

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024210.D
 Acq On : 28 May 2018 00:42
 Operator : MD/SY
 Sample : J3091-18 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 28 05:16:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 05:15:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	301677	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286350	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105668	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.67	69	88954	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.68%
11) 1,1-Dichloroethene-d2	2.27	63	147738	34.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.26%
21) 2-Butanone-d5	4.18	46	164777	90.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.37%
24) Chloroform-d	4.65	84	188939	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.31	65	124905	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.35	84	391408	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.34	67	132122	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.28%
41) Toluene-d8	7.57	98	330246	44.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.94%
43) trans-1,3-Dichloropropene-	7.85	79	46501	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.10%
47) 2-Hexanone-d5	8.31	63	108841	83.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173077	43.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.36%
64) 1,2-Dichlorobenzene-d4	11.87	152	110812	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

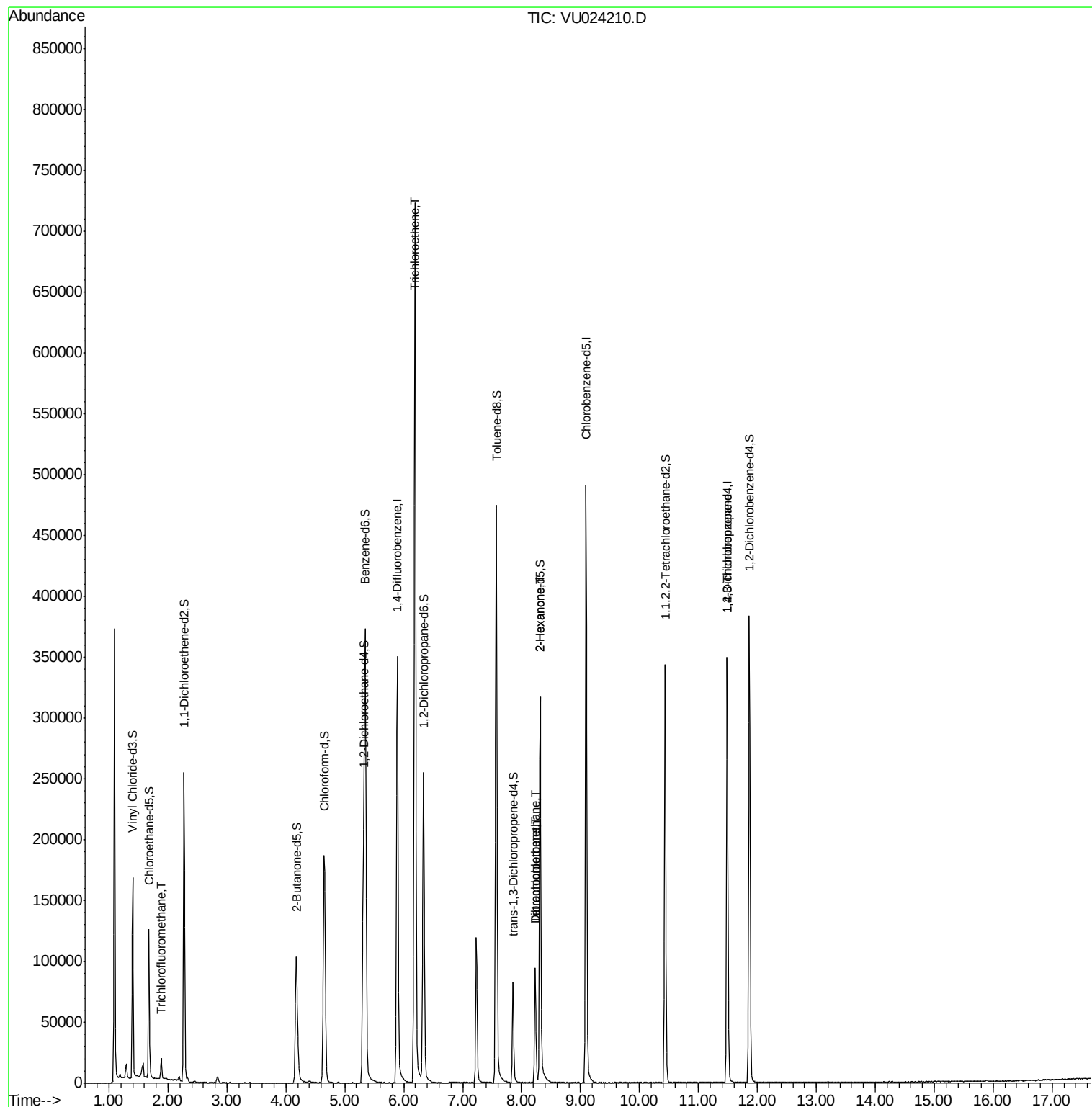
Target Compounds

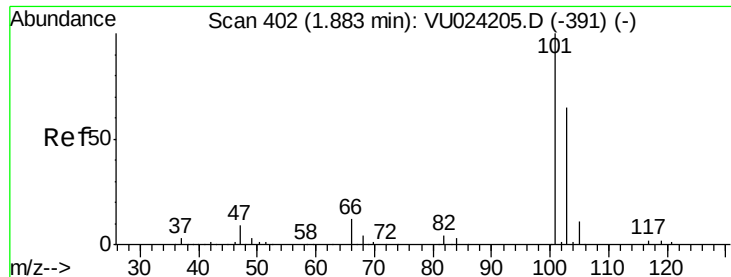
						Qvalue
9) Trichlorofluoromethane	1.89	101	8296	2.27	ug/L	98
34) Trichloroethene	6.19	95	257931	96.32	ug/L	99
46) Tetrachloroethene	8.23	164	22809	12.18	ug/L	99
48) 2-Hexanone	8.31	43	12848	4.49	ug/L #	66
49) Dibromochloromethane	8.23	129	21303	8.52	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	11606	3.47	ug/L	89

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

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QLast Update : Mon May 28 05:15:39 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 2.27 ug/L

RT: 1.89 min Scan# 403

Delta R.T. 0.00 min

Lab File: VU024210.D

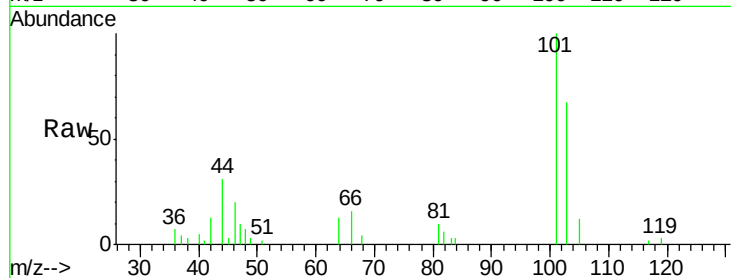
Acq: 28 May 2018 00:42

Tgt Ion: 101 Resp: 8296

Ion Ratio Lower Upper

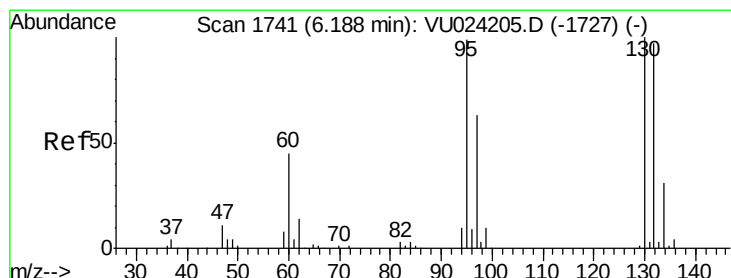
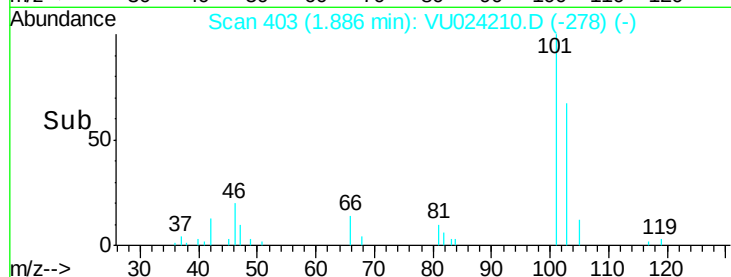
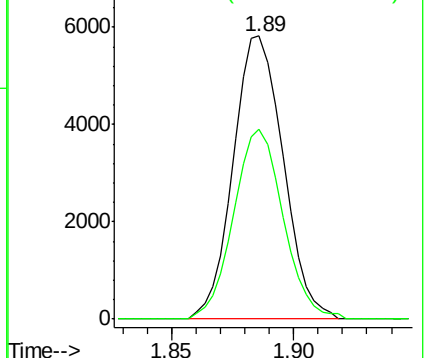
101 100

