

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
 Data File : VU024196.D
 Acq On : 27 May 2018 18:23
 Operator : MD/SY
 Sample : J3092-15 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 28 04:21:16 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	293097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	270335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	92148	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107797	48.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.76%
7) Chloroethane-d5	1.68	69	89295	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.94%
11) 1,1-Dichloroethene-d2	2.27	63	147955	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.40%
21) 2-Butanone-d5	4.18	46	161358	91.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.09%
24) Chloroform-d	4.65	84	186612	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	5.31	65	125633	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
32) Benzene-d6	5.35	84	382660	51.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.30%
36) 1,2-Dichloropropane-d6	6.34	67	129831	50.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.26%
41) Toluene-d8	7.57	98	330309	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%
43) trans-1,3-Dichloropropene-	7.85	79	47186	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.31	63	110367	90.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171936	45.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.94%
64) 1,2-Dichlorobenzene-d4	11.87	152	109736	54.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.62%

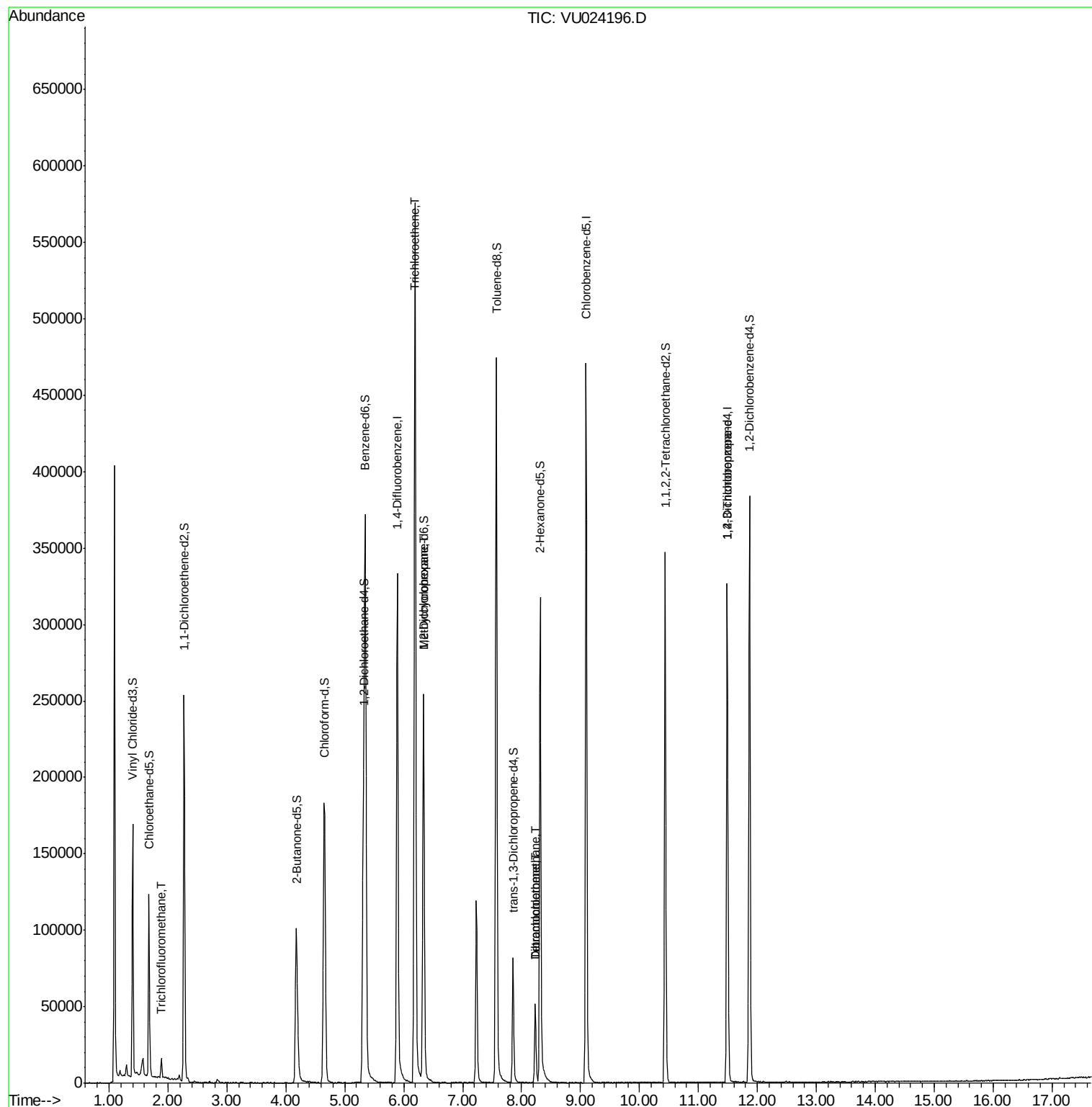
Target Compounds

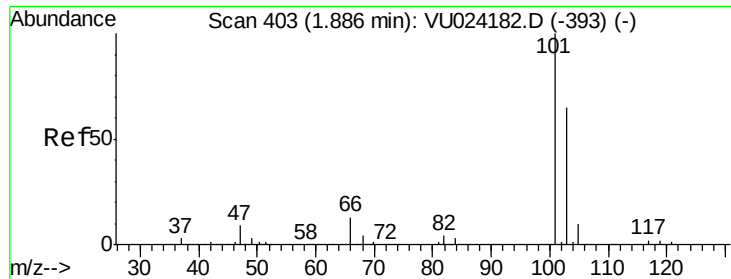
						Qvalue
9) Trichlorofluoromethane	1.89	101	5704	1.60	ug/L	97
34) Trichloroethene	6.19	95	210541	83.28	ug/L	98
35) Methylcyclohexane	6.34	83	29071	8.31	ug/L #	18
46) Tetrachloroethene	8.23	164	12095	6.84	ug/L	99
49) Dibromochloromethane	8.23	129	11980	5.08	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10617	3.36	ug/L #	85

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

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052718\
Data File : VU024196.D
Acq On : 27 May 2018 18:23
Operator : MD/SY
Sample : J3092-15 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 28 04:21:16 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





#9

Trichlorofluoromethane

Concen: 1.60 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024196.D

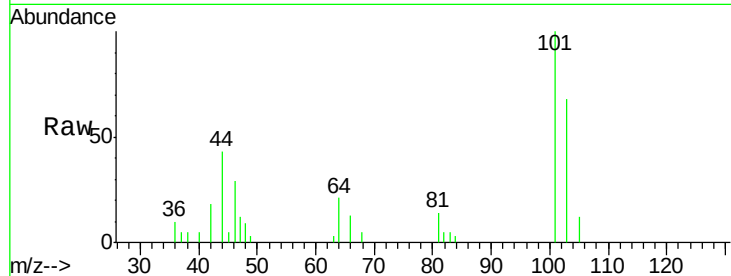
Acq: 27 May 2018 18:23

Tgt Ion: 101 Resp: 5704

Ion Ratio Lower Upper

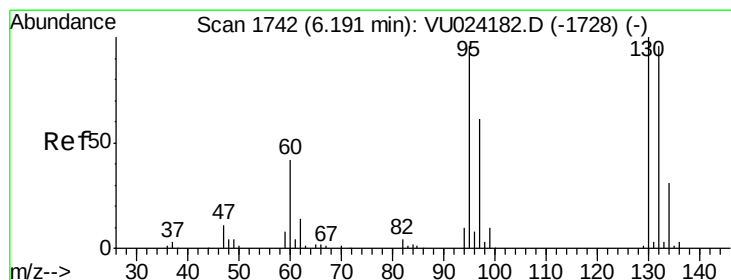
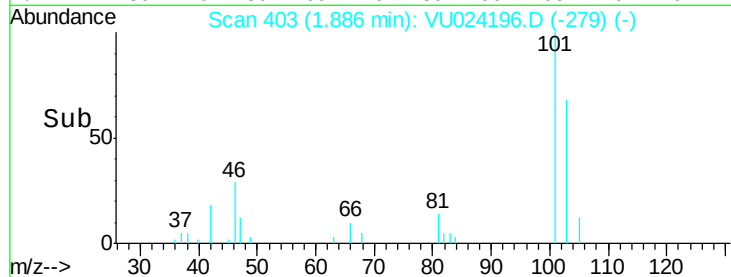
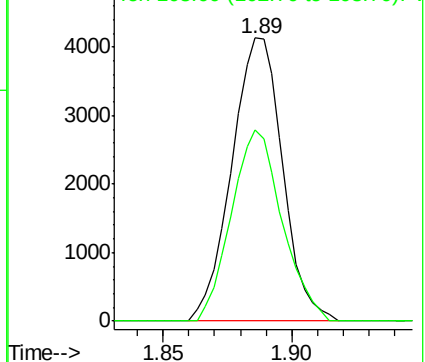
101 100

