

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024161.D
 Acq On : 26 May 2018 21:46
 Operator : MD/SY
 Sample : J3091-14 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 28 01:01:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 00:49:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	286825	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93806	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86261	39.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.12%
7) Chloroethane-d5	1.68	69	75181	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.84%
11) 1,1-Dichloroethene-d2	2.27	63	127547	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	4.18	46	171068	98.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.65	84	181138	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	5.31	65	116258	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.35	84	348684	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
36) 1,2-Dichloropropane-d6	6.34	67	124695	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.57	98	300705	42.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.82%
43) trans-1,3-Dichloropropene-	7.85	79	44533	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.42%
47) 2-Hexanone-d5	8.31	63	118746	96.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.03%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173530	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	109507	53.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.48%

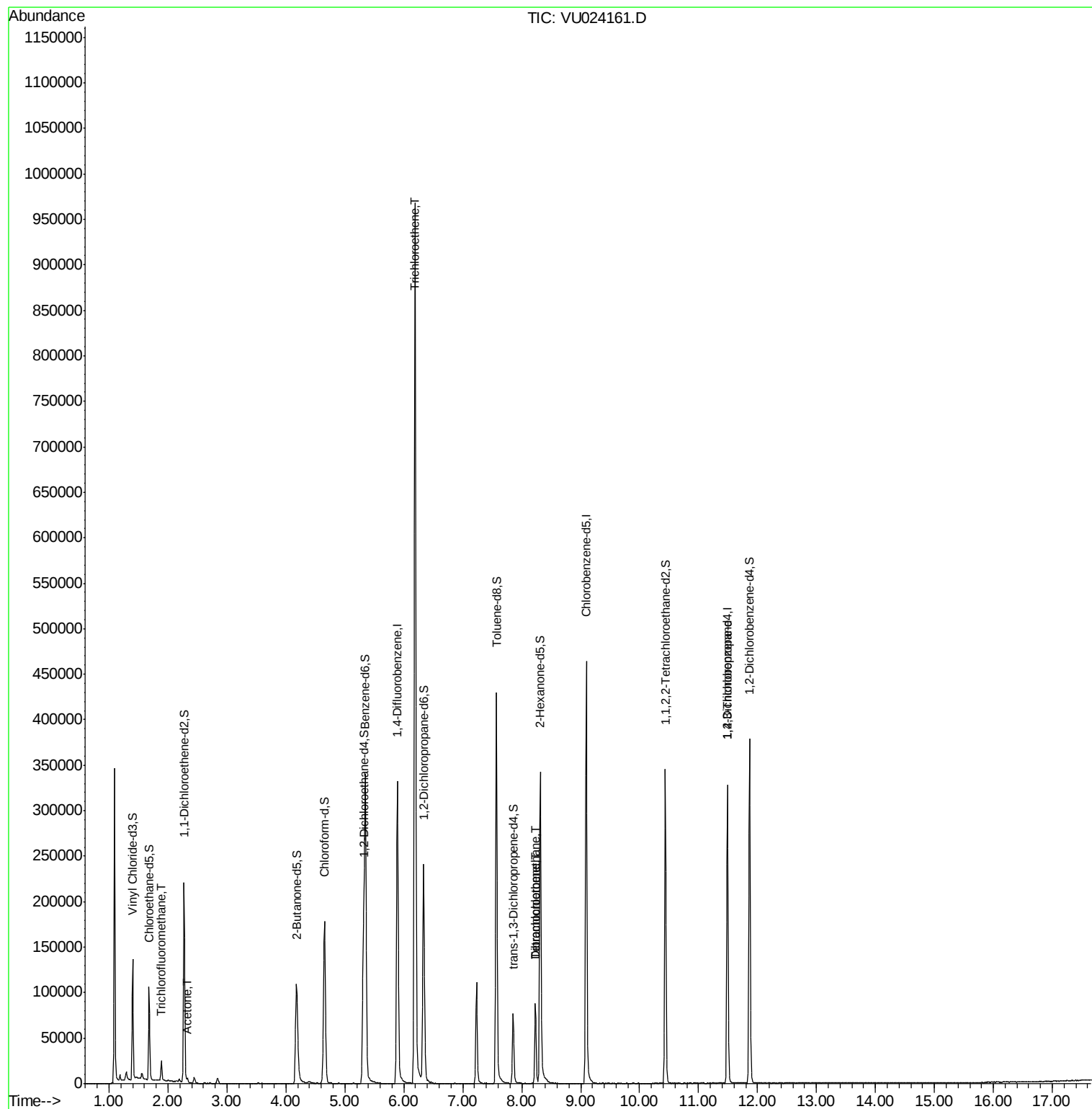
Target Compounds

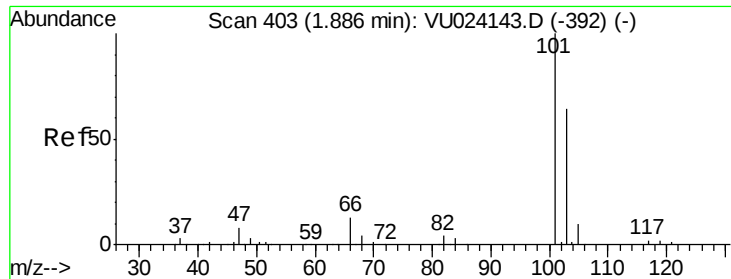
						Qvalue
9) Trichlorofluoromethane	1.89	101	11685	3.36	ug/L	100
13) Acetone	2.33	43	3774	2.50	ug/L	96
34) Trichloroethene	6.19	95	350956	137.35	ug/L	99
46) Tetrachloroethene	8.23	164	20912	11.70	ug/L	97
49) Dibromochloromethane	8.23	129	20128	8.44	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10644	3.33	ug/L	93

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

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#9

Trichlorofluoromethane

Concen: 3.36 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024161.D

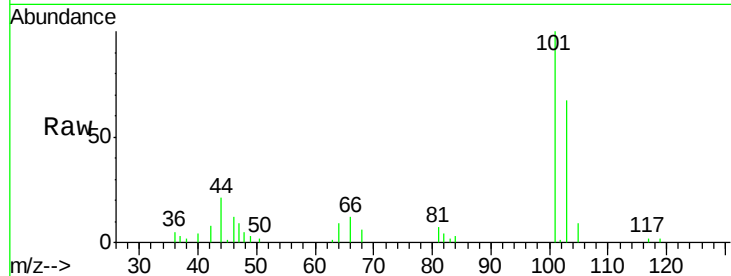
Acq: 26 May 2018 21:46

Tgt Ion: 101 Resp: 11685

Ion Ratio Lower Upper

101 100

103 65.1 52.1 78.1

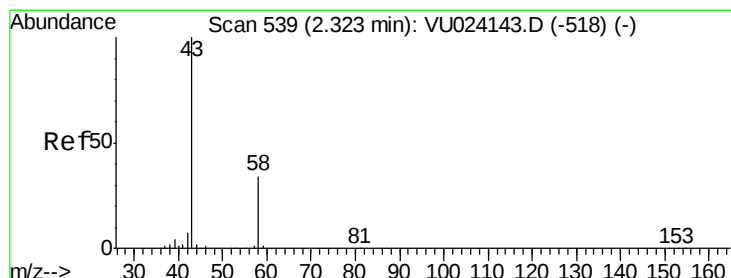
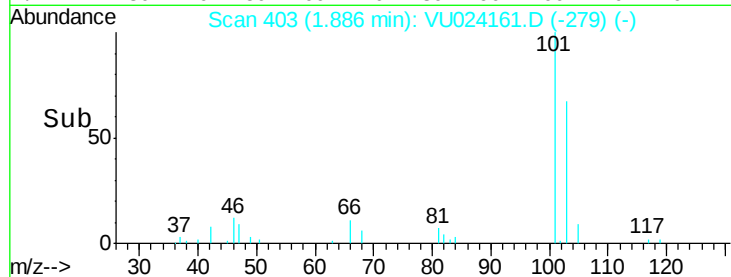


