

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U0100518\
 Data File : VU027454.D
 Acq On : 05 Oct 2018 15:41
 Operator : MD/SY
 Sample : J5250-04 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0912

Quant Time: Oct 06 04:58:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	220556	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	206839	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	96599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78448	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	61503	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.27	63	104346	32.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.10%
21) 2-Butanone-d5	4.18	46	134841	96.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.23%
24) Chloroform-d	4.65	84	128077	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
26) 1,2-Dichloroethane-d4	5.31	65	94996	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
32) Benzene-d6	5.34	84	284848	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.33	67	100815	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.30%
41) Toluene-d8	7.57	98	243846	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.85	79	44816	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.31	63	103918	101.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130420	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	91326	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

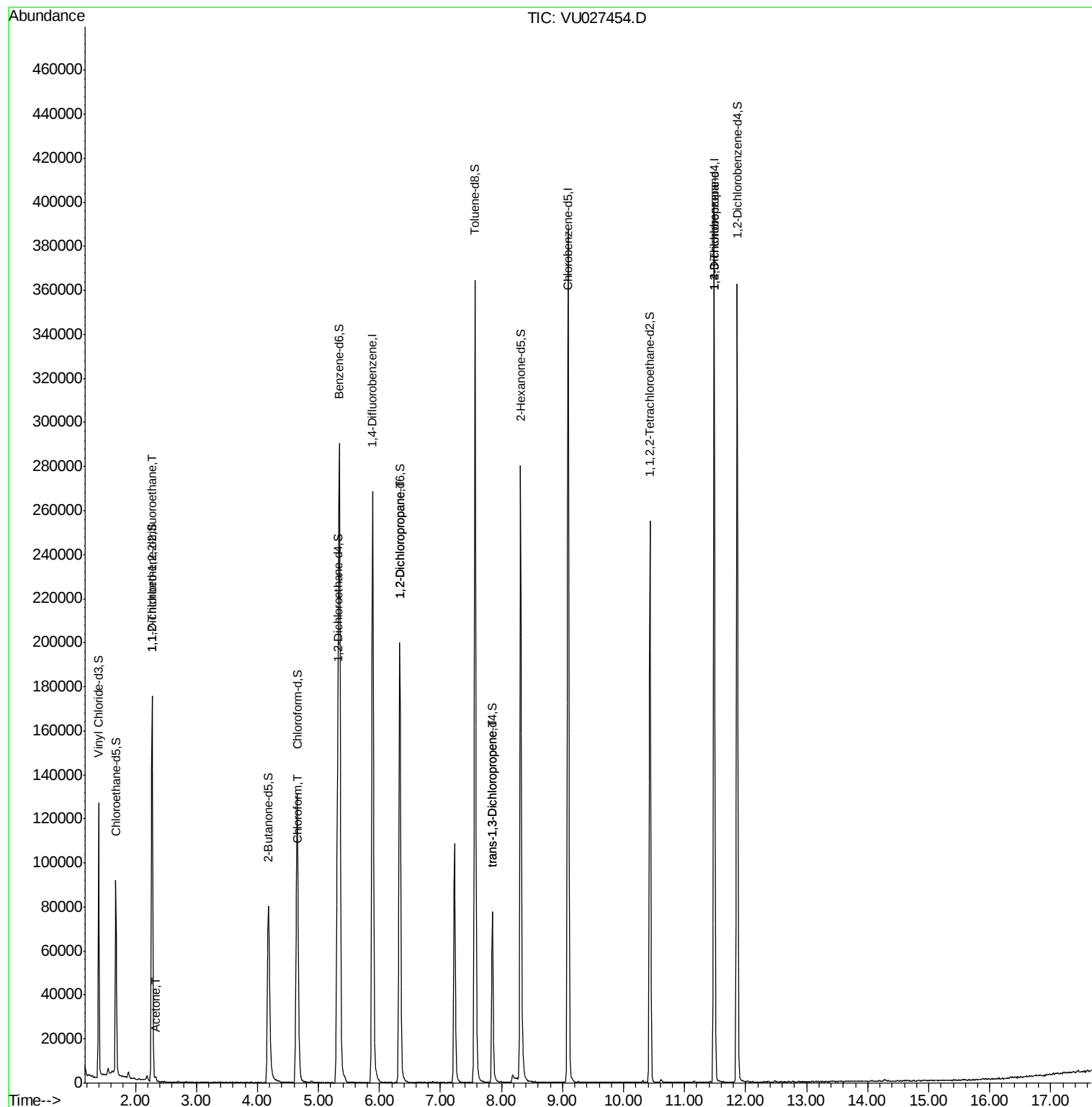
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	886	0.607 ug/L #	21
13) Acetone	2.33	43	607	0.528 ug/L #	44
25) Chloroform	4.68	83	9441	3.000 ug/L	98
37) 1,2-Dichloropropane	6.33	63	10322	5.242 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1953	0.727 ug/L #	73
59) 1,2,3-Trichloropropane	11.49	75	13329	5.978 ug/L	89

