

Data File : VU026525.D
Acq On : 04 Sep 2018 16:54
Operator : MD/SY
Sample : VIBLK48
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK48

Quant Time: Sep 05 01:12:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:11:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	162934	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64751	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47497	47.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.10%
7) Chloroethane-d5	1.68	69	42040	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.27	63	74180	32.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.26%
21) 2-Butanone-d5	4.18	46	40732	51.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	51.99%
24) Chloroform-d	4.65	84	83765	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.31	65	58935	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
32) Benzene-d6	5.34	84	174429	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.33	67	60027	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.74%
41) Toluene-d8	7.57	98	157326	46.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.02%
43) trans-1,3-Dichloropropene-	7.85	79	18345	33.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.76%
47) 2-Hexanone-d5	8.31	63	50624	91.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83504	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	62852	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

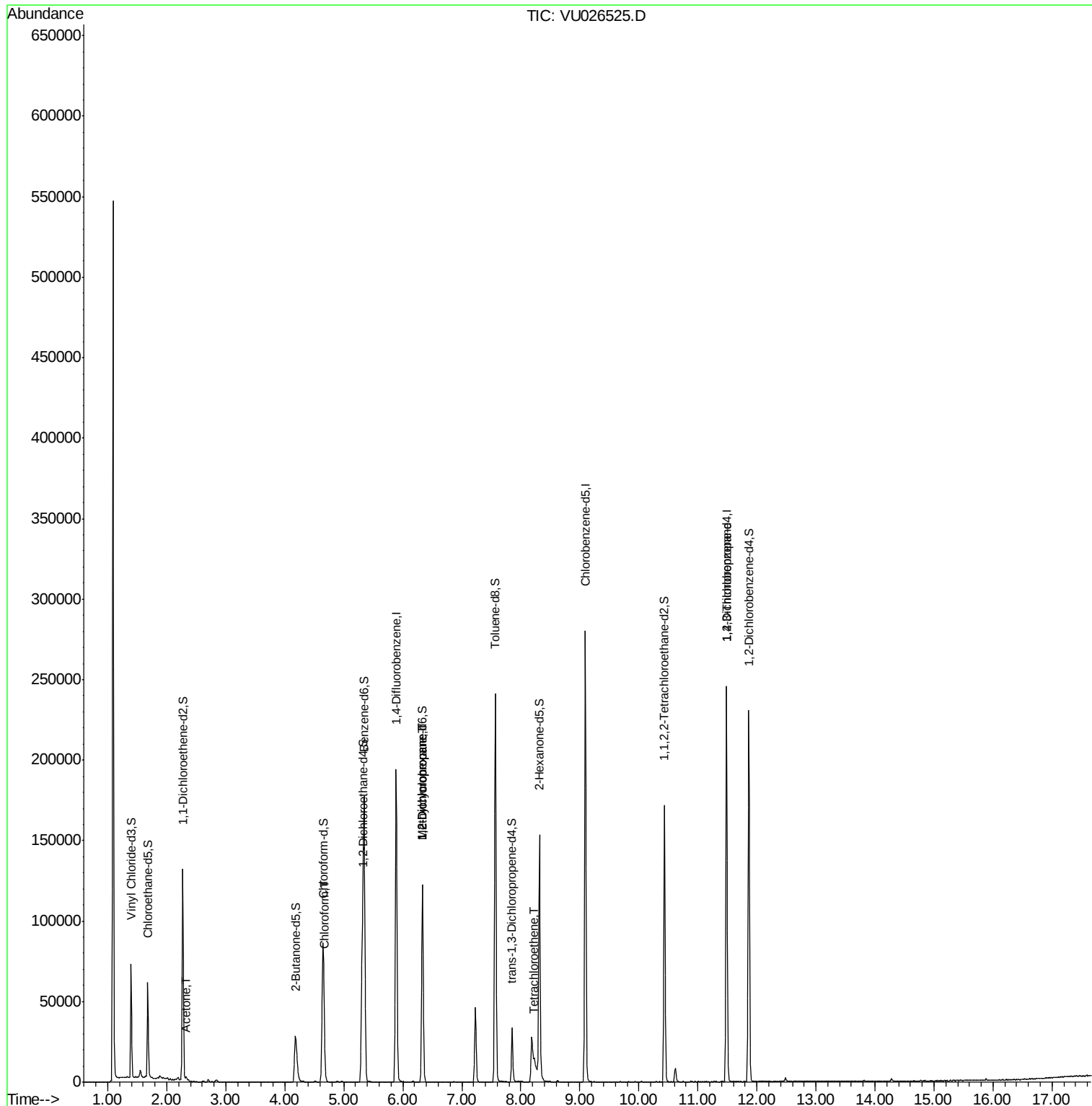
					Qvalue
13) Acetone	2.32	43	1154	1.701 ug/L	87
25) Chloroform	4.67	83	5248	2.486 ug/L	95
35) Methylcyclohexane	6.33	83	13502	7.910 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6340	5.255 ug/L #	88
46) Tetrachloroethene	8.23	164	1114	1.246 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	7522	4.996 ug/L	92

