

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039885.D
 Acq On : 17 Aug 2020 14:15
 Operator : SY/MD
 Sample : L3517-18 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M04

Quant Time: Aug 18 04:26:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40371	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16961	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.92	69	20635	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.58	63	27510	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.65	46	103346	51.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.62%
24) Chloroform-d	5.08	84	48477	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.72	65	30244	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.75	84	87718	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	30733	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.91	98	67752	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.19	79	11412	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.64	63	74683	52.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29565	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32366	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

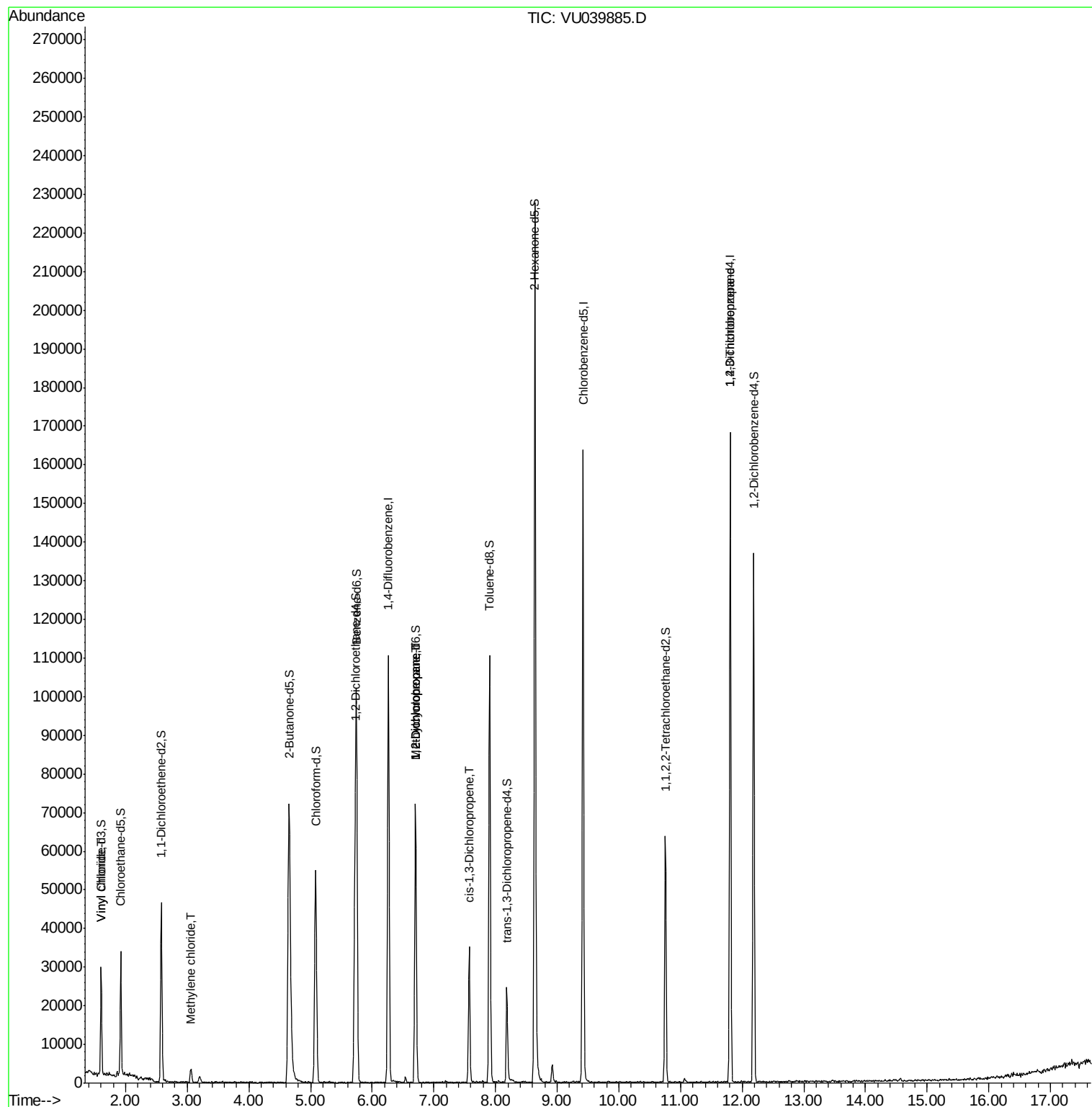
					Ovalue
5) Vinyl chloride	1.61	62	937	0.137 ug/L #	79
16) Methylene chloride	3.06	84	1922	0.238 ug/L	84
35) Methylcyclohexane	6.70	83	7370	0.780 ug/L #	20
37) 1,2-Dichloropropane	6.70	63	3437	0.568 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	869	0.105 ug/L #	30
59) 1,2,3-Trichloropropane	11.81	75	5576	1.277 ug/L #	84