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.89

Time-->



#13

Acetone

Concen: 2.50 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024161.D

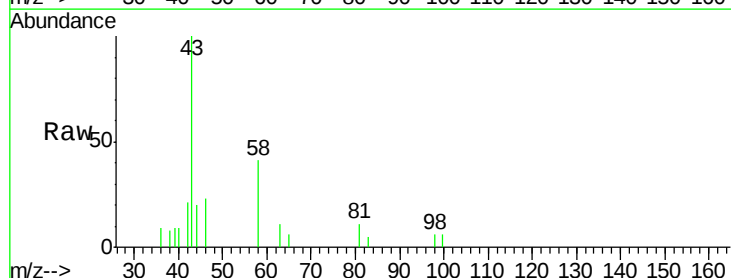
Acq: 26 May 2018 21:46

Tgt Ion: 43 Resp: 3774

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.4

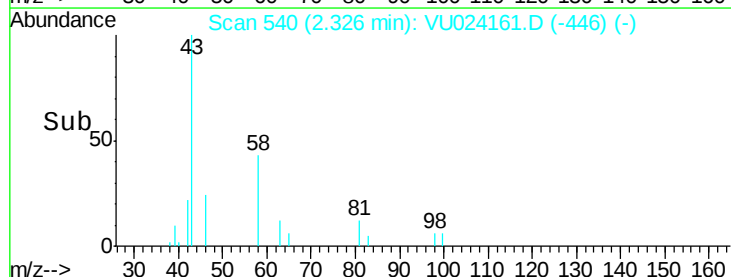


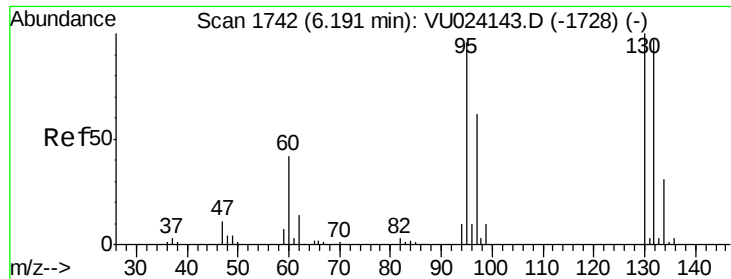
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.33