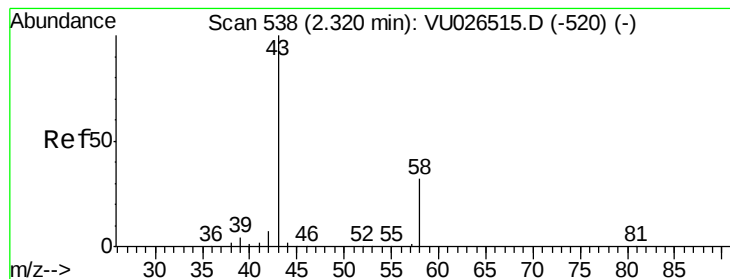
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.701 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

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Acq: 04 Sep 2018 16:54

Instrument :

MSVOA_U

ClientSampleId :

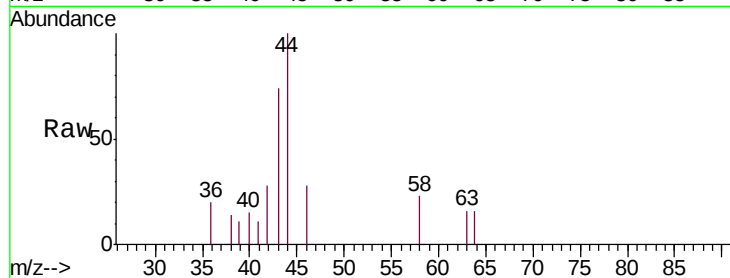
VIBLK48

Tgt Ion: 43 Resp: 1154

Ion Ratio Lower Upper

43 100

58 23.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

600

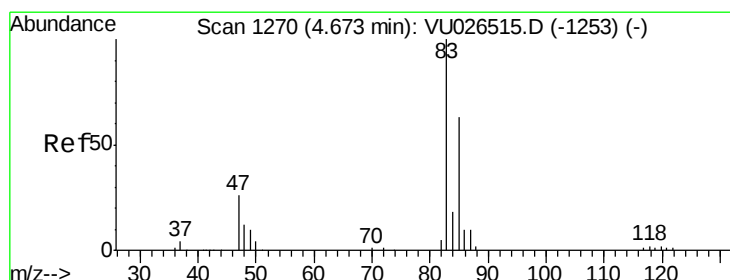
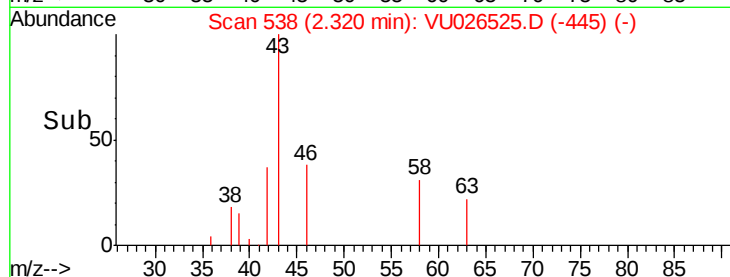
400