103 67.2 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: 83.28 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024196.D

Acq: 27 May 2018 18:23

Tgt Ion: 95 Resp: 210541

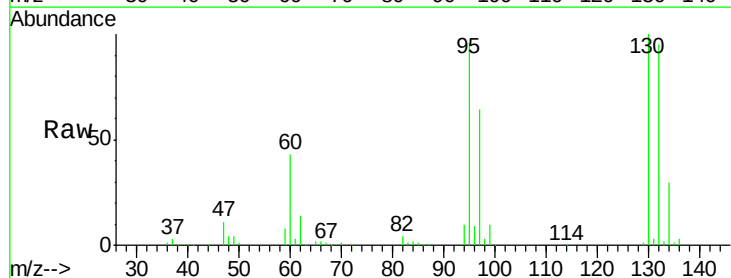
Ion Ratio Lower Upper

95 100

97 66.0 44.5 82.7

132 98.0 69.0 128.2

130 103.7 70.6 131.0

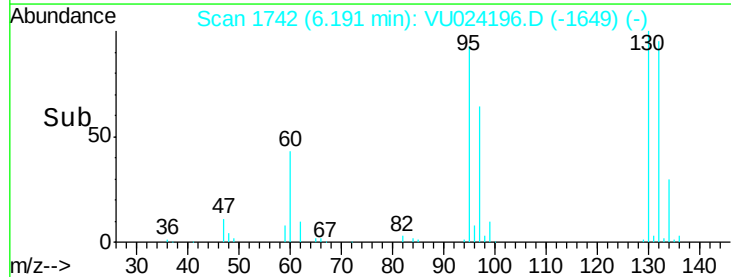
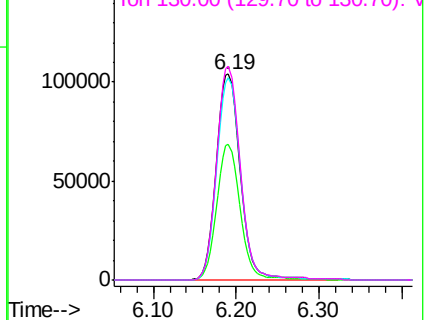


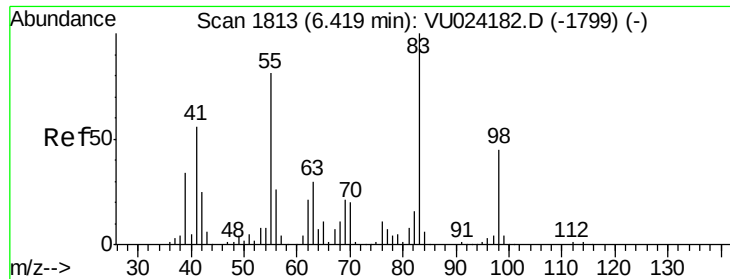
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