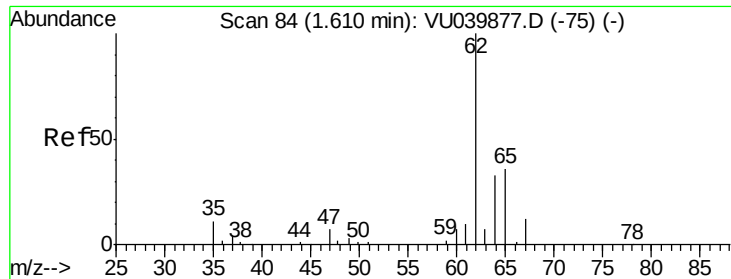
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.137 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

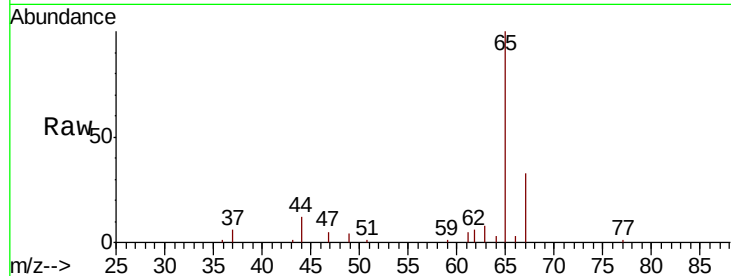
F4M04

Tot Ion: 62 Resp: 937

Ion Ratio Lower Upper

62 100

64 46.7 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

800

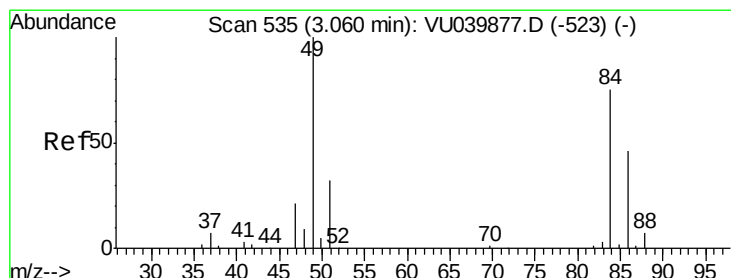
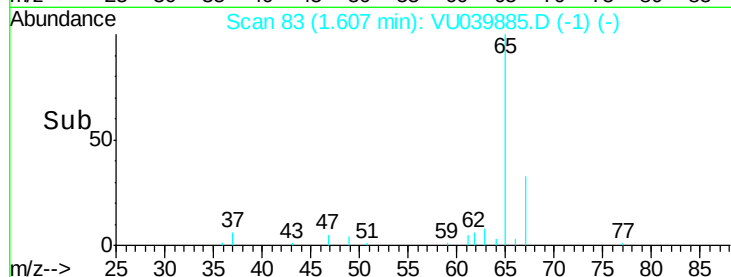
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 0.238 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU039885.D

