

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024202.D
 Acq On : 27 May 2018 20:55
 Operator : MD/SY
 Sample : J3092-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 28 04:22:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 04:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	296405	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	275212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	94227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104220	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.67	69	86760	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.98%
11) 1,1-Dichloroethene-d2	2.27	63	143888	34.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.66%
21) 2-Butanone-d5	4.18	46	147017	82.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.07%
24) Chloroform-d	4.65	84	180690	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
26) 1,2-Dichloroethane-d4	5.31	65	119713	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
32) Benzene-d6	5.35	84	374048	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
36) 1,2-Dichloropropane-d6	6.33	67	124105	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.57	98	315296	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%
43) trans-1,3-Dichloropropene-	7.85	79	45644	43.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.94%
47) 2-Hexanone-d5	8.31	63	99408	79.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.82%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	164871	43.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	106207	51.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.82%

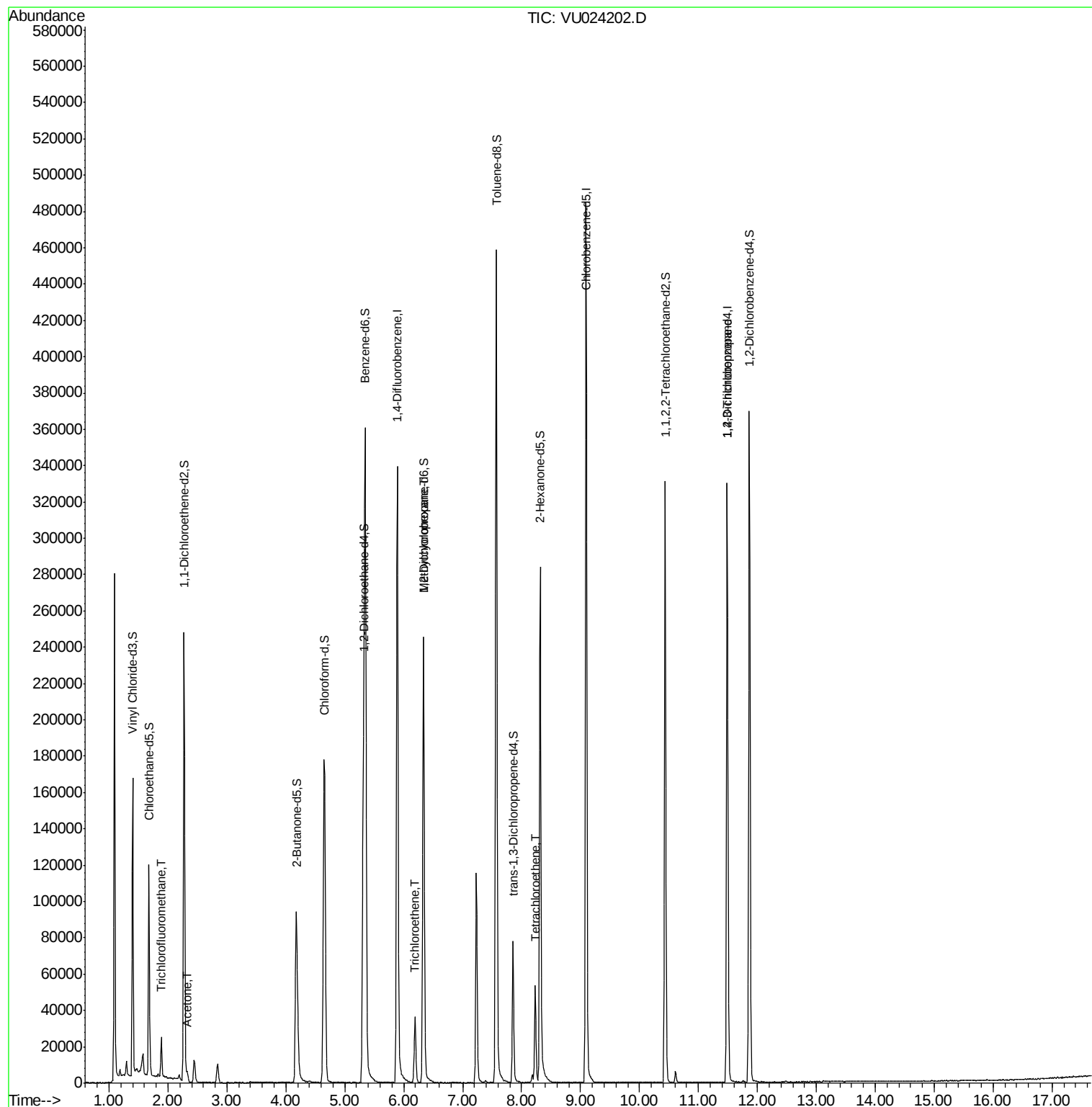
Target Compounds

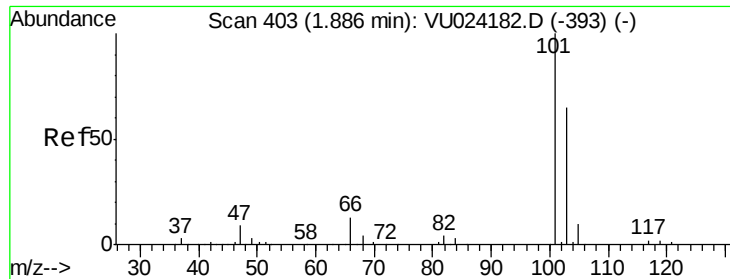
						Qvalue
9) Trichlorofluoromethane	1.89	101	11963	3.33	ug/L	99
13) Acetone	2.32	43	4097	2.62	ug/L	98
34) Trichloroethene	6.19	95	12670	4.92	ug/L	98
35) Methylcyclohexane	6.33	83	27485	7.72	ug/L #	18
46) Tetrachloroethene	8.23	164	12902	7.17	ug/L	96
59) 1,2,3-Trichloropropane	11.49	75	10878	3.38	ug/L #	88

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

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#9

Trichlorofluoromethane

Concen: 3.33 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024202.D

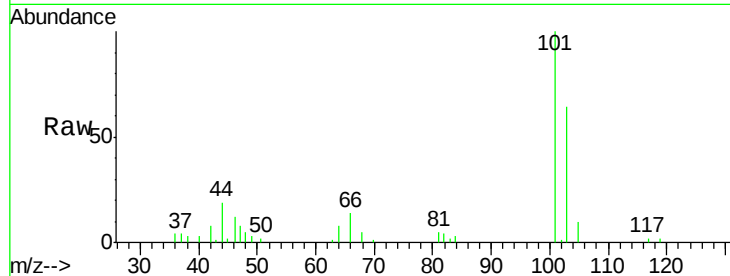
Acq: 27 May 2018 20:55

Tgt Ion: 101 Resp: 11963

Ion Ratio Lower Upper

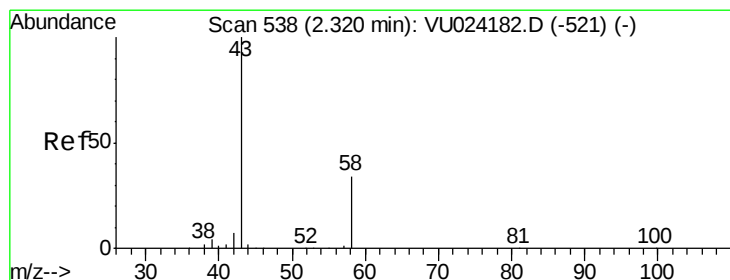
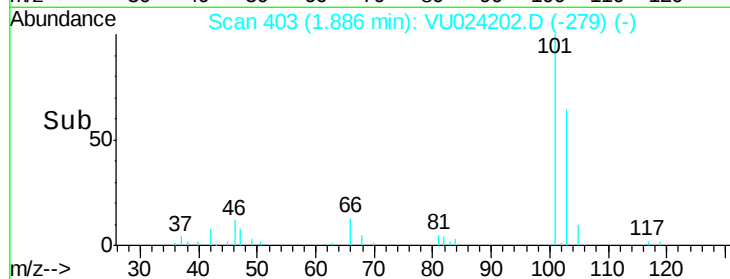
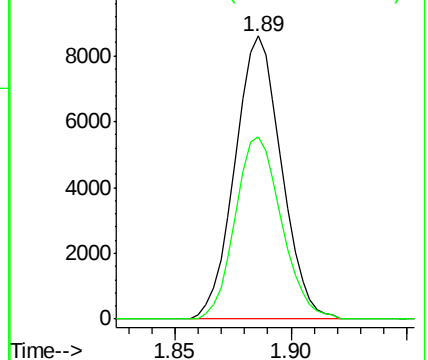
101 100

