

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037021.D
 Acq On : 03 Mar 2020 14:15
 Operator : JC/MD
 Sample : L1729-18DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 04 06:55:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	257815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	243970	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99828	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.22%
7) Chloroethane-d5	1.91	69	92230	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.96%
11) 1,1-Dichloroethene-d2	2.58	63	127966	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	4.67	46	142482	98.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.11%
24) Chloroform-d	5.10	84	168906	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.18%
26) 1,2-Dichloroethane-d4	5.74	65	115152	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
32) Benzene-d6	5.76	84	366099	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
36) 1,2-Dichloropropane-d6	6.72	67	120826	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.92	98	321864	49.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.34%
43) trans-1,3-Dichloropropene-	8.20	79	48139	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.64%
47) 2-Hexanone-d5	8.66	63	101266	90.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.61%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	168044	52.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	92116	55.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

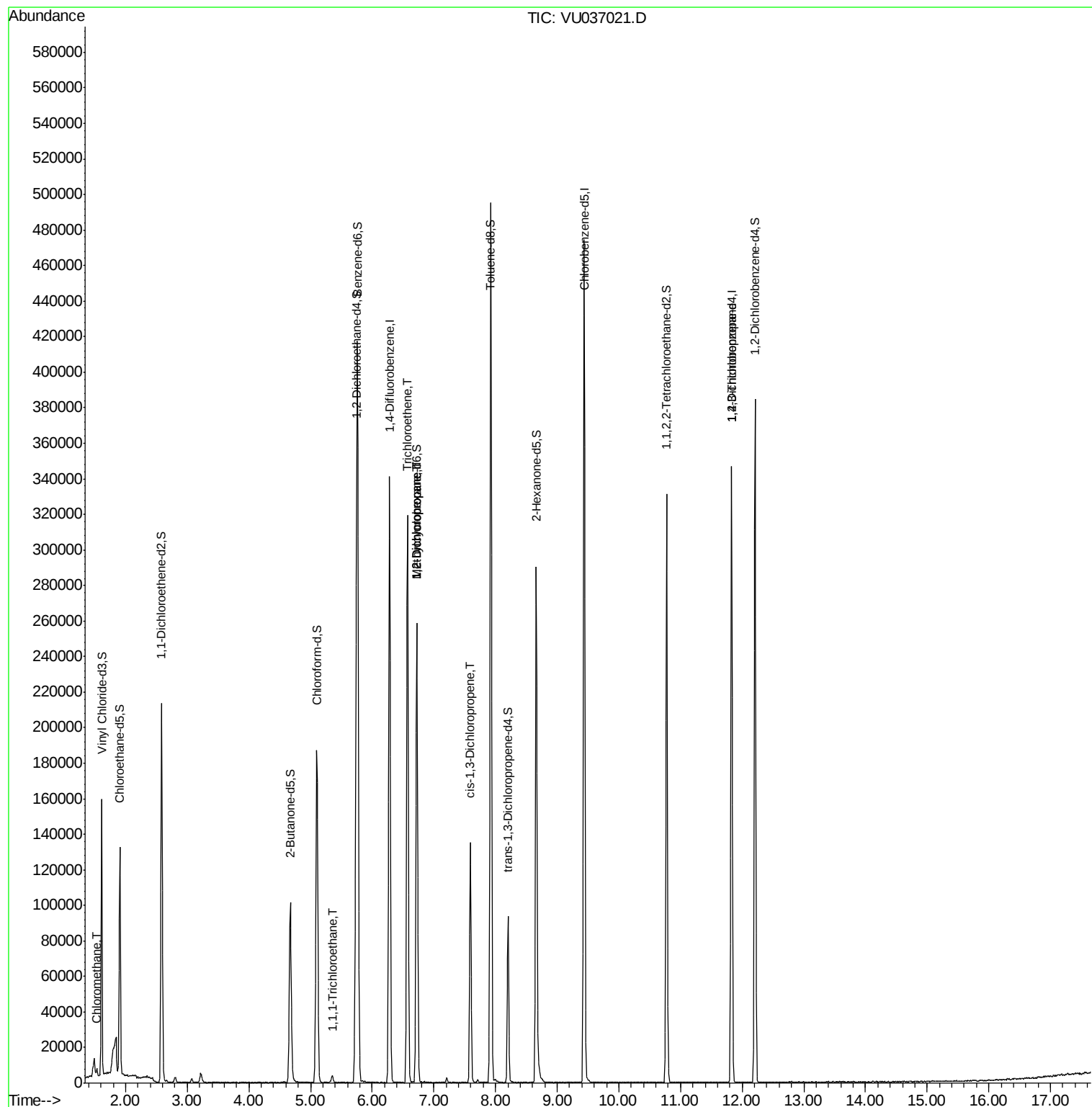
					Ovalue
3) Chloromethane	1.53	50	3541	1.407 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	3149	1.204 ug/L	99
34) Trichloroethene	6.57	95	108321	57.181 ug/L	99
35) Methylcyclohexane	6.72	83	26101	7.947 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	13157	6.340 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3366	1.053 ug/L #	75
59) 1,2,3-Trichloropropane	11.83	75	12460	4.667 ug/L	91

