

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030220\
 Data File : VU037011.D
 Acq On : 02 Mar 2020 19:53
 Operator : JC/MD
 Sample : L1729-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 03 03:25:51 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	265950	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249257	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	91314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79217	35.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.94%
7) Chloroethane-d5	1.93	69	77423	41.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.59	63	110644	29.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.16%#
21) 2-Butanone-d5	4.67	46	160989	107.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.46%
24) Chloroform-d	5.11	84	161483	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
26) 1,2-Dichloroethane-d4	5.74	65	112137	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.76	84	343018	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
36) 1,2-Dichloropropane-d6	6.72	67	115530	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.92	98	310341	46.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.82%
43) trans-1,3-Dichloropropene-	8.20	79	47809	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.66	63	114995	100.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.71%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	165850	50.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	96118	53.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.70%

Target Compounds

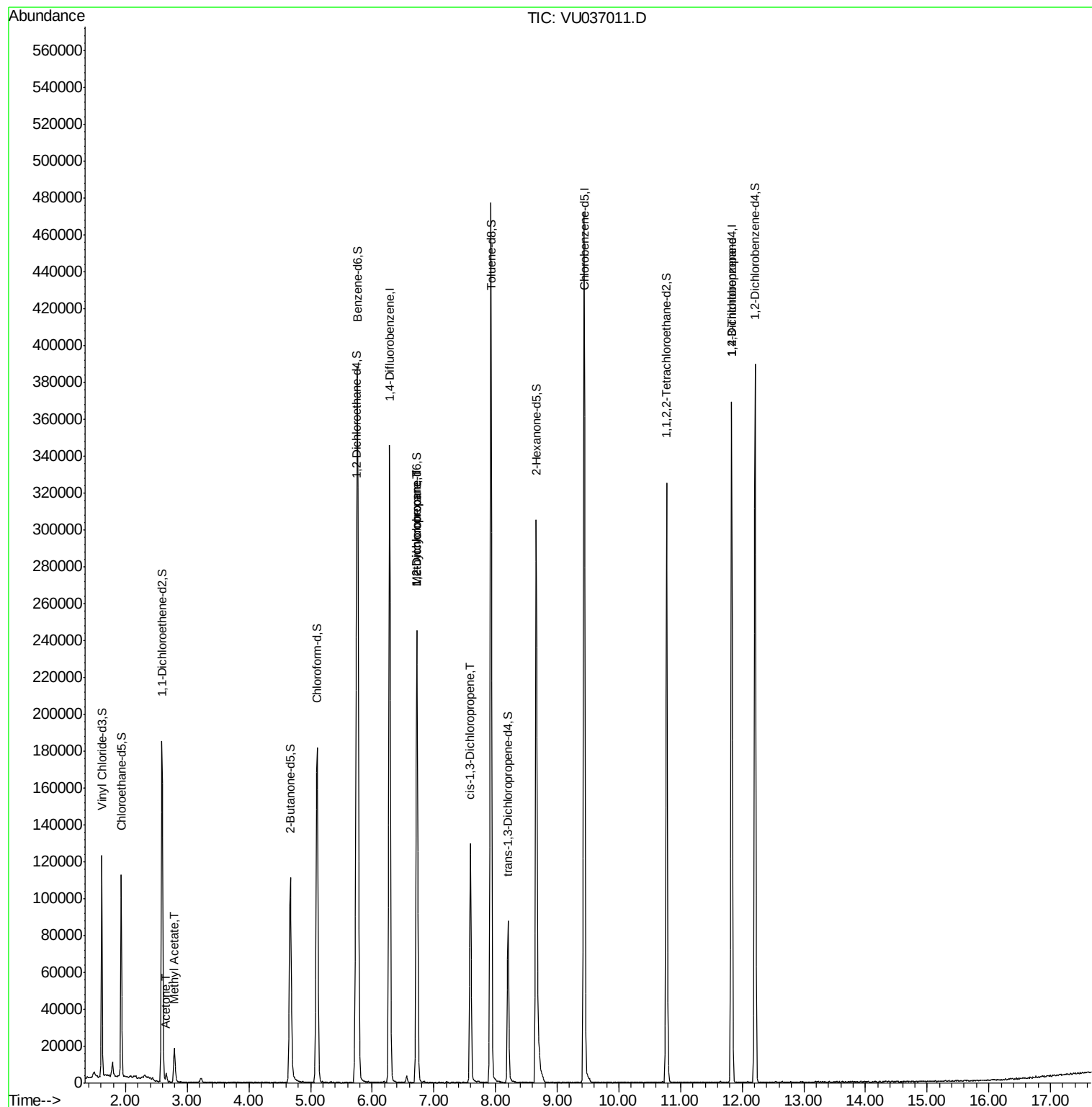
					Ovalue
13) Acetone	2.66	43	4778	3.101 ug/L	97
15) Methyl Acetate	2.79	43	5381	2.291 ug/L #	52
35) Methylcyclohexane	6.72	83	25974	7.740 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12403	5.850 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2899	0.888 ug/L #	58
59) 1,2,3-Trichloropropane	11.83	75	14215	5.212 ug/L	97