103 64.1 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 2.62 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024202.D

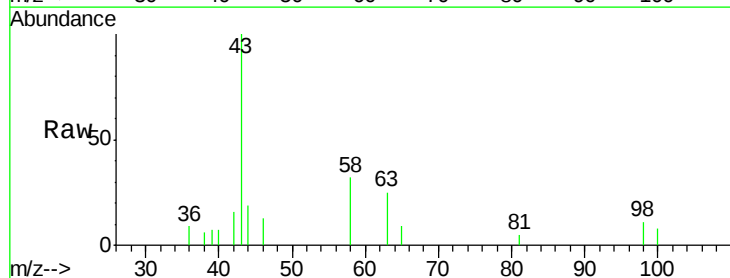
Acq: 27 May 2018 20:55

Tgt Ion: 43 Resp: 4097

Ion Ratio Lower Upper

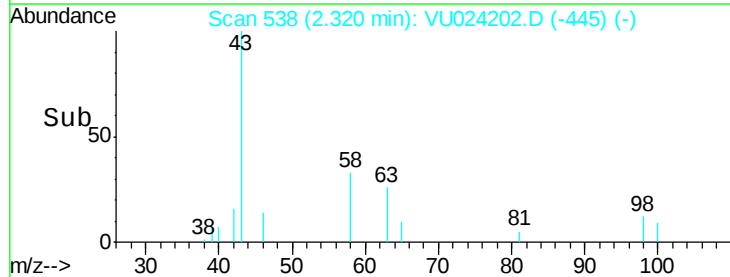
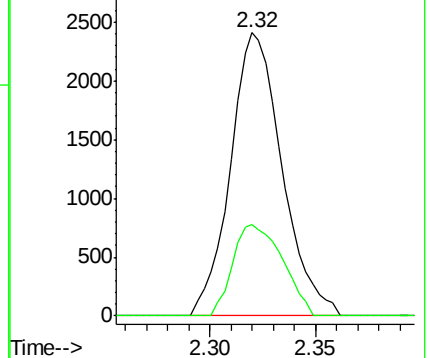
43 100

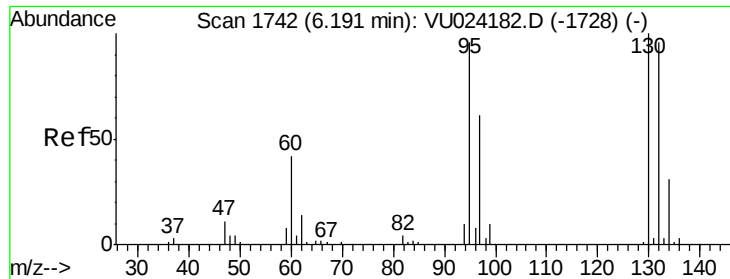
58 31.0 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 4.92 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024202.D