Time-->





#34

Trichloroethene

Concen: 137.35 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024161.D

Acq: 26 May 2018 21:46

Tgt Ion: 95 Resp: 350956

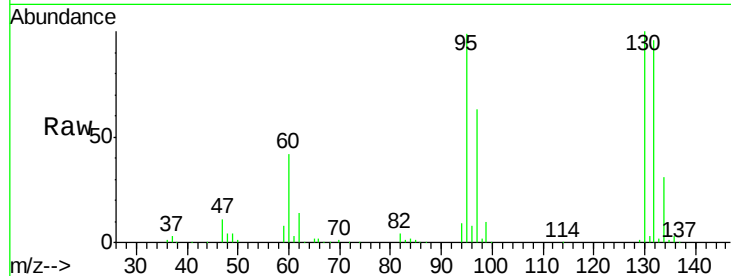
Ion Ratio Lower Upper

95 100

97 64.2 44.5 82.7

132 97.0 69.0 128.2

130 101.4 70.6 131.0

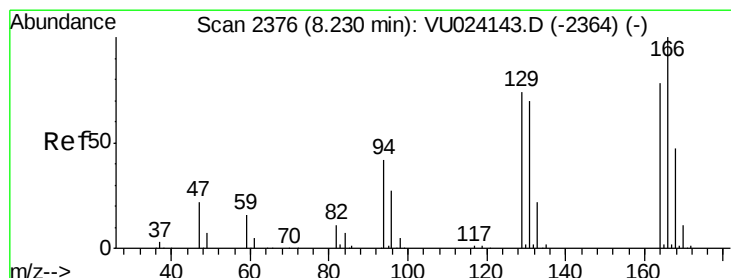
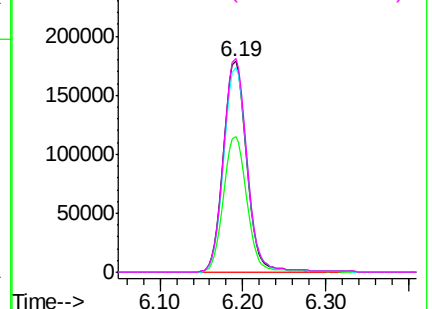
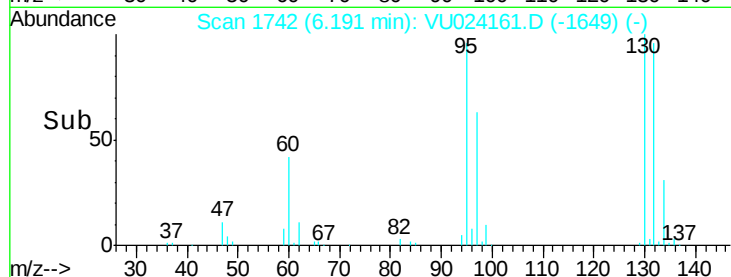


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 11.70 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024161.D

Acq: 26 May 2018 21:46

Tgt Ion: 164 Resp: 20912

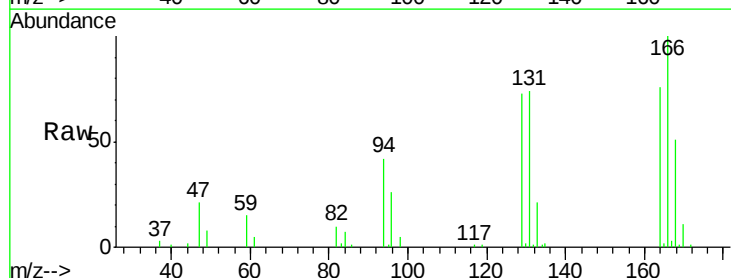
Ion Ratio Lower Upper

164 100

129 96.3 66.6 123.6

131 97.1 64.5 119.9

166 131.1 89.3 165.9

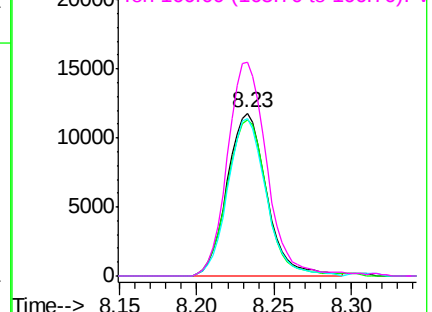
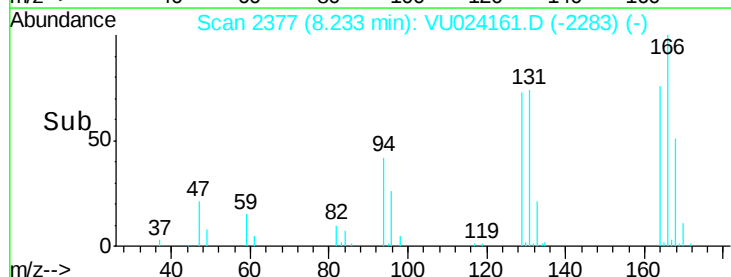


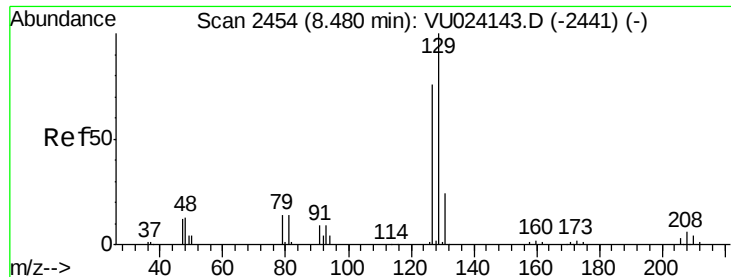
Abundance Ion 164.00 (163.70 to 164.70): V