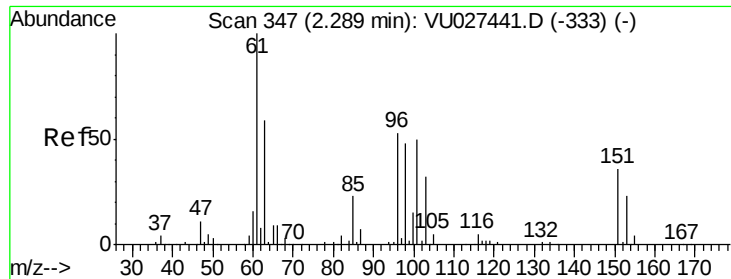
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 06 04:54:09 2018
Response via : Initial Calibration





#10

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

Concen: 0.607 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027454.D

Acq: 05 Oct 2018 15:41

Instrument :

MSVOA_U

ClientSampleId :

C0912

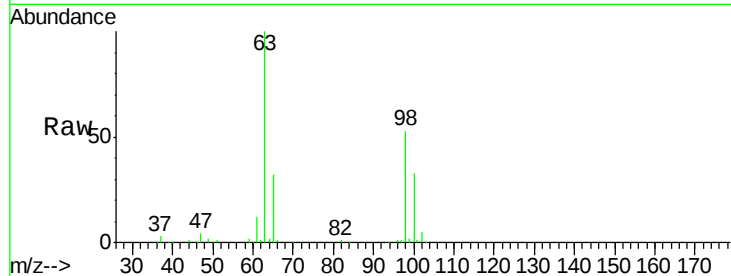
Tgt Ion:101 Resp: 886

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 55.7 83.5#



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

2.27

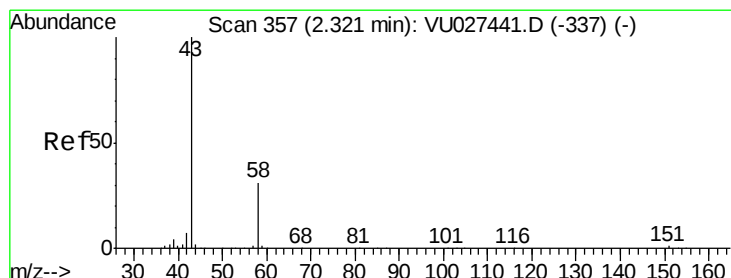
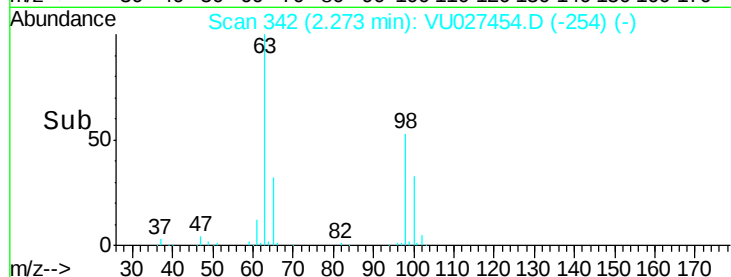
200

