

Data File : VU036946.D
Acq On : 27 Feb 2020 16:11
Operator : JC/MD
Sample : L1677-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CD6

Quant Time: Feb 27 22:04:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 22:00:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253504	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239314	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78222	36.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.48%
7) Chloroethane-d5	1.93	69	74929	42.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.08%
11) 1,1-Dichloroethene-d2	2.59	63	106462	29.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.72%#
21) 2-Butanone-d5	4.67	46	143649	100.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	5.11	84	145871	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
26) 1,2-Dichloroethane-d4	5.74	65	102256	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.76	84	312808	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.72	67	104004	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.92	98	282364	43.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.96%
43) trans-1,3-Dichloropropene-	8.20	79	44087	42.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.62%
47) 2-Hexanone-d5	8.66	63	107180	97.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.77%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	150378	47.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.14%
64) 1,2-Dichlorobenzene-d4	12.21	152	86974	49.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.90%

Target Compounds

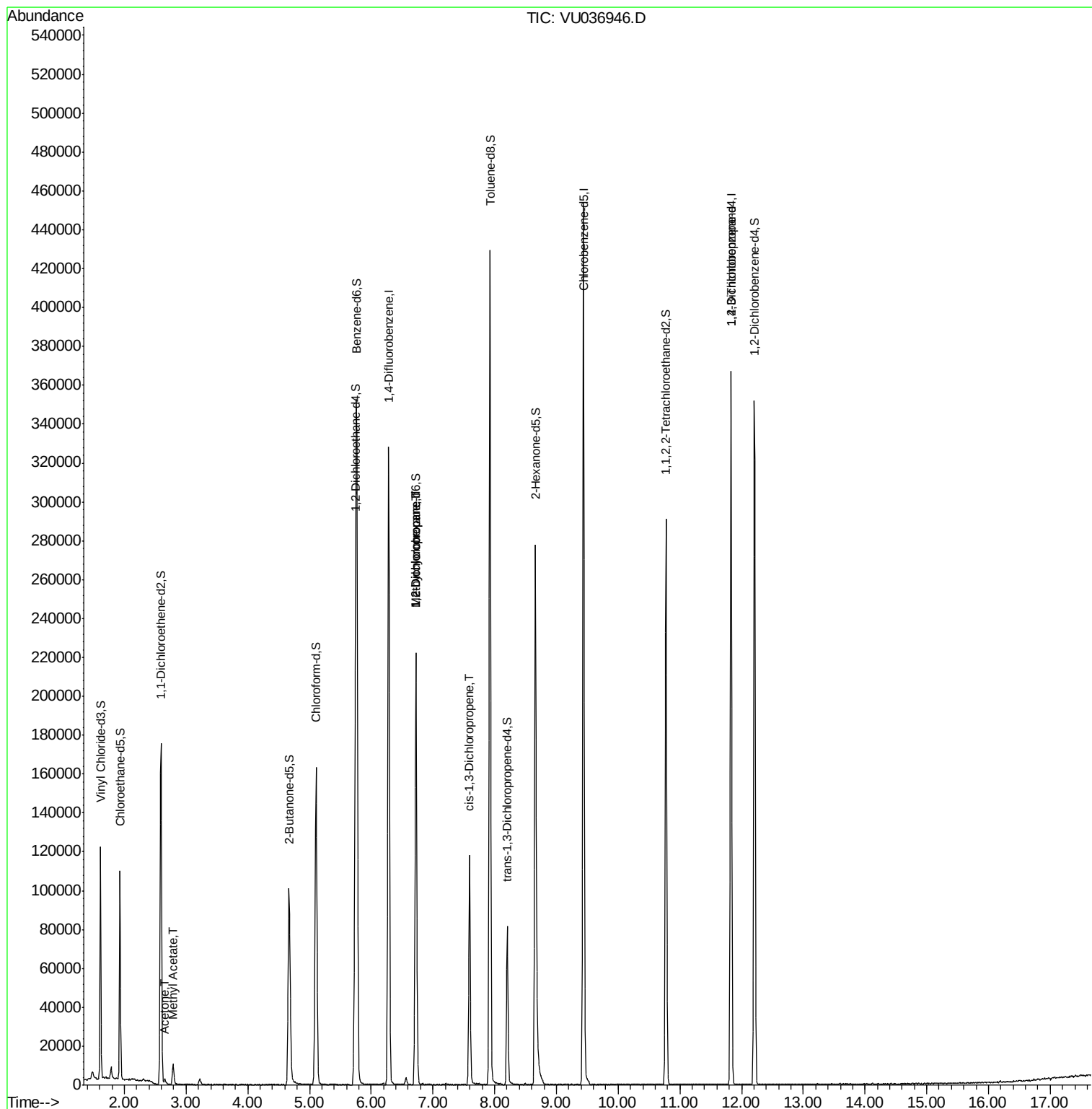
					Qvalue
13) Acetone	2.66	43	3018	2.055 ug/L	95
15) Methyl Acetate	2.79	43	2988	1.335 ug/L #	52
35) Methylcyclohexane	6.73	83	23482	7.289 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11437	5.618 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2676	0.853 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	13533	5.168 ug/L	98