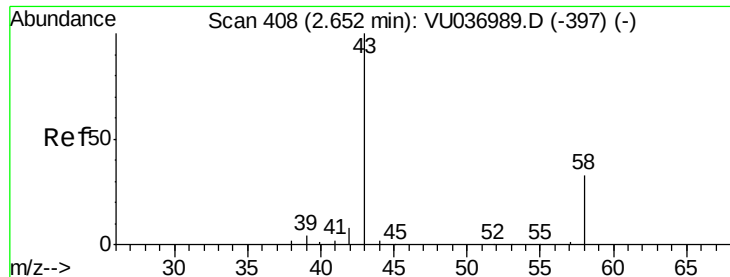
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.101 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037011.D

Acq: 02 Mar 2020 19:53

Instrument :

MSVOA_U

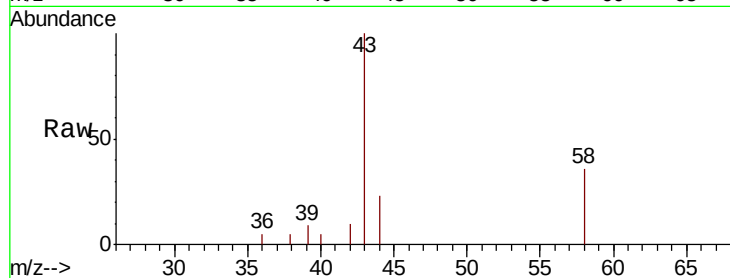
ClientSampleId :

Tot Ion: 43 Resp: 4778

Ion Ratio Lower Upper

43 100

58 34.1 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

3000

2500

2000

1500

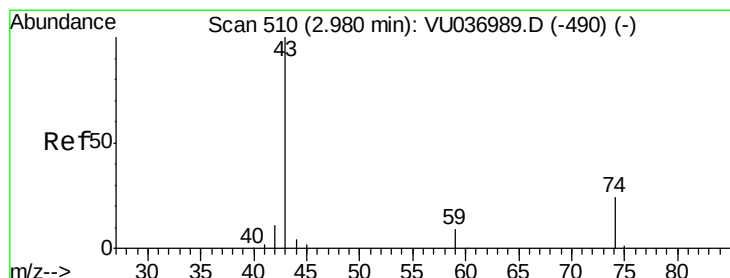
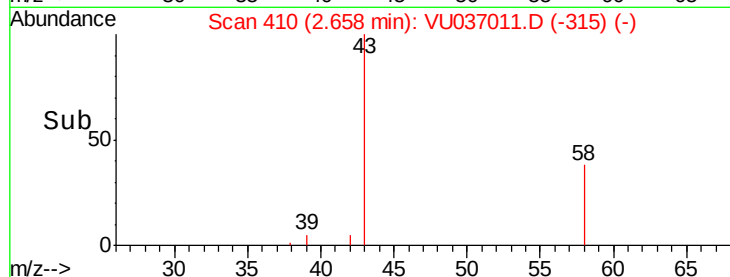
1000

500

0

Time-->

2.60 2.65 2.70



#15

Methyl Acetate

Concen: 2.291 ug/L

RT: 2.79 min Scan# 451

Delta R.T. -0.19 min

Lab File: VU037011.D

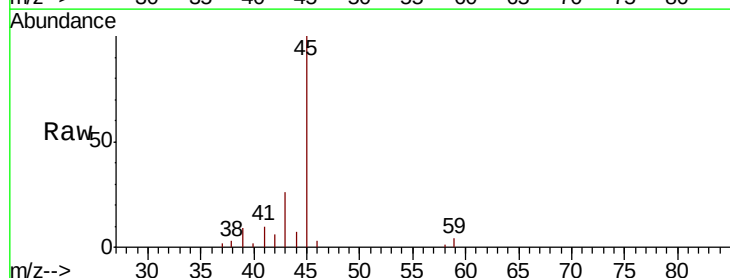
Acq: 02 Mar 2020 19:53

Tgt Ion: 43 Resp: 5381

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036989.D (-490) (-)

Ion 74.00 (73.70 to 74.70): VU036989.D (-490) (-)