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





#49

Dibromochloromethane

Concen: 8.44 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024161.D

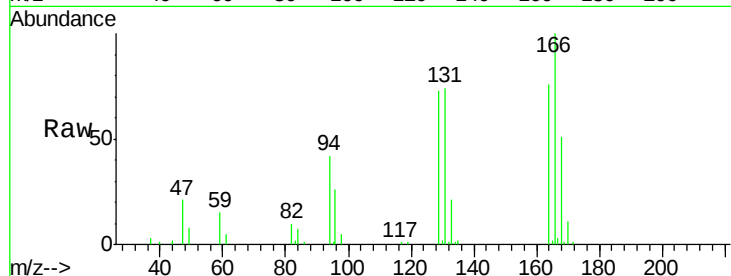
Acq: 26 May 2018 21:46

Tgt Ion: 129 Resp: 20128

Ion Ratio Lower Upper

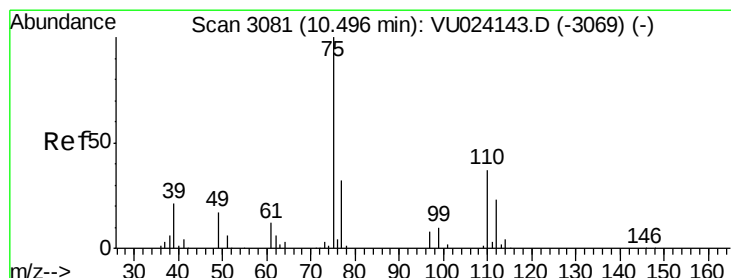
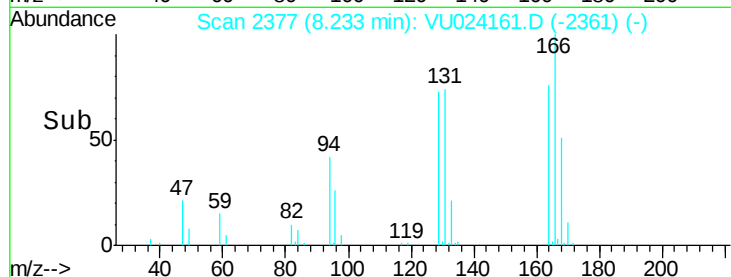
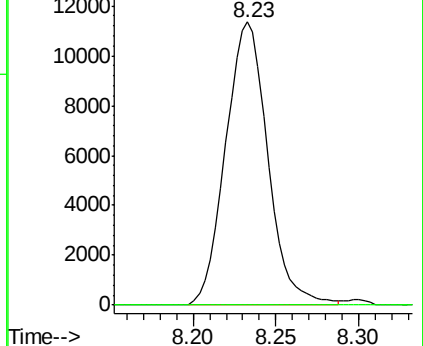
129 100

127 0.0 54.2 100.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 3.33 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024161.D

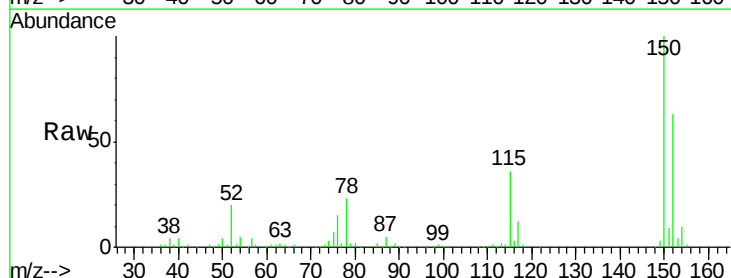
Acq: 26 May 2018 21:46

Tgt Ion: 75 Resp: 10644

Ion Ratio Lower Upper

75 100

77 35.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