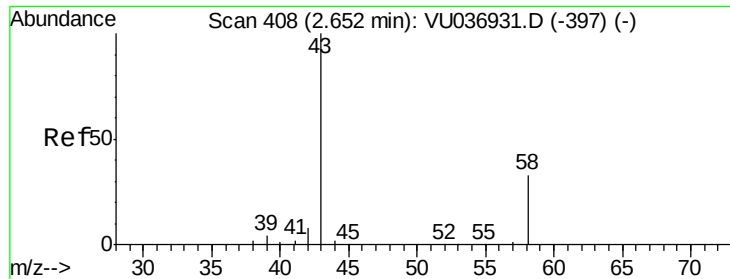
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.055 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

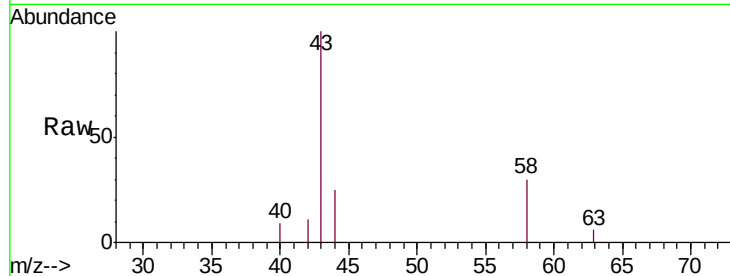
C0CD6

Tgt Ion: 43 Resp: 3018

Ion Ratio Lower Upper

43 100

58 29.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036931.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU036931.D (-397) (-)

2.66

2000

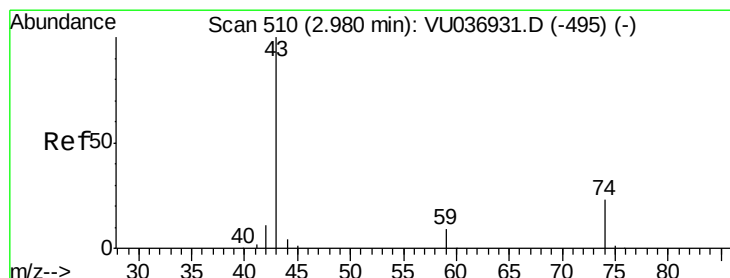
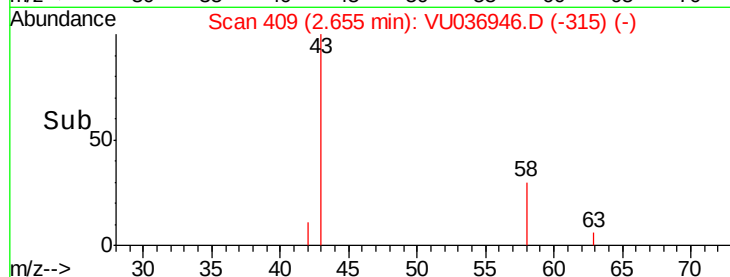
1500