2.79

3000

2500

2000

1500

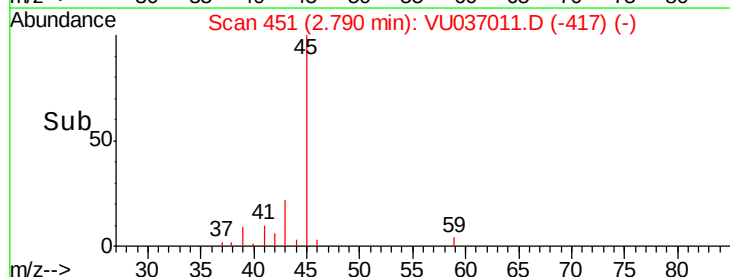
1000

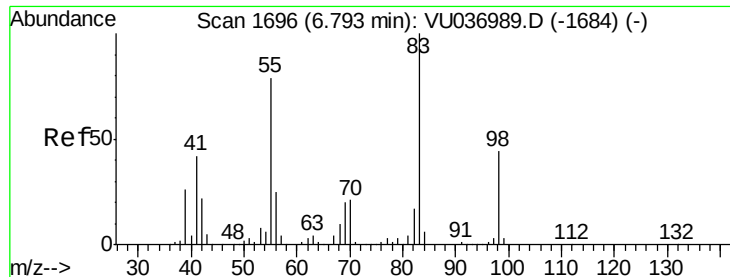
500

0

Time-->

2.75 2.80 2.85

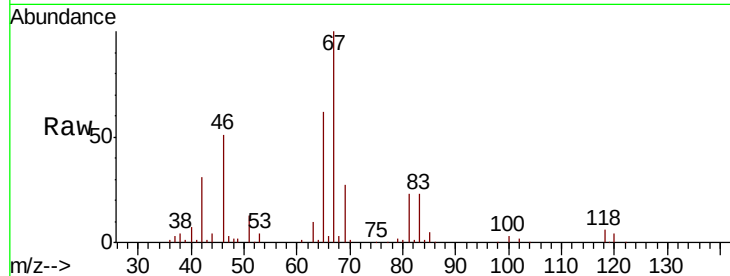




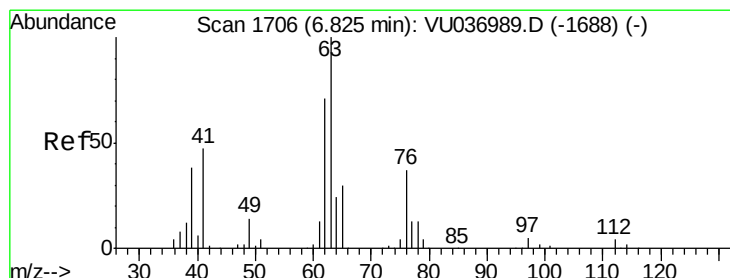
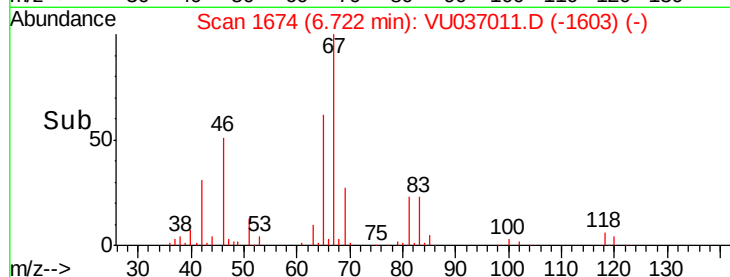
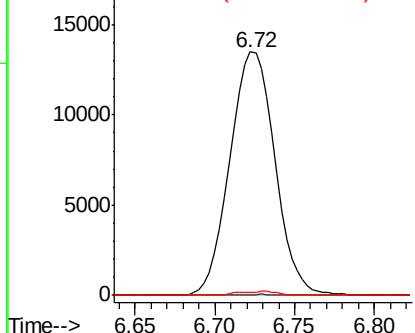
#35
Methylvlcyclohexane
Concen: 7.740 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037011.D
Acq: 02 Mar 2020 19:53

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 25974
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 0.9 35.1 52.7#