Acq: 27 May 2018 20:55

Tgt Ion: 95 Resp: 12670

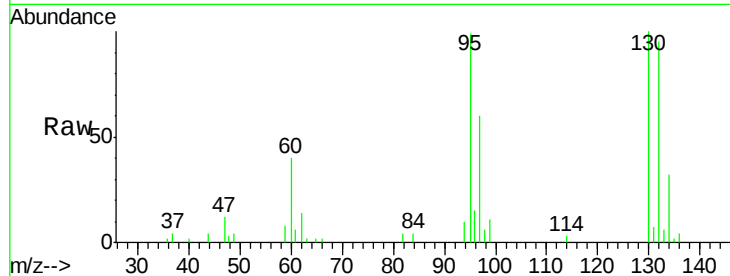
Ion Ratio Lower Upper

95 100

97 61.3 44.5 82.7

132 96.4 69.0 128.2

130 101.5 70.6 131.0

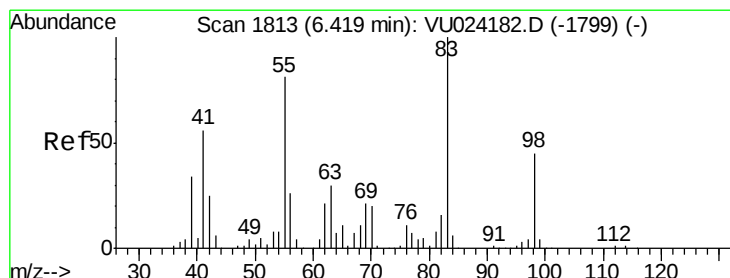
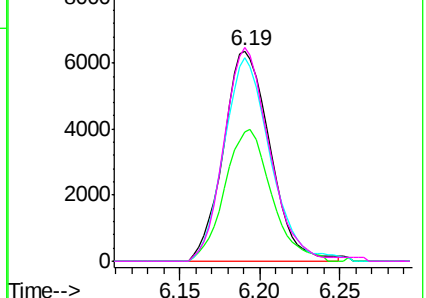
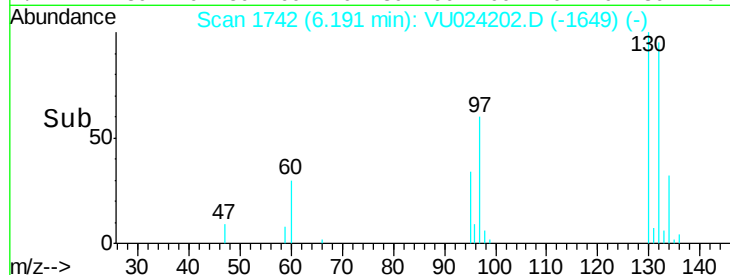


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 7.72 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU024202.D

Acq: 27 May 2018 20:55

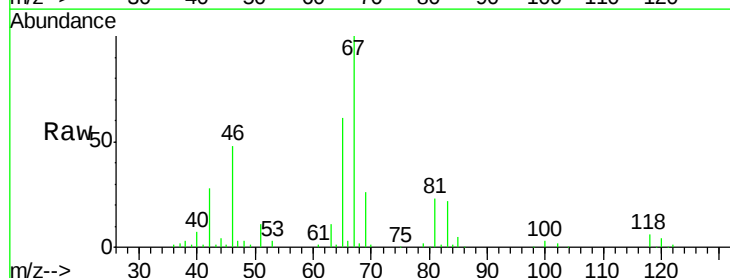
Tgt Ion: 83 Resp: 27485

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

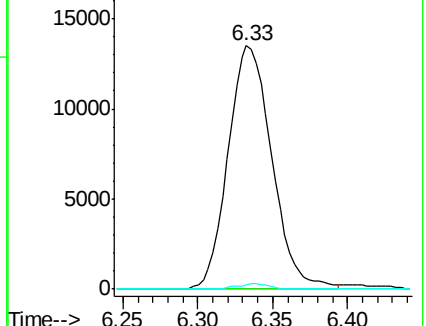
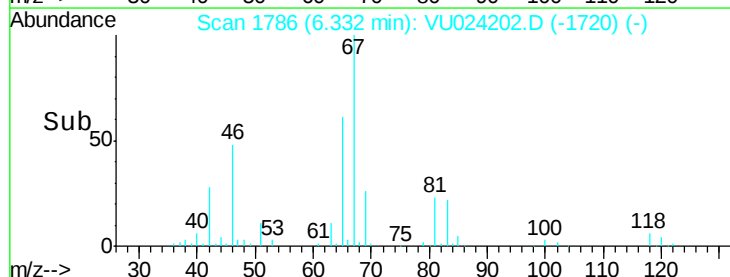
98 1.5 35.8 53.8#