103 66.4 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 96.32 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024210.D

Acq: 28 May 2018 00:42

Tgt Ion: 95 Resp: 257931

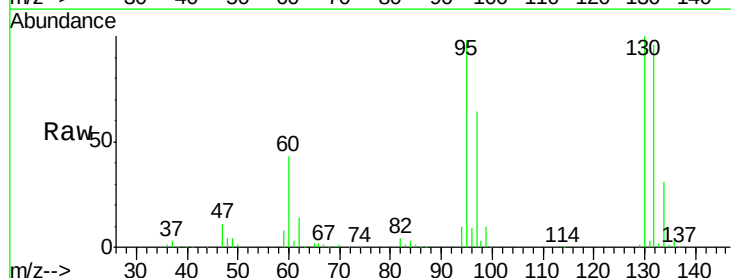
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 97.7 69.0 128.2

130 101.6 70.6 131.0

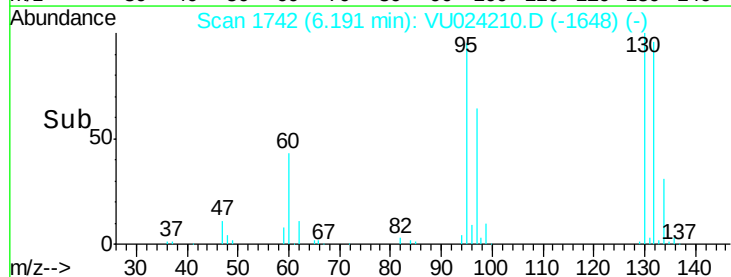
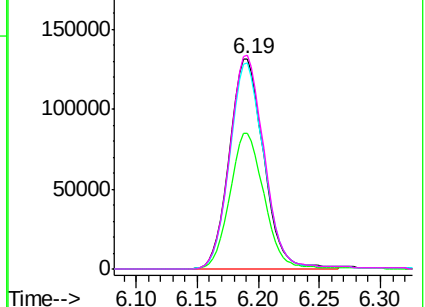


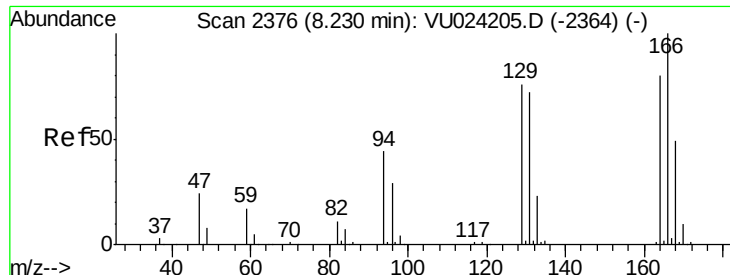
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 12.18 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024210.D