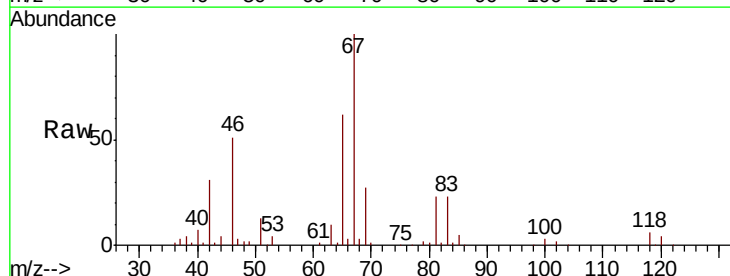


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

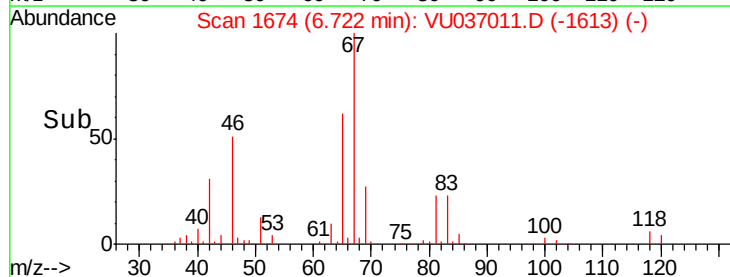
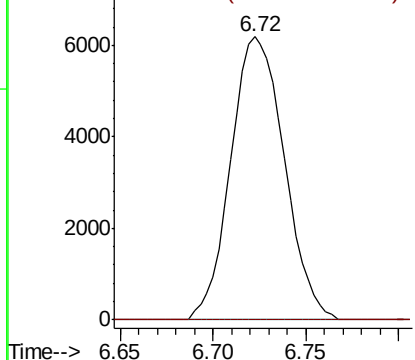


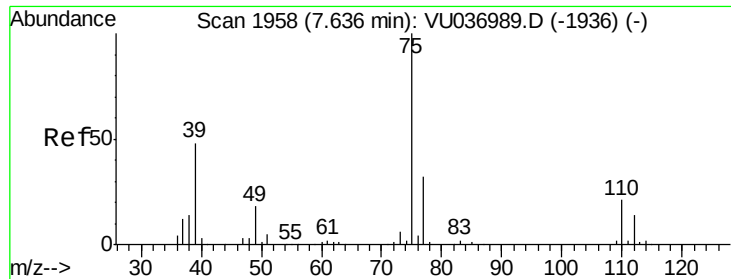
#37
1,2-Dichloropropane
Concen: 5.850 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037011.D
Acq: 02 Mar 2020 19:53

Tgt Ion: 63 Resp: 12403
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

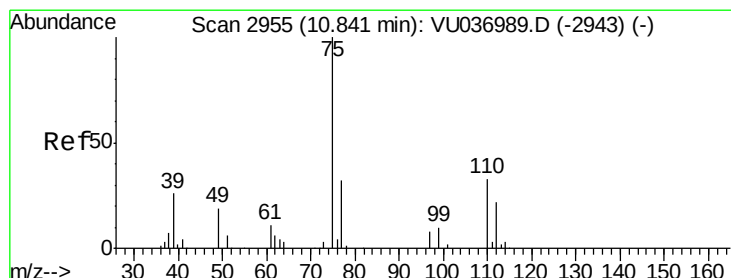
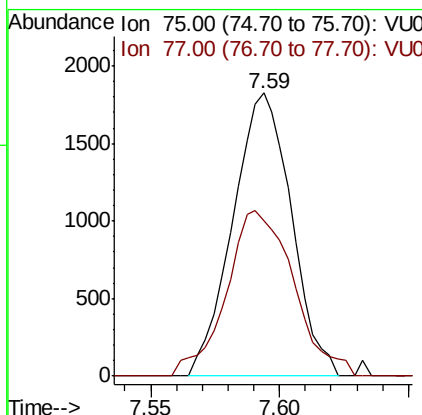
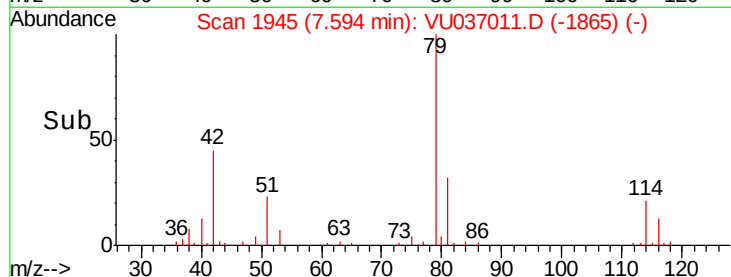
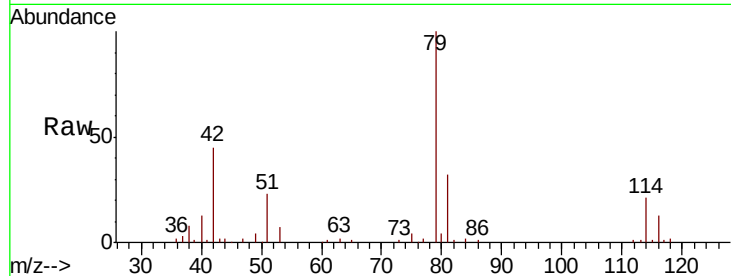




#39
 cis-1,3-Dichloropropene
 Concen: 0.888 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037011.D
 Acq: 02 Mar 2020 19:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2899
 Ion Ratio Lower Upper
 75 100
 77 54.8 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: VU037011.D
 Acq: 02 Mar 2020 19:53

Tgt Ion: 75 Resp: 14215
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.2 39.2