200

0

Time-->

2.28 2.30 2.32 2.34 2.36



#25

Chloroform

Concen: 2.486 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

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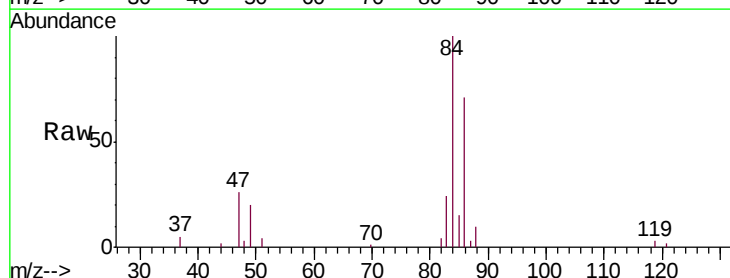
Acq: 04 Sep 2018 16:54

Tgt Ion: 83 Resp: 5248

Ion Ratio Lower Upper

83 100

85 62.6 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

4.67

2500

2000

1500

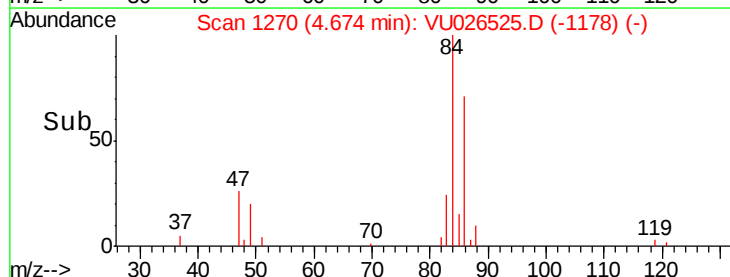
1000

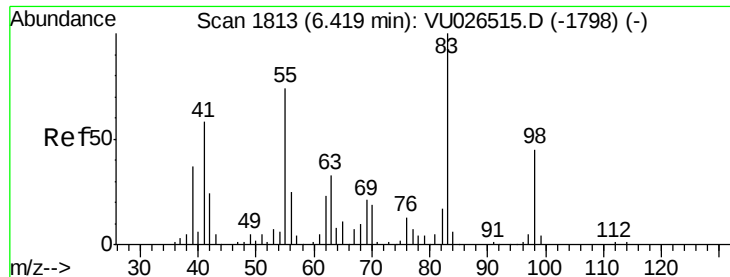
500

0

Time-->

4.60 4.65 4.70

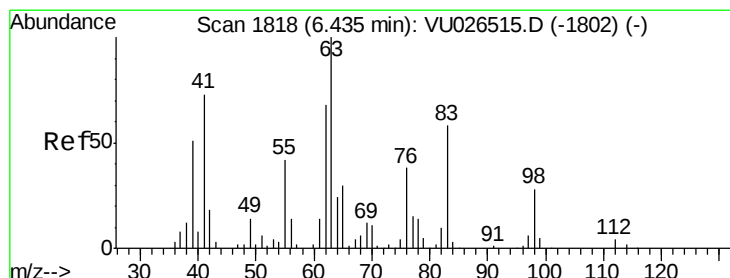
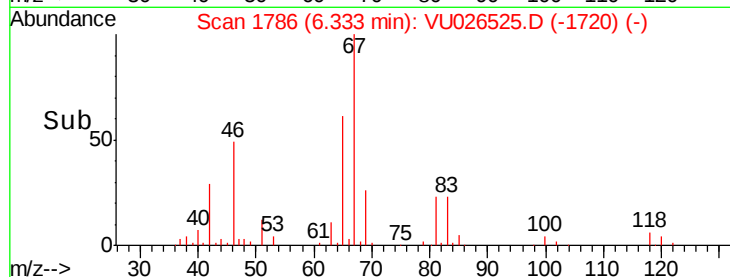
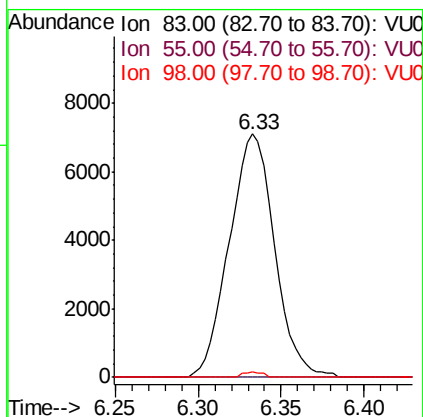
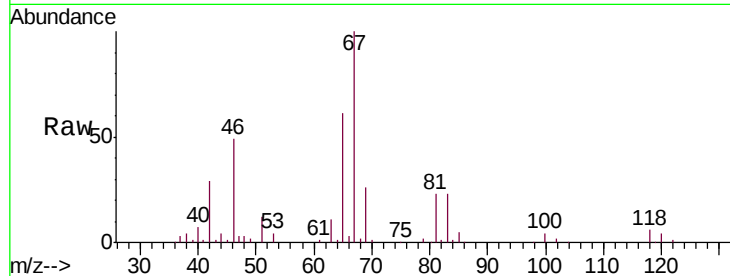