Acq: 28 May 2018 00:42

Tgt Ion:164 Resp: 22809

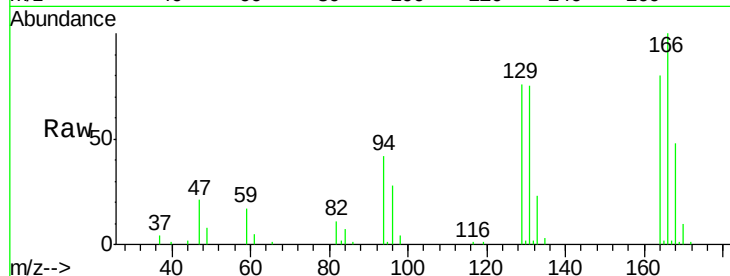
Ion Ratio Lower Upper

164 100

129 95.0 66.6 123.6

131 94.0 64.5 119.9

166 125.4 89.3 165.9

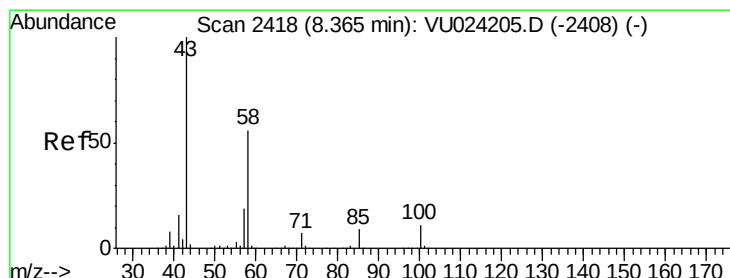
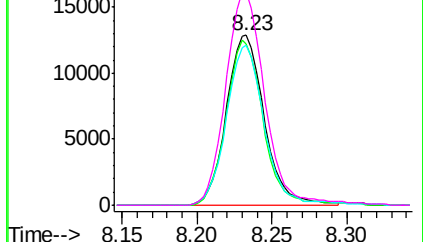
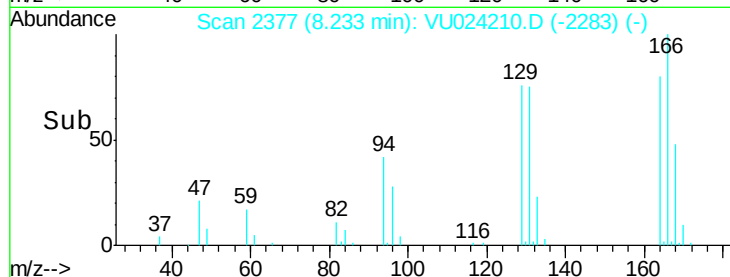


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 4.49 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024210.D

Acq: 28 May 2018 00:42

Tgt Ion: 43 Resp: 12848

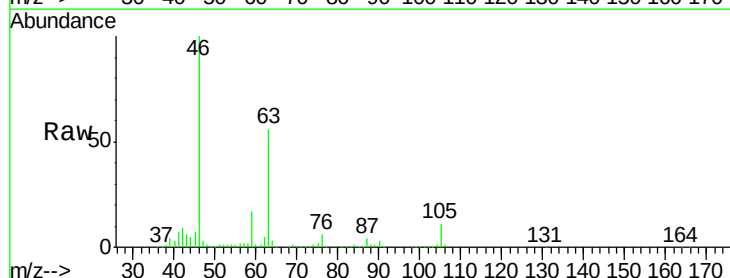
Ion Ratio Lower Upper

43 100

58 29.9 44.6 67.0#

57 35.3 15.3 22.9#

100 2.2 8.9 13.3#

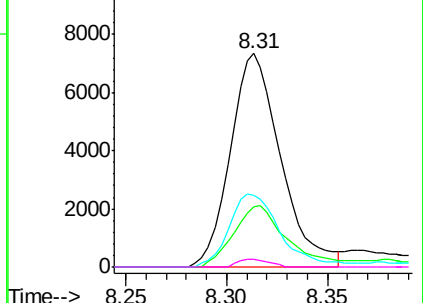
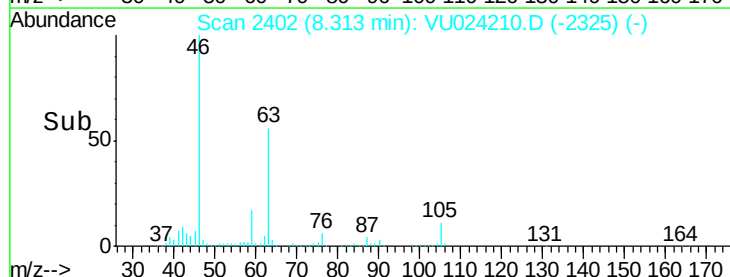