1000

500

0

Time--> 2.60 2.65 2.70



#15

Methyl Acetate

Concen: 1.335 ug/L

RT: 2.79 min Scan# 452

Delta R.T. -0.19 min

Lab File: VU036946.D

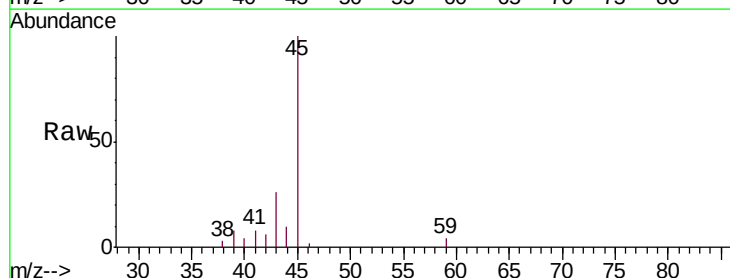
Acq: 27 Feb 2020 16:11

Tgt Ion: 43 Resp: 2988

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VU036931.D (-495) (-)

Ion 74.00 (73.70 to 74.70): VU036931.D (-495) (-)

2.79

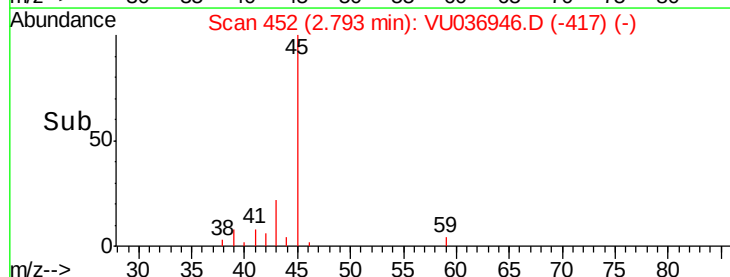
1500

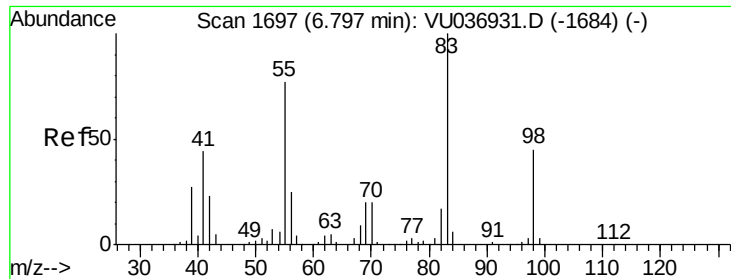
1000

500

0

Time--> 2.75 2.80 2.85

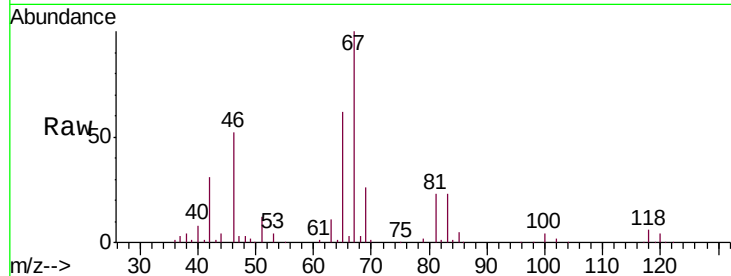




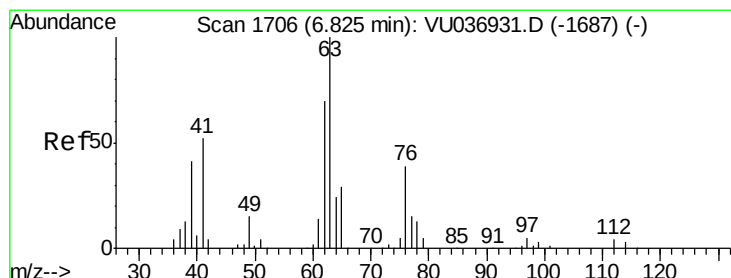
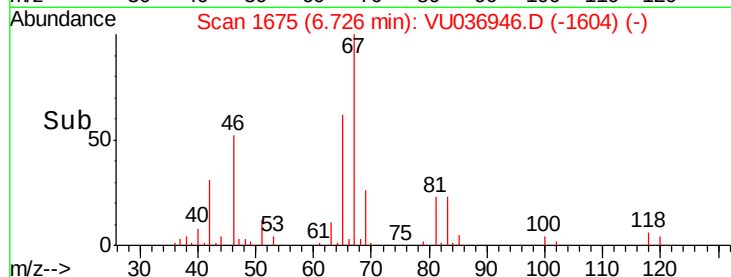
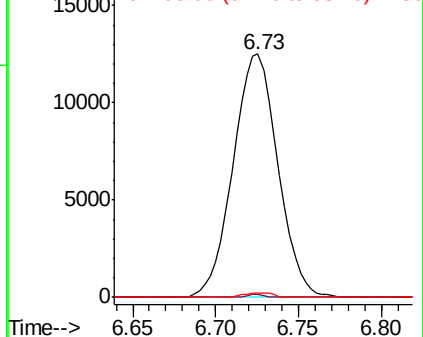