Acq: 17 Aug 2020 14:15

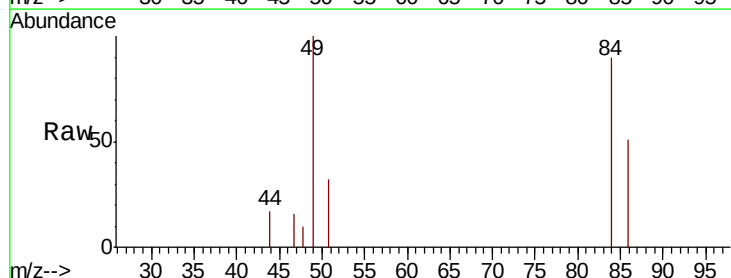
Tgt Ion: 84 Resp: 1922

Ion Ratio Lower Upper

84 100

86 56.2 43.9 81.5

49 110.9 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

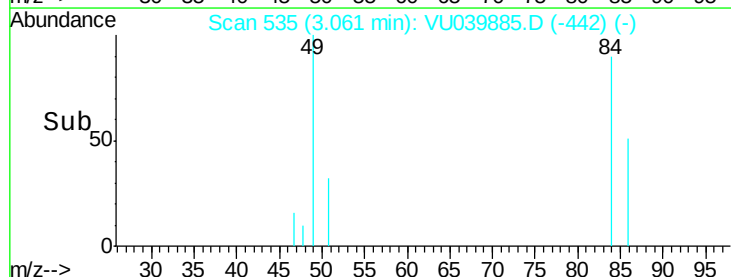
1500

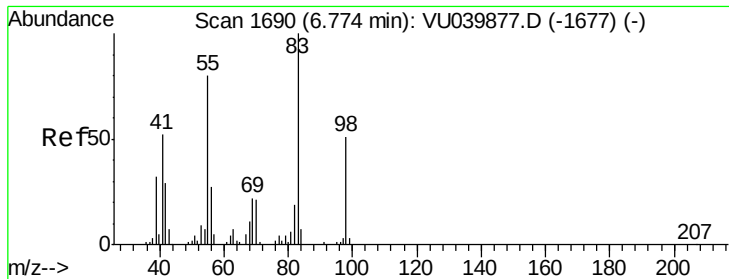
1000

500

0

Time-->

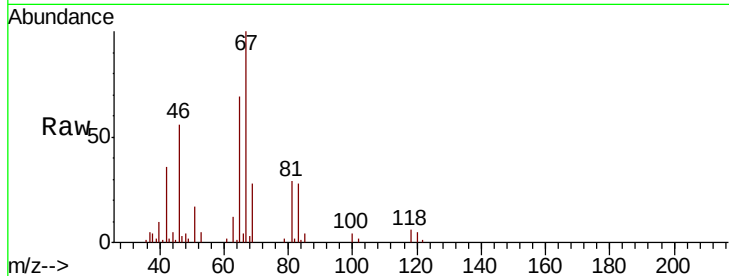




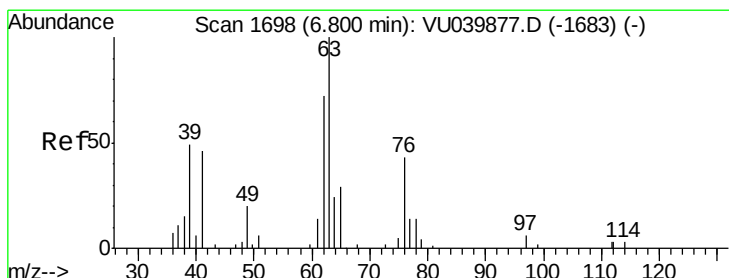
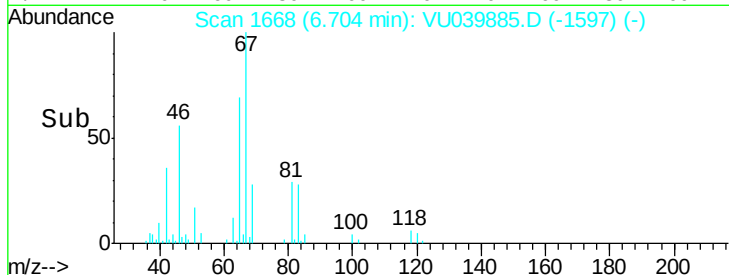
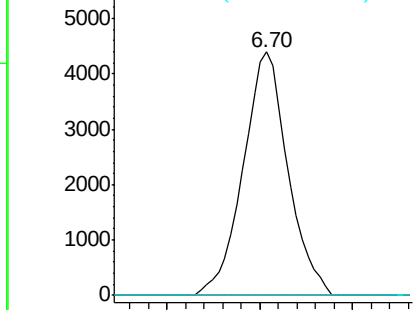
#35
Methylvlcyclohexane
Concen: 0.780 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039885.D
Acq: 17 Aug 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
F4M04

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	2.7	39.0	58.4#

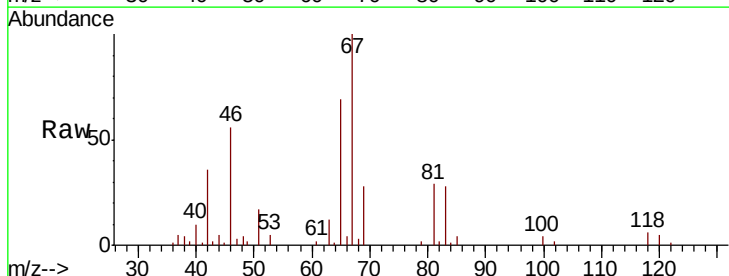


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

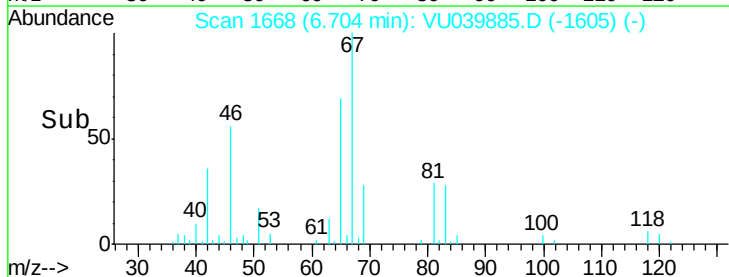
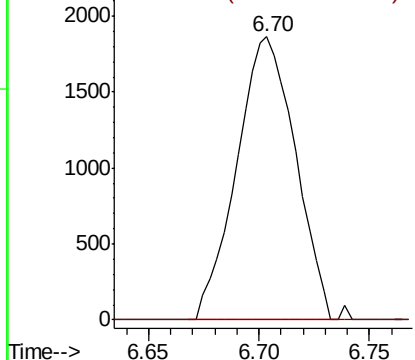