#35
Methylcyclohexane
Concen: 7.910 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026525.D
Acq: 04 Sep 2018 16:54

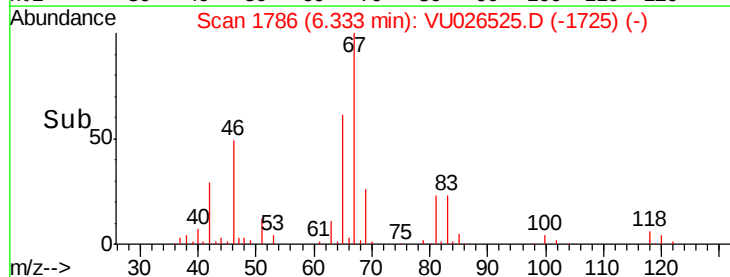
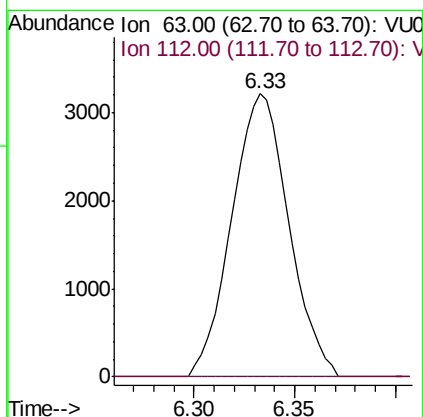
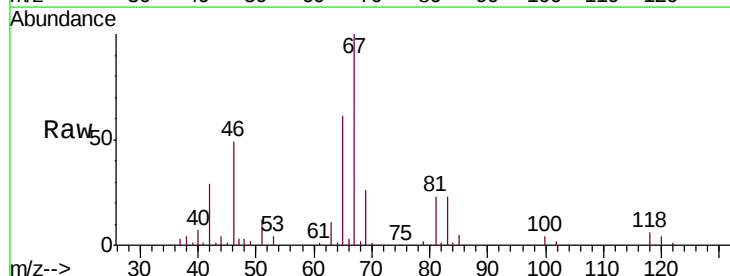
Instrument :
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VIBLK48

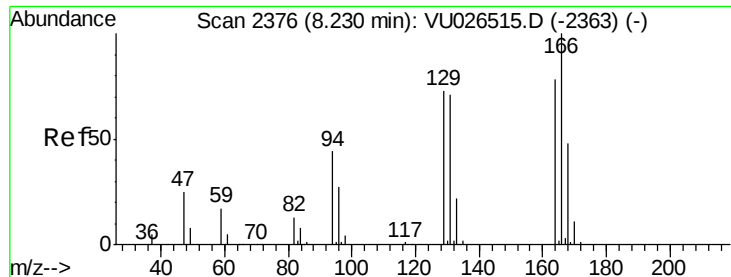
Tgt Ion: 83 Resp: 13502
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.9 36.7 55.1#



#37
1,2-Dichloropropane
Concen: 5.255 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026525.D
Acq: 04 Sep 2018 16:54

Tgt Ion: 63 Resp: 6340
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#46

Tetrachloroethene

Concen: 1.246 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026525.D

Acq: 04 Sep 2018 16:54

Instrument :

MSVOA_U

ClientSampleId :