#35
Methylcyclohexane
Concen: 7.289 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
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Instrument :
MSVOA_U
ClientSampleId :
C0CD6

Tgt Ion: 83 Resp: 23482
Ion Ratio Lower Upper
83 100
55 0.4 62.6 93.8#
98 1.2 35.1 52.7#

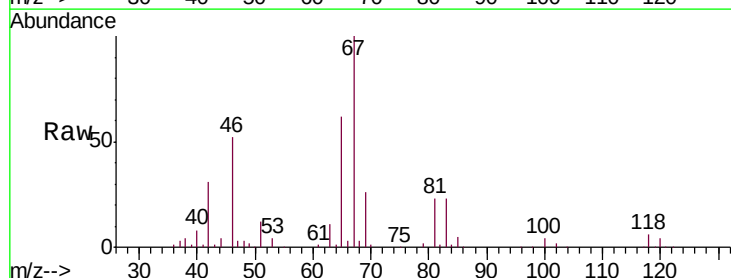


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

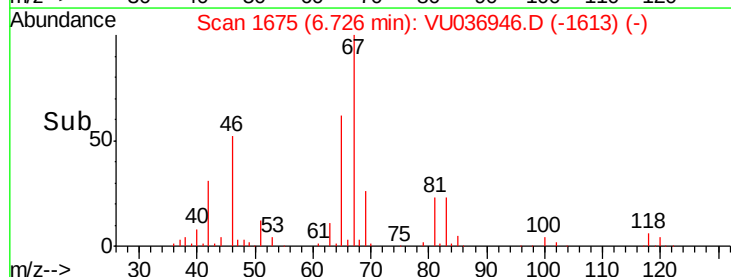
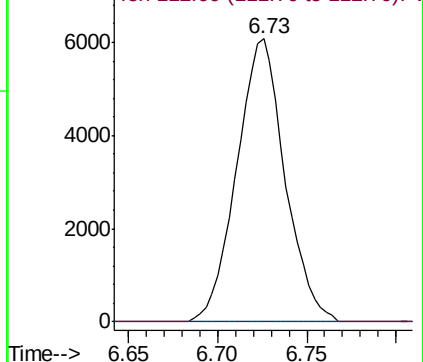


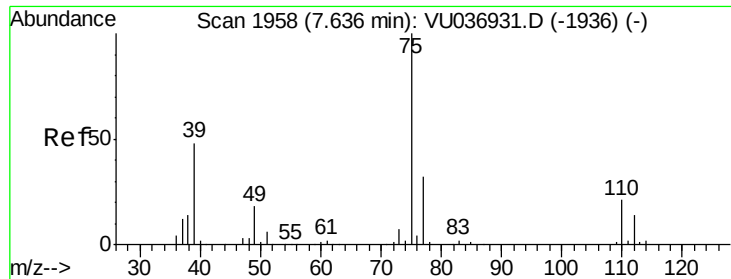
#37
1,2-Dichloropropane
Concen: 5.618 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036946.D
Acq: 27 Feb 2020 16:11