400

600

800

Time--> 2.24 2.26 2.28 2.30



#13

Acetone

Concen: 0.528 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027454.D

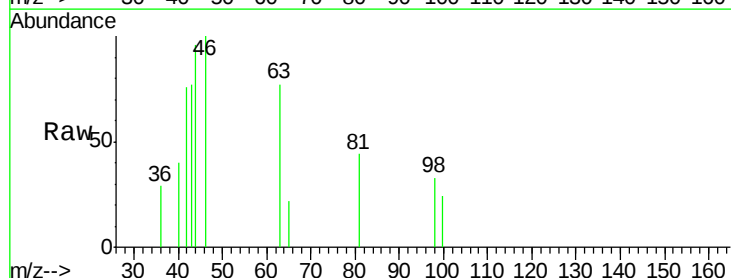
Acq: 05 Oct 2018 15:41

Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

43 100

58 0.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

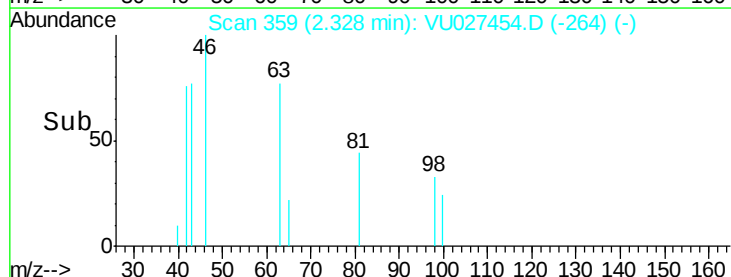
100

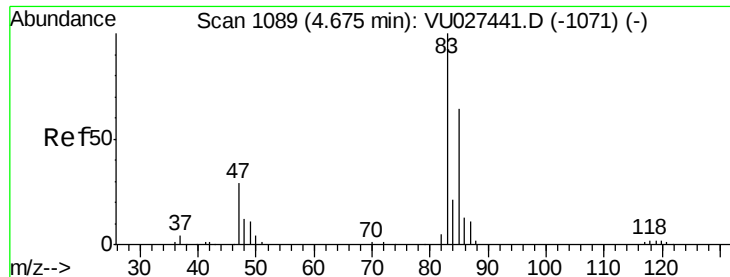
200

300

400

Time--> 2.28 2.30 2.32 2.34 2.36

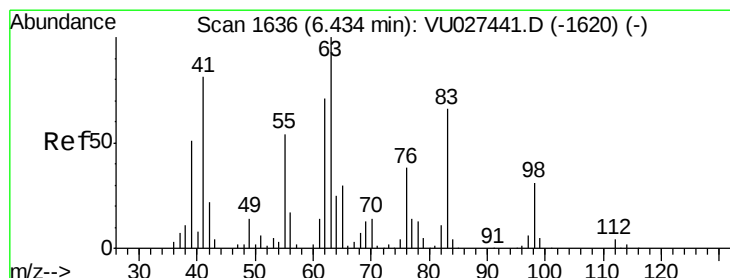
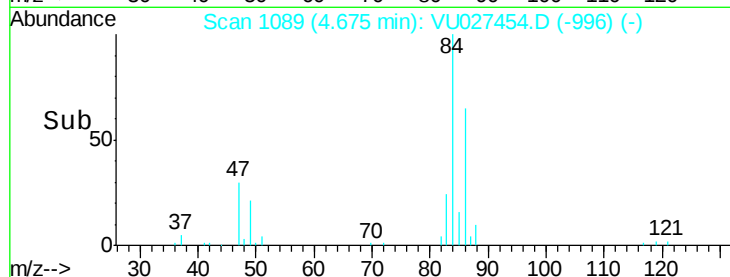
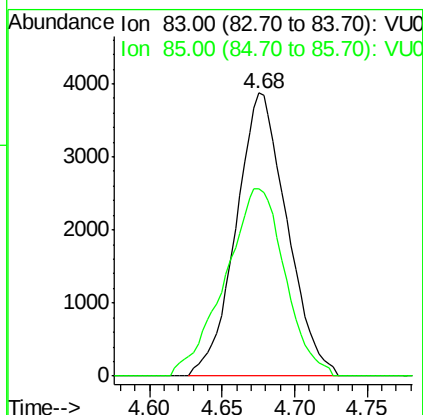
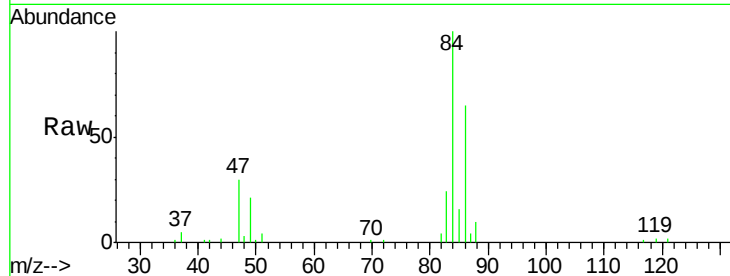