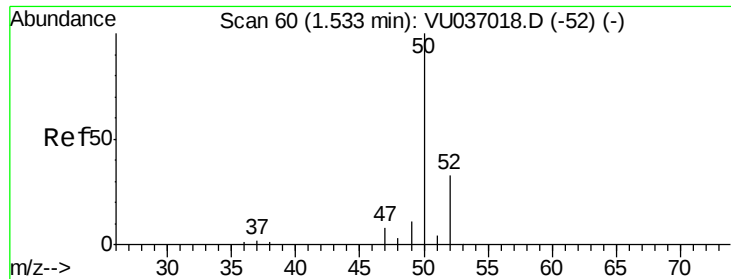
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 04 06:53:13 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.407 ug/L

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU037021.D

Acq: 03 Mar 2020 14:15

Instrument :

MSVOA_U

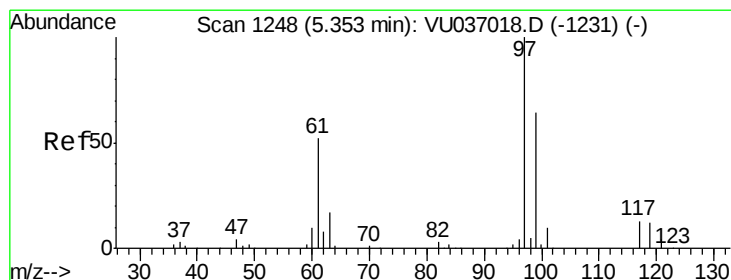
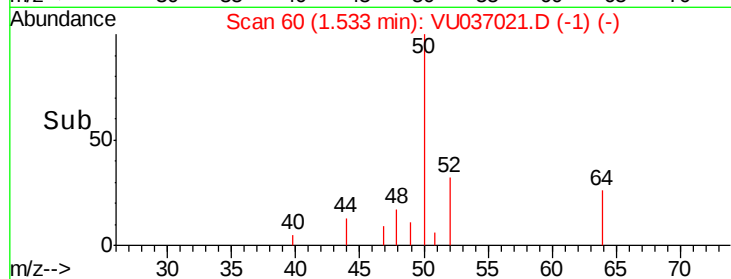
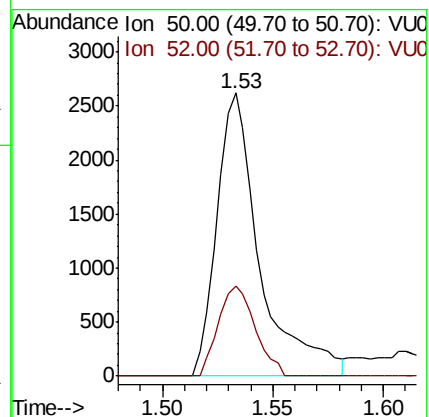
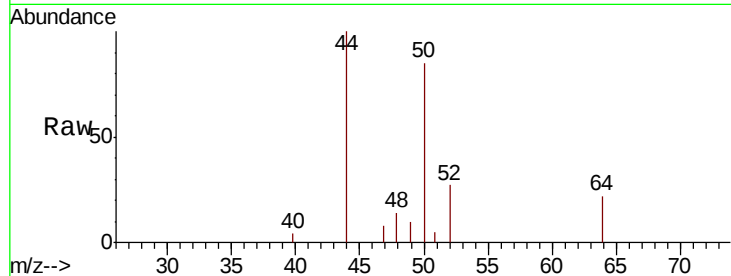
ClientSampled :