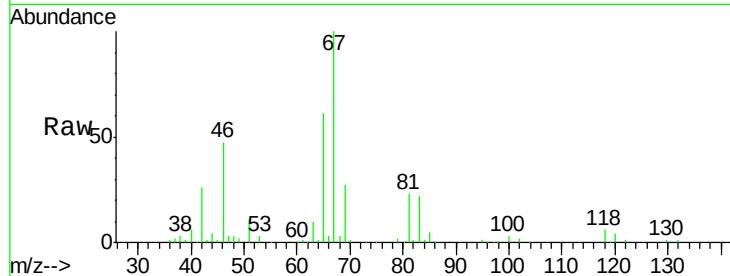
Ion 130.00 (129.70 to 130.70): V



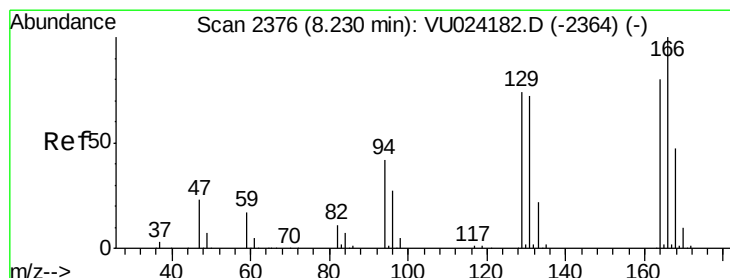
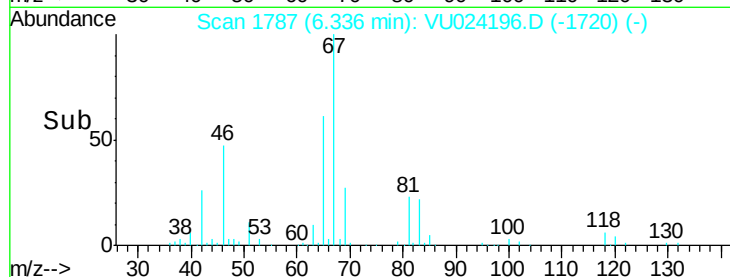
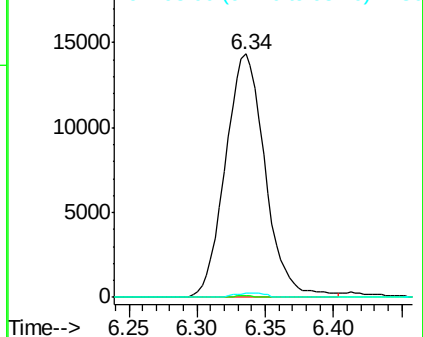


#35
Methylcyclohexane
Concen: 8.31 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU024196.D
Acq: 27 May 2018 18:23

Tgt Ion: 83 Resp: 29071
Ion Ratio Lower Upper
83 100
55 0.3 64.1 96.1#
98 1.2 35.8 53.8#

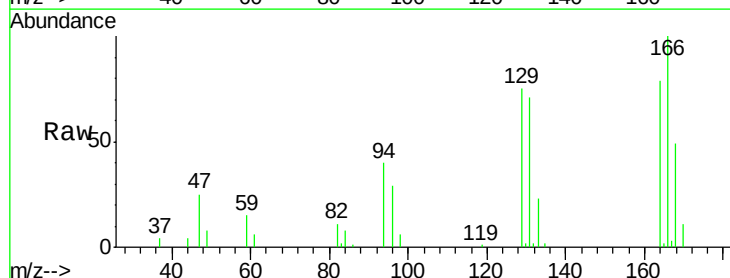


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

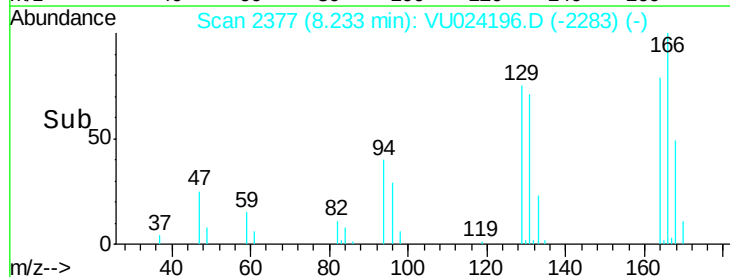
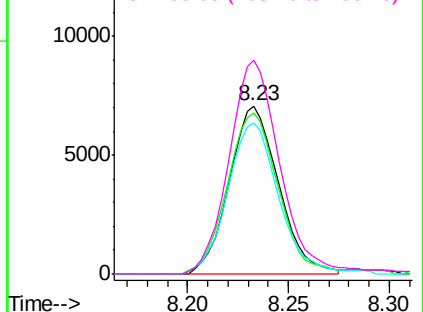