VIBLK48

Tgt Ion:164 Resp: 1114

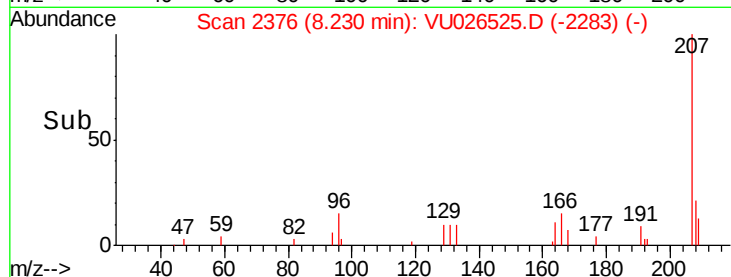
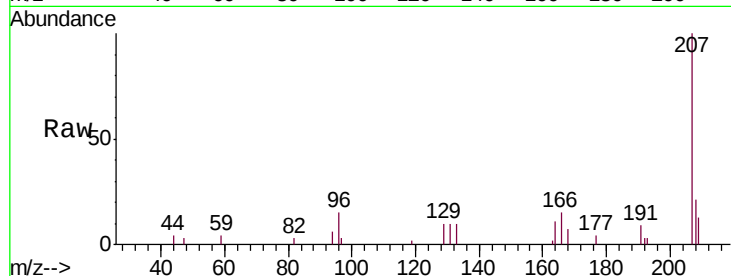
Ion Ratio Lower Upper

164 100

129 90.5 67.3 125.1

131 91.8 65.3 121.3

166 131.9 90.9 168.7

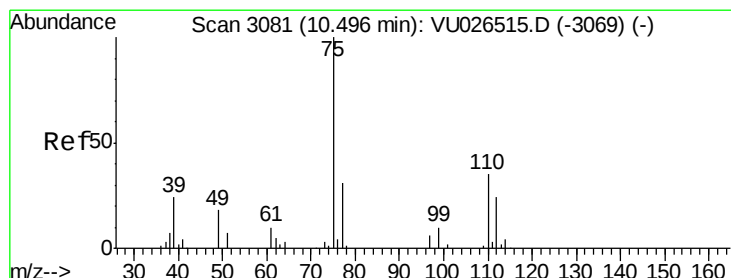
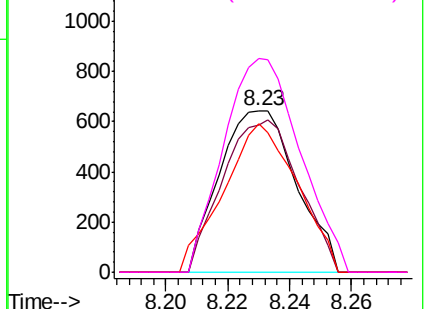


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.996 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026525.D

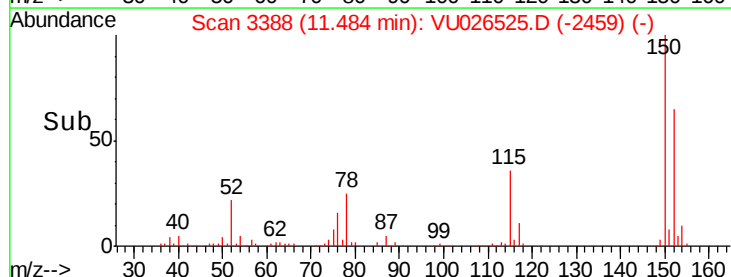
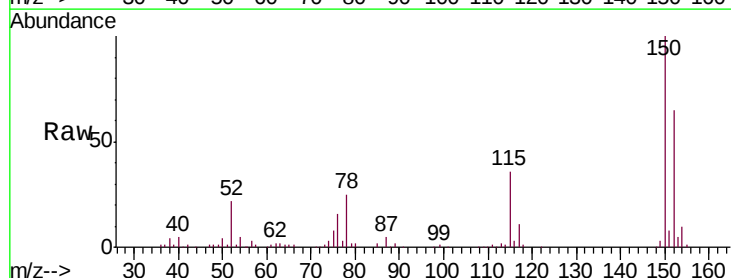
Acq: 04 Sep 2018 16:54

Tgt Ion: 75 Resp: 7522

Ion Ratio Lower Upper

75 100

77 36.0 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