Tot Ion: 50 Resp: 3541

Ion Ratio Lower Upper

50 100

52 31.8 23.0 42.6



#30

1,1,1-Trichloroethane

Concen: 1.204 ug/L

RT: 5.35 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VU037021.D

Acq: 03 Mar 2020 14:15

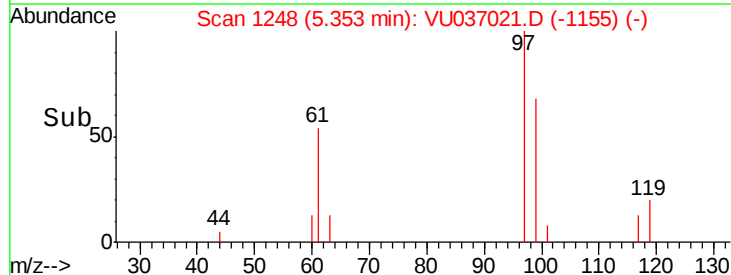
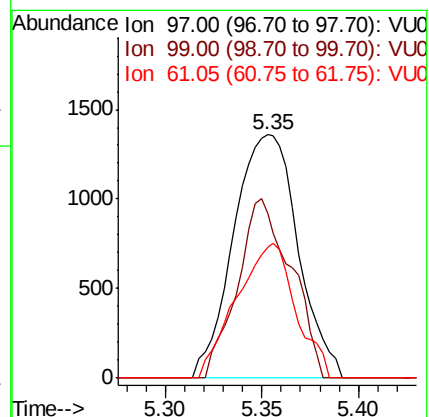
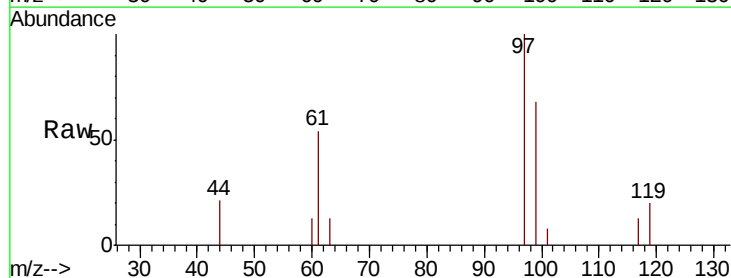
Tgt Ion: 97 Resp: 3149