#25
Chloroform
Concen: 3.000 ug/L
RT: 4.68 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU027454.D
Acq: 05 Oct 2018 15:41

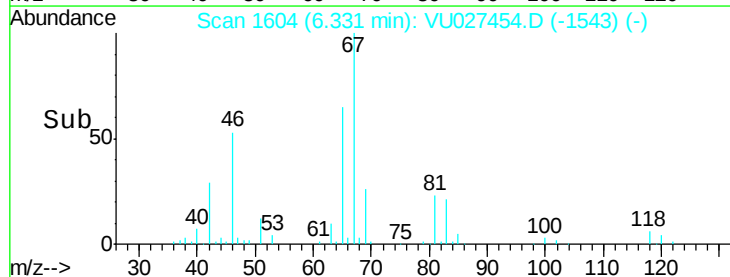
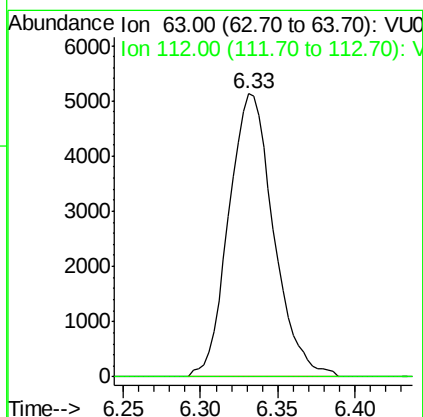
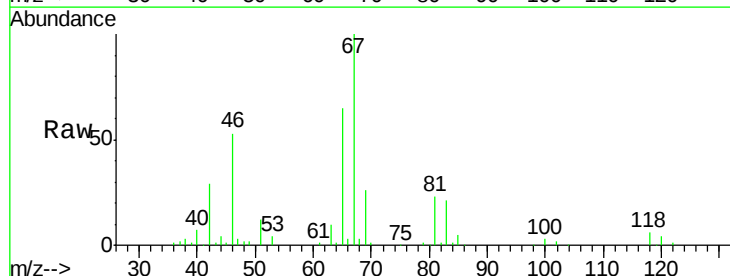
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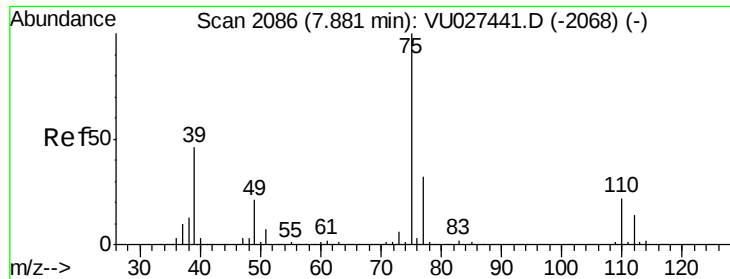
Tgt Ion: 83 Resp: 9441
Ion Ratio Lower Upper
83 100
85 66.0 45.0 83.6