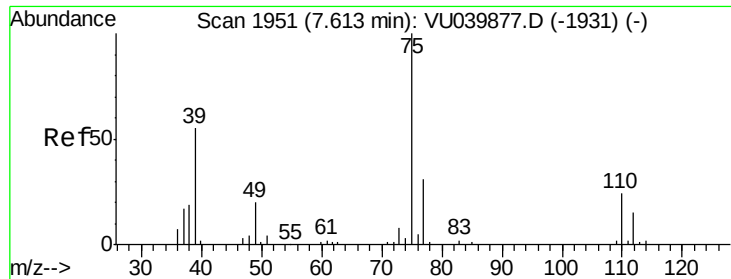
#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039885.D
Acq: 17 Aug 2020 14:15

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU039885.D

Acq: 17 Aug 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

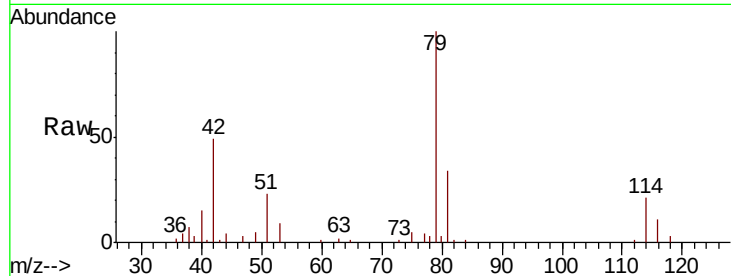
F4M04

Tot Ion: 75 Resp: 869

Ion Ratio Lower Upper

75 100

77 70.8 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

600

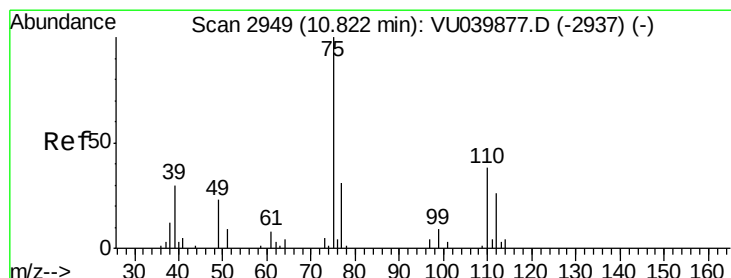
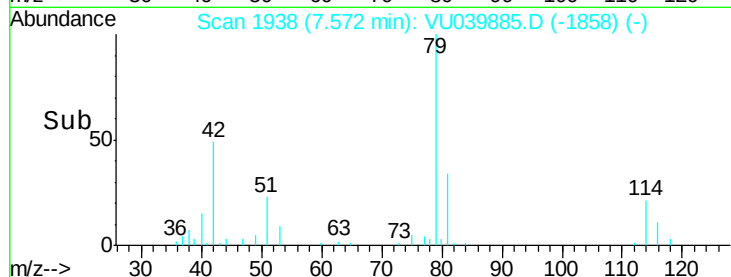
400

200

0

7.55 7.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.277 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039885.D

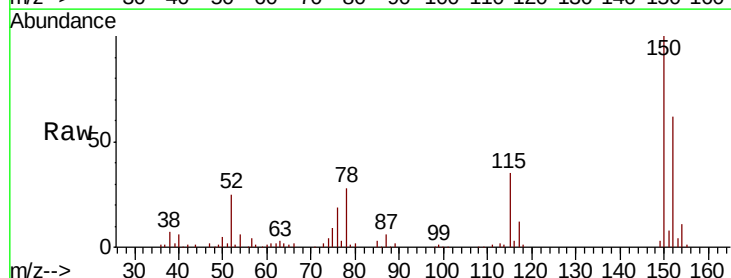
Acq: 17 Aug 2020 14:15

Tgt Ion: 75 Resp: 5576

Ion Ratio Lower Upper

75 100

77 39.6 24.6 37.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

4000

3000

2000

1000

0

11.75 11.85

Time-->