Tgt Ion: 63 Resp: 11437
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: 0.853 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036946.D

Acq: 27 Feb 2020 16:11

Instrument :

MSVOA_U

ClientSampled :

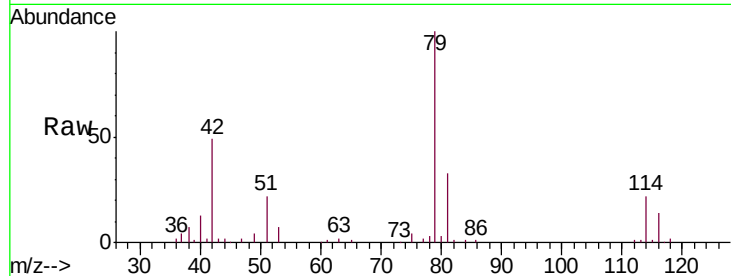
C0CD6

Tgt Ion: 75 Resp: 2676

Ion Ratio Lower Upper

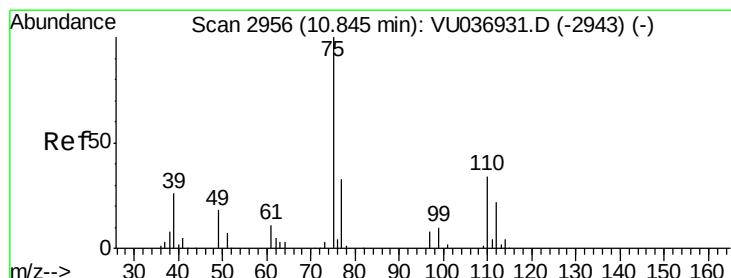
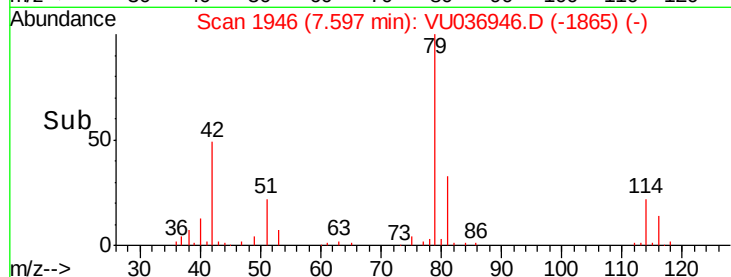
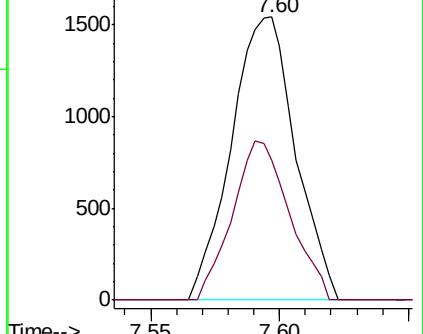
75 100

77 49.6 22.0 41.0#



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: 5.168 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036946.D

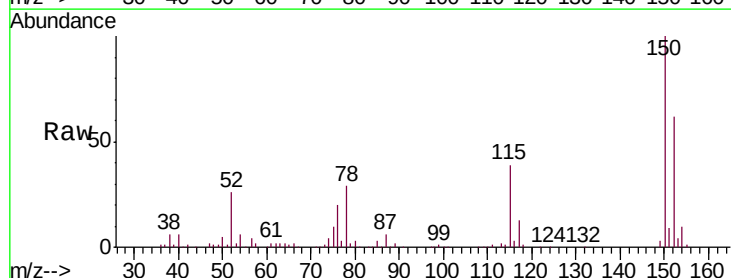
Acq: 27 Feb 2020 16:11

Tgt Ion: 75 Resp: 13533

Ion Ratio Lower Upper

75 100

77 34.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