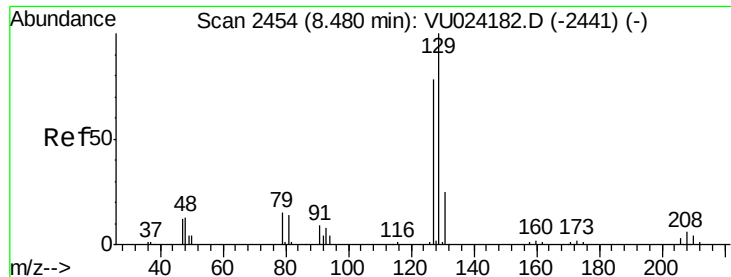
#46
Tetrachloroethene
Concen: 6.84 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024196.D
Acq: 27 May 2018 18:23

Tgt Ion: 164 Resp: 12095
Ion Ratio Lower Upper
164 100
129 95.8 66.6 123.6
131 90.1 64.5 119.9
166 127.2 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: 5.08 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024196.D

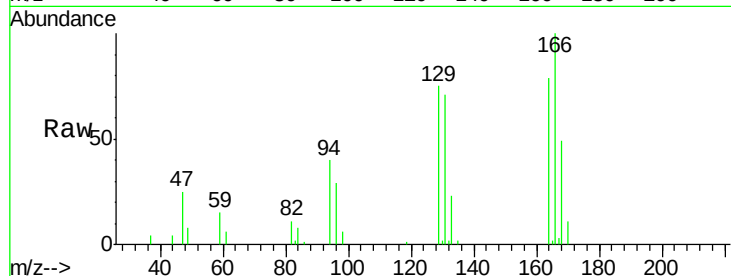
Acq: 27 May 2018 18:23

Tgt Ion:129 Resp: 11980

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

6000

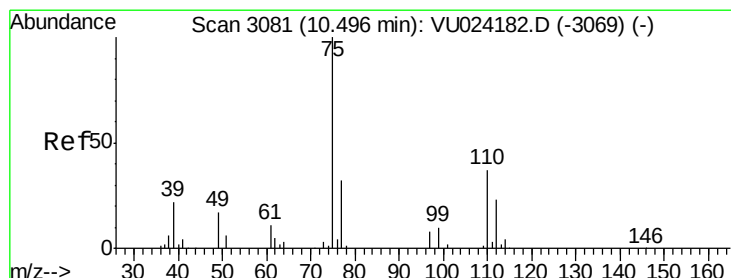
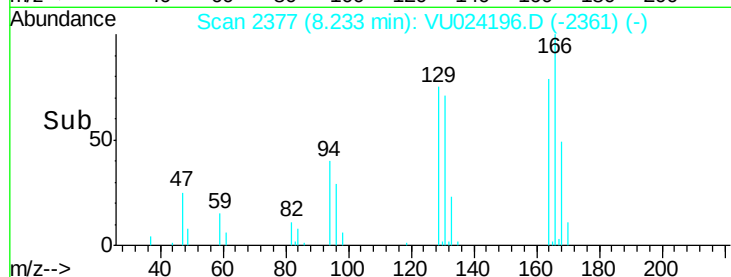
4000

2000

0

8.20 8.25 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.36 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU024196.D

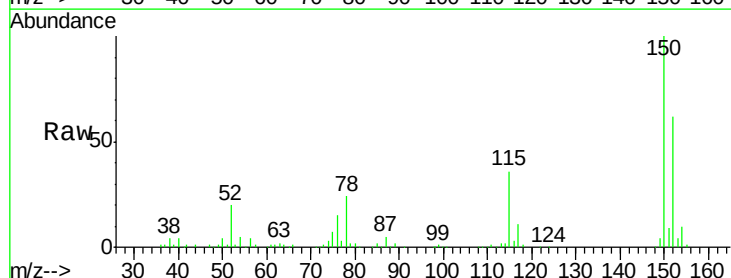
Acq: 27 May 2018 18:23

Tgt Ion: 75 Resp: 10617

Ion Ratio Lower Upper

75 100

77 40.0 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

6000

4000

2000

0

11.45 11.50 11.55

Time-->