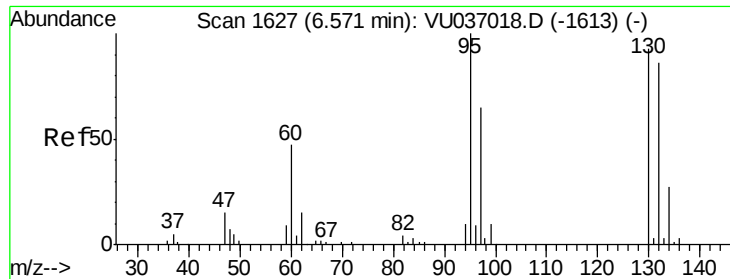
Ion Ratio Lower Upper

97 100

99 61.4 50.4 75.6

61 50.9 40.3 60.5





#34

Trichloroethene

Concen: 57.181 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037021.D

Acq: 03 Mar 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 108321

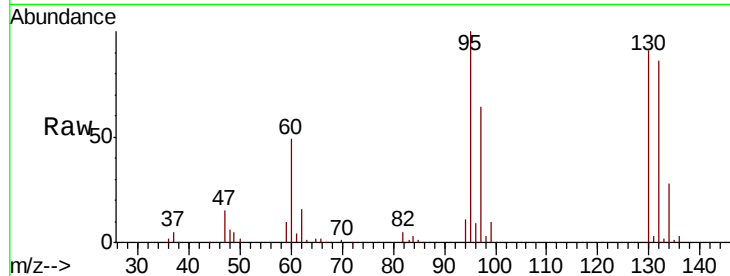
Ion Ratio Lower Upper

95 100

97 63.8 44.1 81.9

132 86.4 60.6 112.6

130 91.0 64.9 120.5

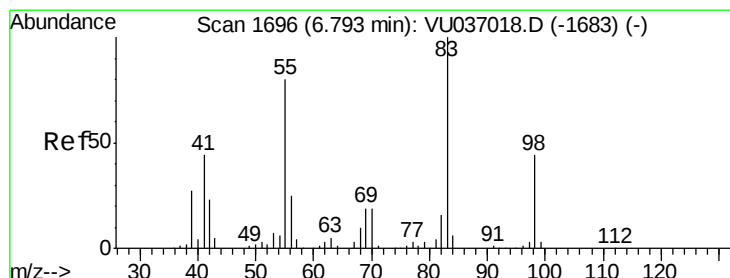
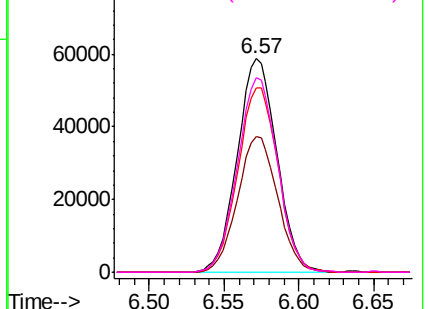
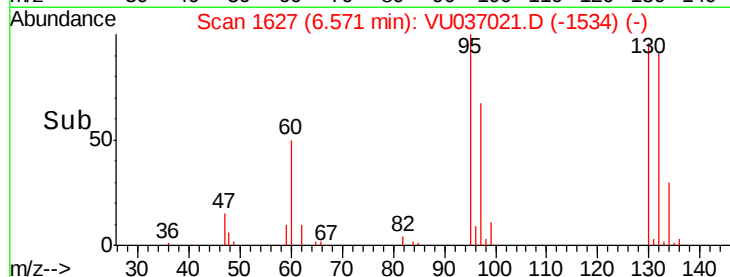


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 7.947 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037021.D

Acq: 03 Mar 2020 14:15

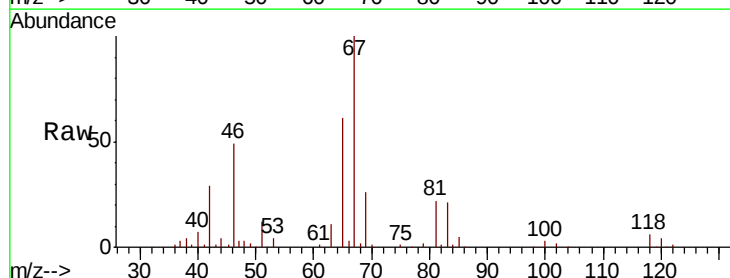
Tgt Ion: 83 Resp: 26101

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

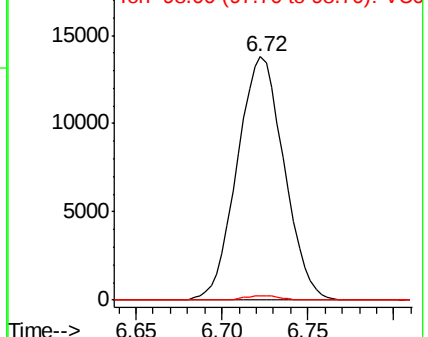
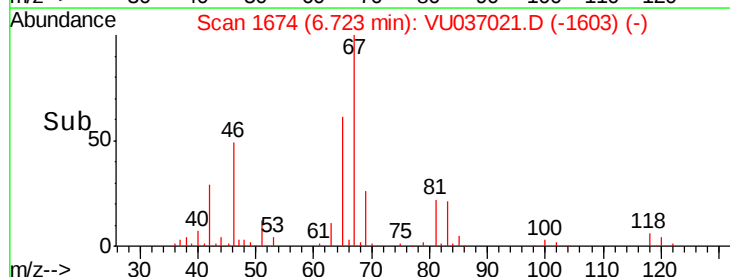
98 1.4 35.1 52.7#

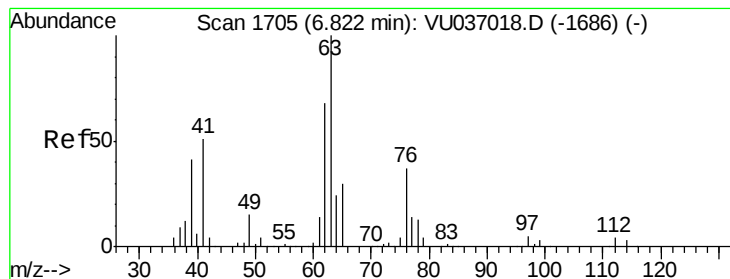


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 6.340 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037021.D

Acq: 03 Mar 2020 14:15

Instrument :

