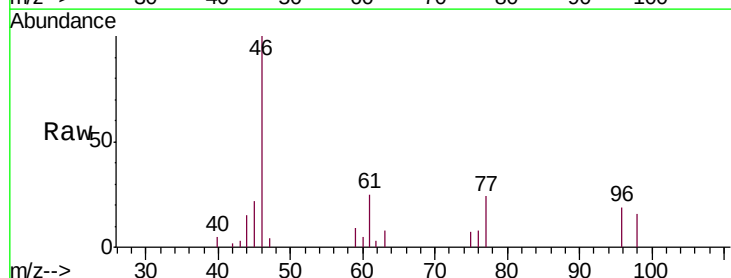
Tgt Ion: 96 Resp: 1602

Ion Ratio Lower Upper

96 100

61 132.4 93.1 172.9

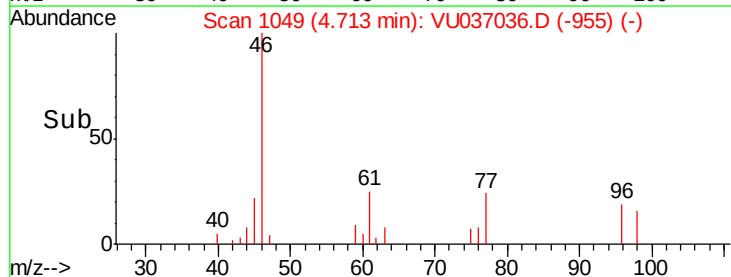
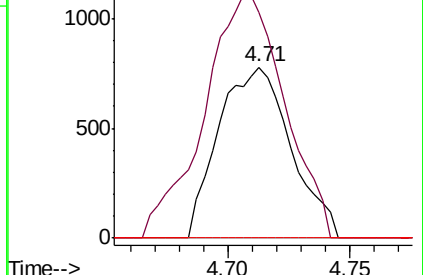
68 0.0 0.0 0.0

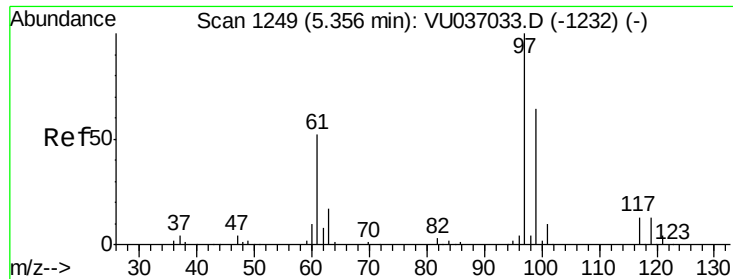


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

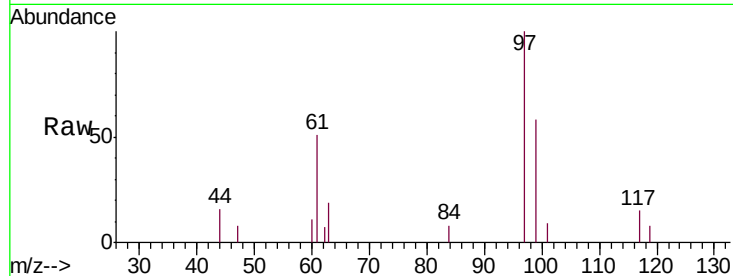




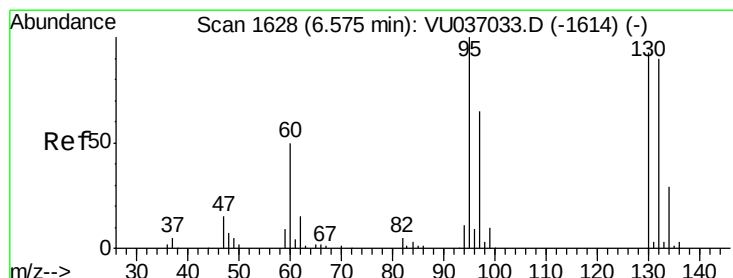
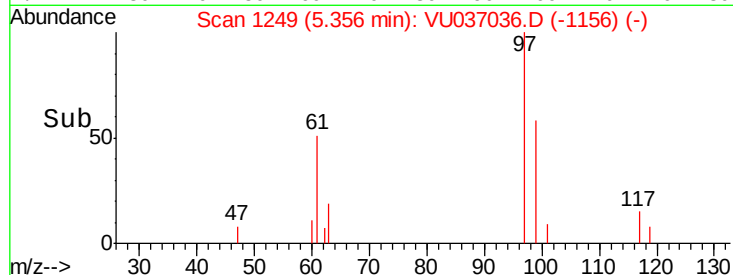
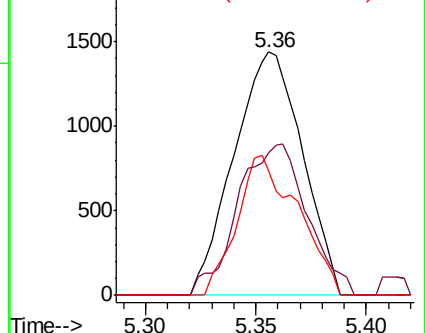
#30
 1,1,1-Trichloroethane
 Concen: 1.169 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: VU037036.D
 Acq: 04 Mar 2020 11:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY2DL