#37
1,2-Dichloropropane
Concen: 5.242 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027454.D
Acq: 05 Oct 2018 15:41

Tgt Ion: 63 Resp: 10322
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#44

trans-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027454.D

Acq: 05 Oct 2018 15:41

Instrument :

MSVOA_U

ClientSampled :

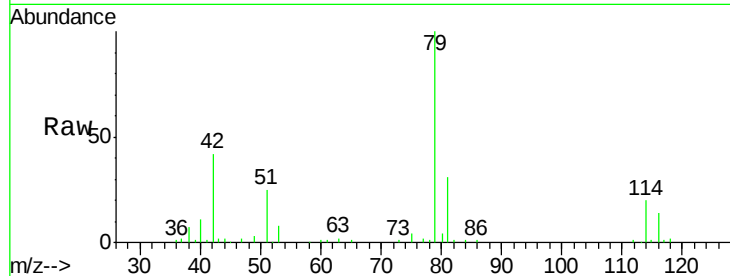
C0912

Tgt Ion: 75 Resp: 1953

Ion Ratio Lower Upper

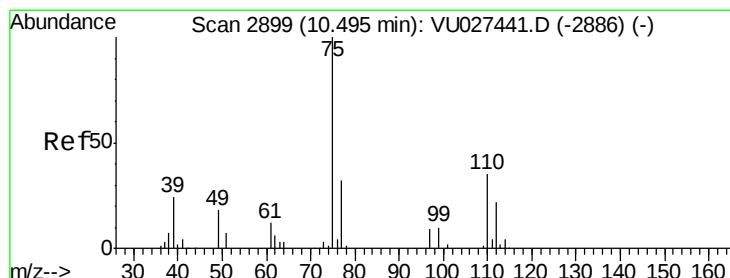
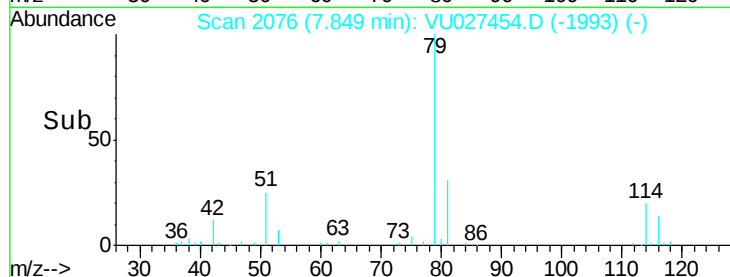
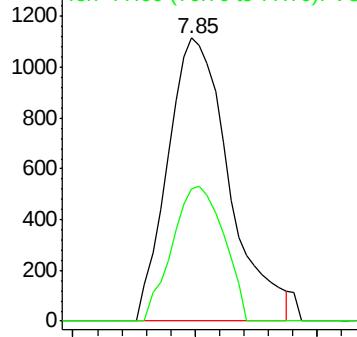
75 100

77 46.6 22.2 41.2#



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: 5.978 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027454.D

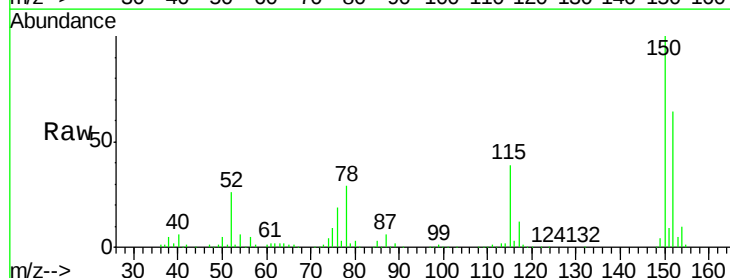
Acq: 05 Oct 2018 15:41

Tgt Ion: 75 Resp: 13329

Ion Ratio Lower Upper

75 100

77 38.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