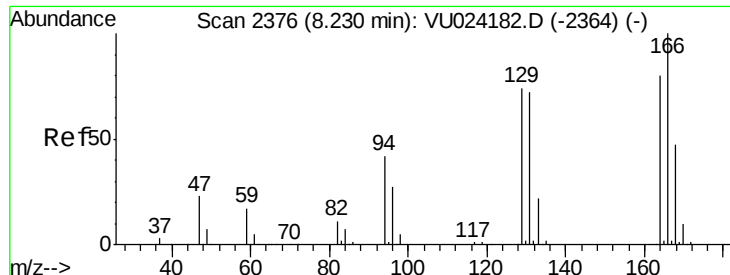


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#46

Tetrachloroethene

Concen: 7.17 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024202.D

Acq: 27 May 2018 20:55

Tgt Ion: 164 Resp: 12902

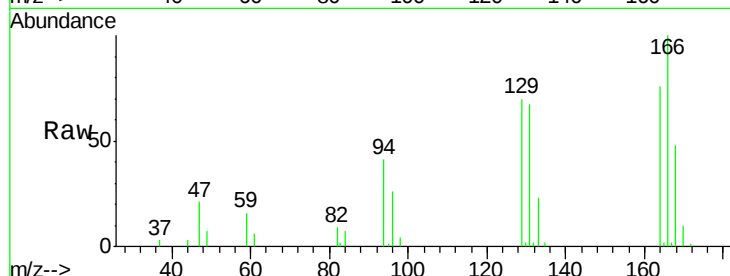
Ion Ratio Lower Upper

164 100

129 92.3 66.6 123.6

131 88.2 64.5 119.9

166 132.0 89.3 165.9

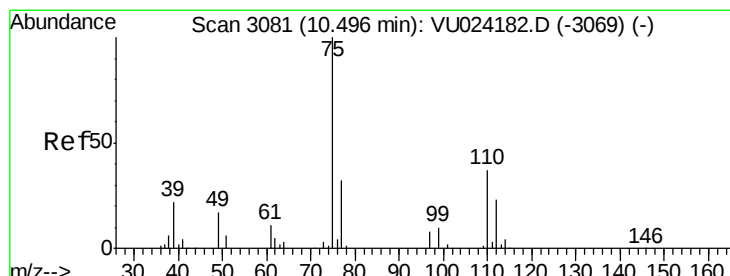
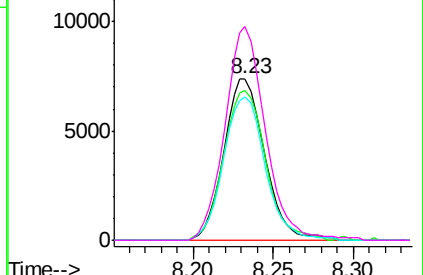
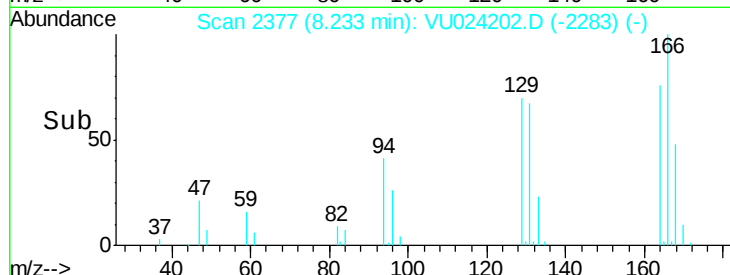


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 3.38 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024202.D

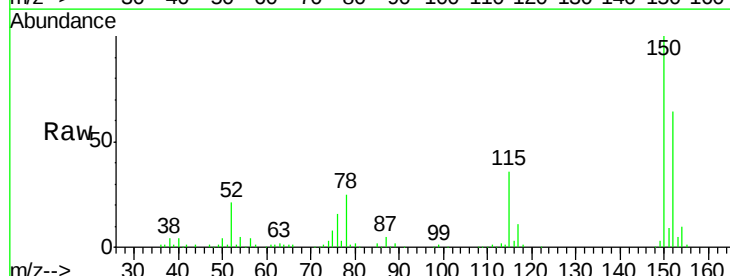
Acq: 27 May 2018 20:55

Tgt Ion: 75 Resp: 10878

Ion Ratio Lower Upper

75 100

77 38.4 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