Tgt Ion: 97 Resp: 3099
 Ion Ratio Lower Upper
 97 100
 99 60.8 50.4 75.6
 61 51.2 40.3 60.5



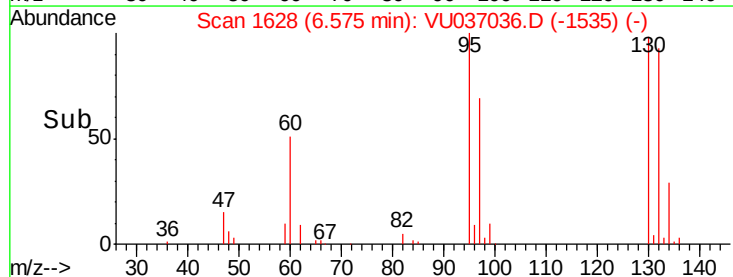
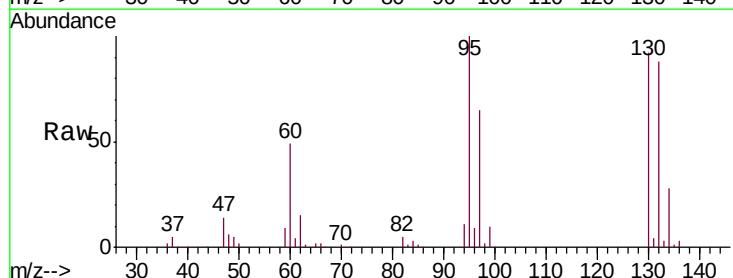
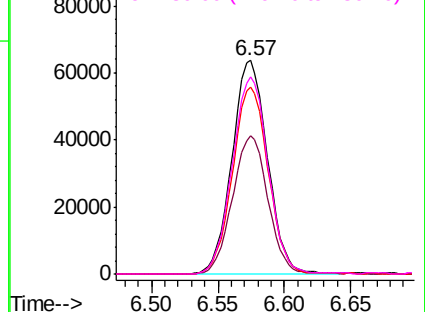
Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

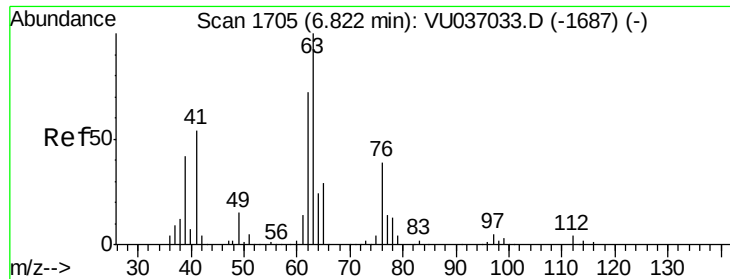


#34
 Trichloroethene
 Concen: 61.830 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037036.D
 Acq: 04 Mar 2020 11:43

Tgt Ion: 95 Resp: 118693
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.1 81.9
 132 87.7 60.6 112.6
 130 92.2 64.9 120.5

Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V





#37

1,2-Dichloropropane

Concen: 6.144 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037036.D

Acq: 04 Mar 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

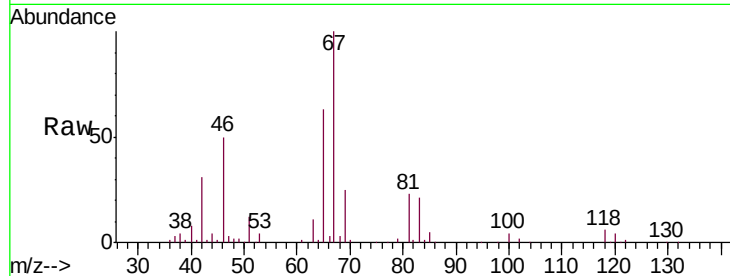
C0AY2DL

Tgt Ion: 63 Resp: 12921

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037033.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037033.D (-1687) (-)