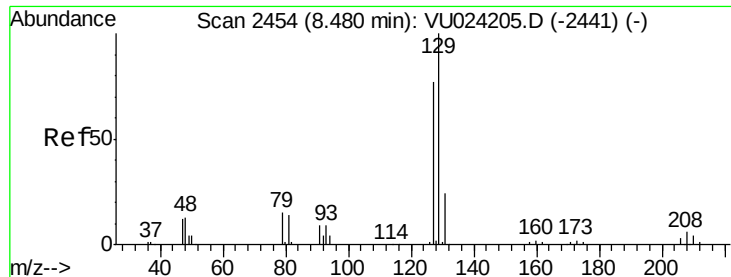
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 8.52 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU024210.D

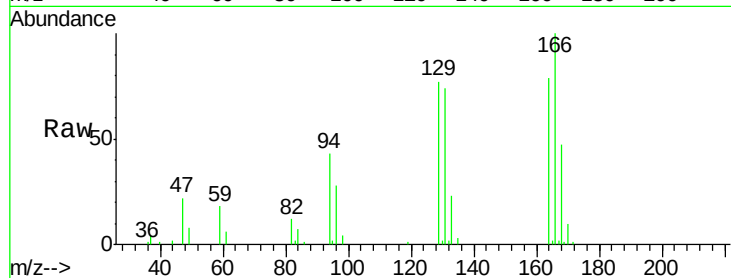
Acq: 28 May 2018 00:42

Tgt Ion: 129 Resp: 21303

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

8.23

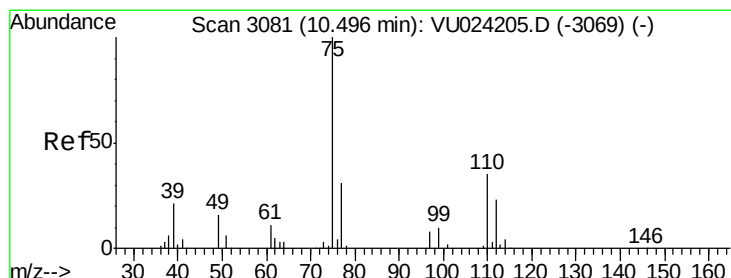
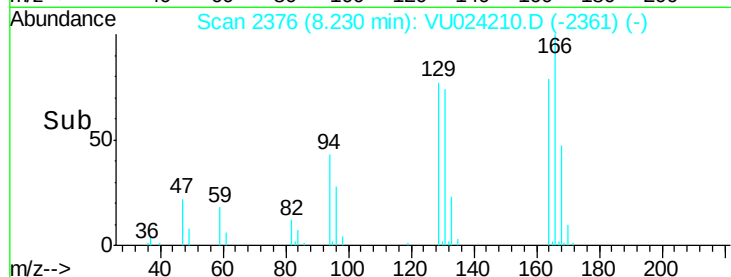
10000

5000

0

Time-->

8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 3.47 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024210.D

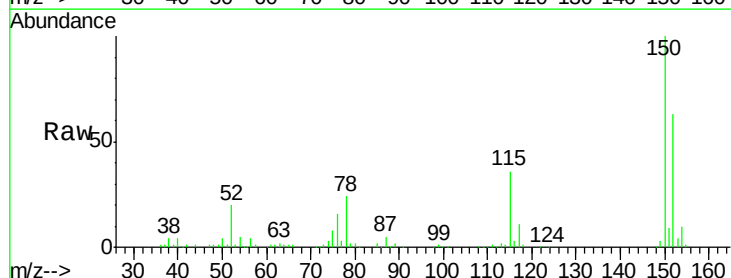
Acq: 28 May 2018 00:42

Tgt Ion: 75 Resp: 11606

Ion Ratio Lower Upper

75 100

77 37.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.49

8000

6000

4000

2000

0

Time-->

11.45 11.50 11.55