MSVOA_U

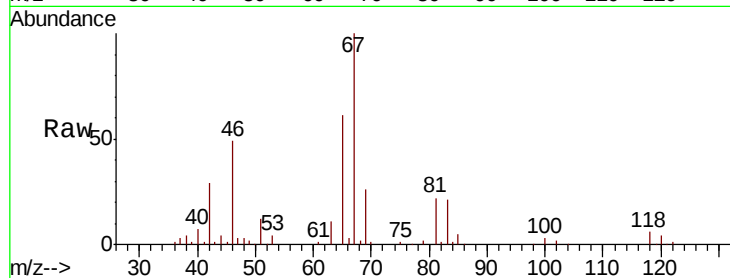
ClientSampleId :

Tot Ion: 63 Resp: 13157

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037021.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU037021.D (-1674) (-)

8000

6000

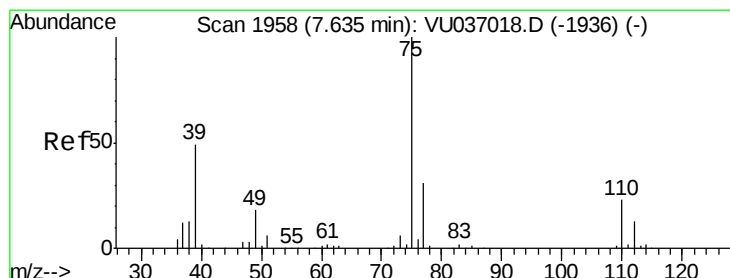
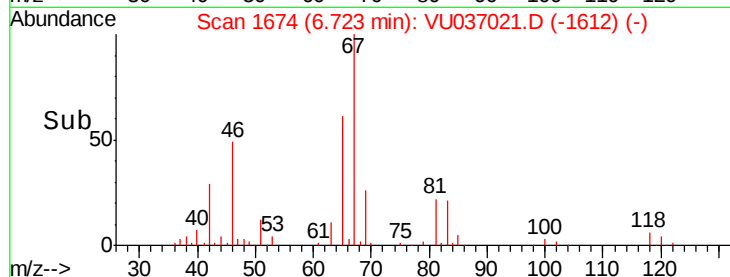
4000

2000

0

6.65 6.70 6.75

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.053 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037021.D

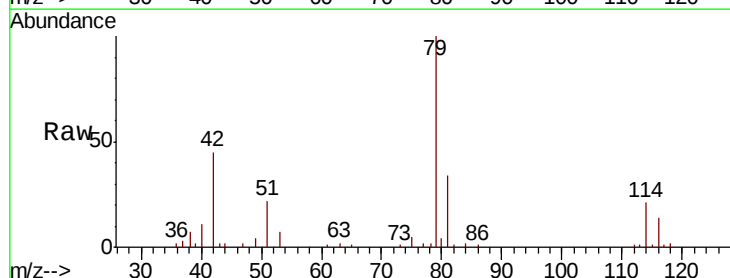
Acq: 03 Mar 2020 14:15

Tgt Ion: 75 Resp: 3366

Ion Ratio Lower Upper

75 100

77 45.5 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037021.D (-1865) (-)

Ion 77.00 (76.70 to 77.70): VU037021.D (-1865) (-)

2500

2000

1500

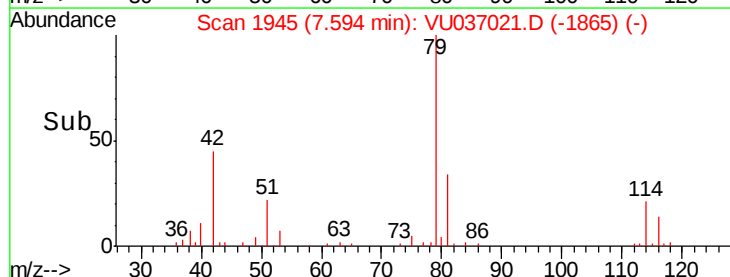
1000

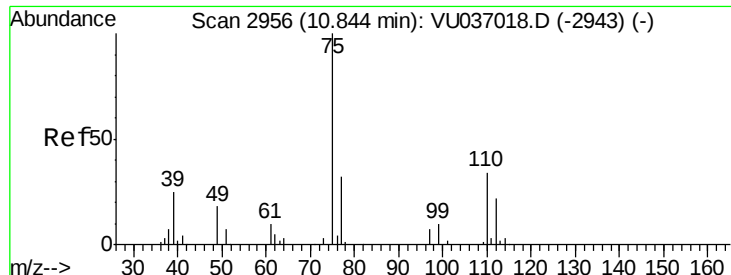
500

0

7.55 7.60

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.667 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037021.D

Acq: 03 Mar 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 12460

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