6.73

8000

6000

4000

2000

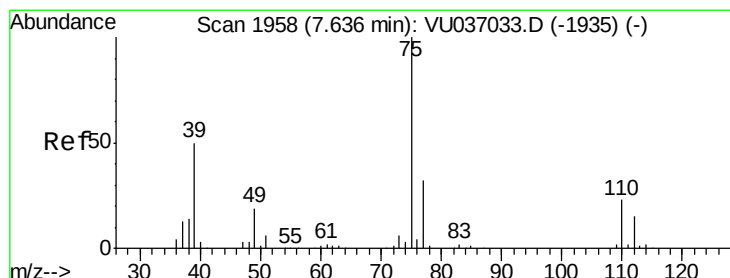
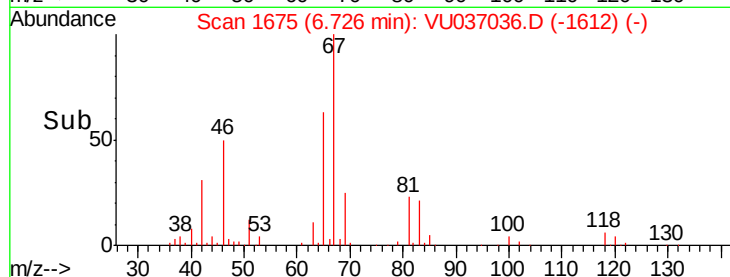
0

Time-->

6.65

6.70

6.75



#39

cis-1,3-Dichloropropene

Concen: 0.983 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037036.D

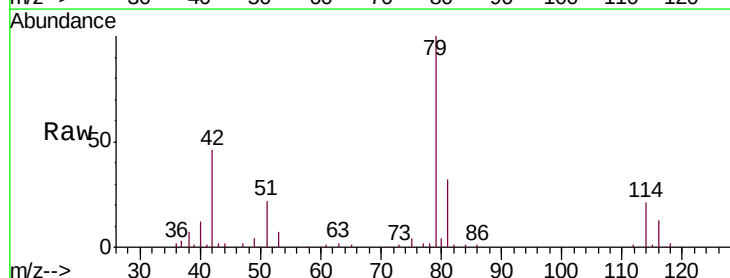
Acq: 04 Mar 2020 11:43

Tgt Ion: 75 Resp: 3183

Ion Ratio Lower Upper

75 100

77 53.8 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037033.D (-1935) (-)

Ion 77.00 (76.70 to 77.70): VU037033.D (-1935) (-)

7.59

2000

1500

1000

500

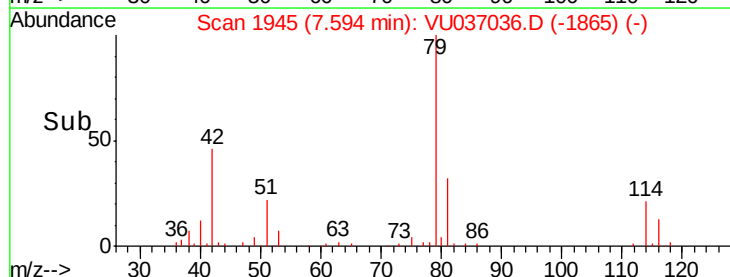
0

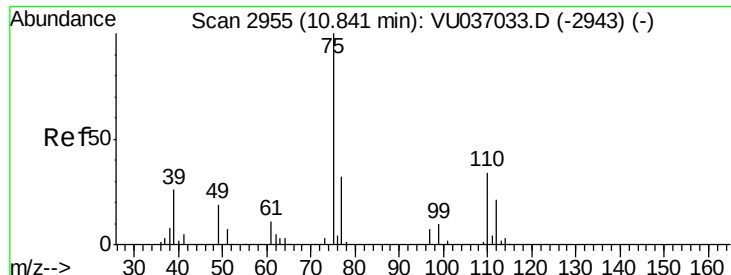
Time-->

7.55

7.60

7.65





#59

1,2,3-Trichloropropane

Concen: 4.885 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037036.D

Acq: 04 Mar 2020 11:43

Instrument :

MSVOA_U

ClientSampleId :

C0AY2DL

Tgt Ion: 75 Resp: 13216

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2

