

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024175.D
 Acq On : 27 May 2018 03:41
 Operator : MD/SY
 Sample : J3092-08 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 28 02:22:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:19:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	302875	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280308	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	97038	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74642	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.84%
7) Chloroethane-d5	1.68	69	67652	37.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.27	63	110623	25.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.66%#
21) 2-Butanone-d5	4.18	46	166692	91.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.06%
24) Chloroform-d	4.65	84	169095	40.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.96%
26) 1,2-Dichloroethane-d4	5.31	65	111262	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.14%
32) Benzene-d6	5.35	84	314510	40.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.08%
36) 1,2-Dichloropropane-d6	6.34	67	118523	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.16%
41) Toluene-d8	7.57	98	267729	37.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.48%#
43) trans-1,3-Dichloropropene-	7.85	79	40593	38.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.78%
47) 2-Hexanone-d5	8.31	63	116101	91.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.53%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168513	43.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.90%
64) 1,2-Dichlorobenzene-d4	11.87	152	103289	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

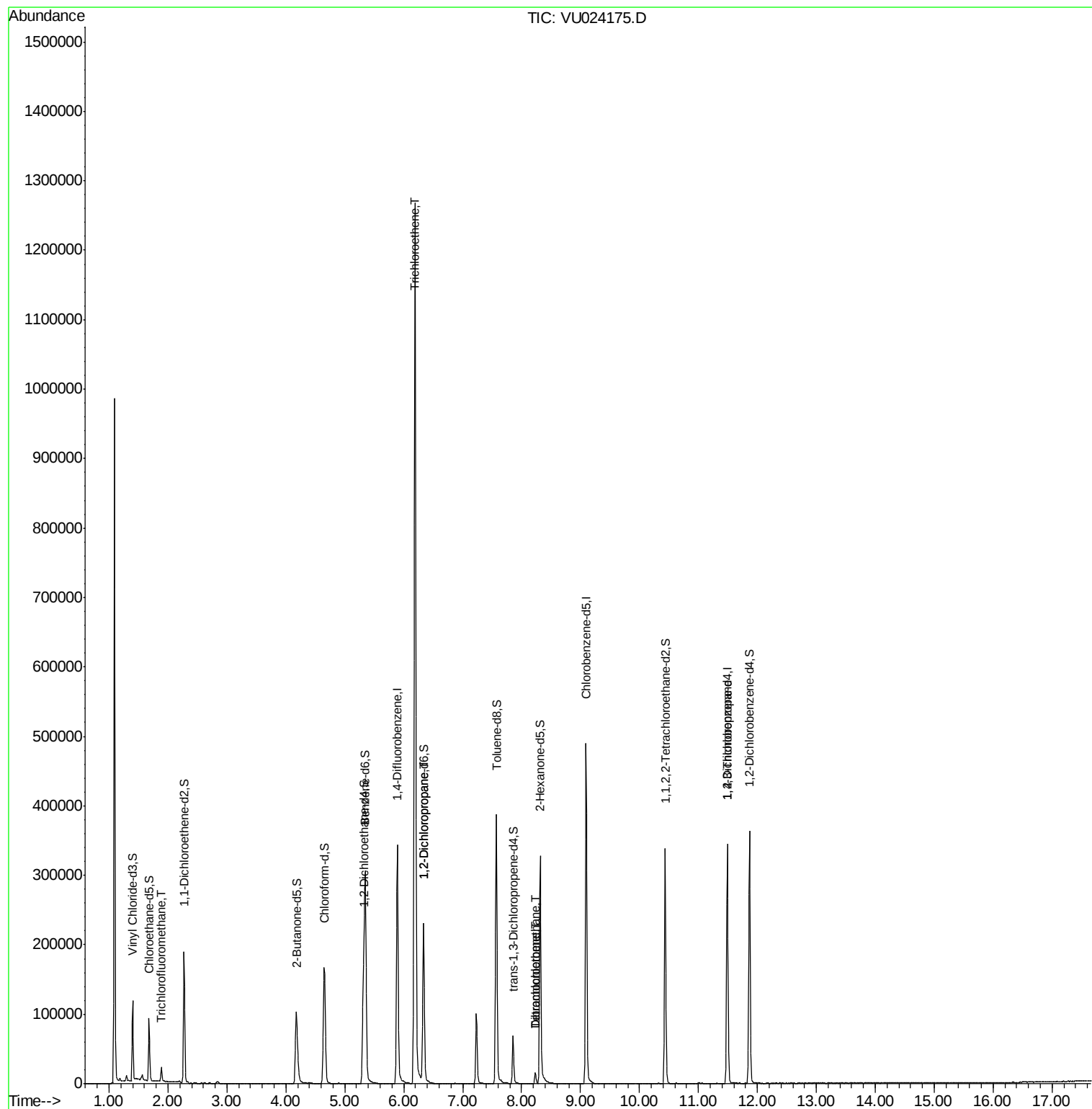
Target Compounds

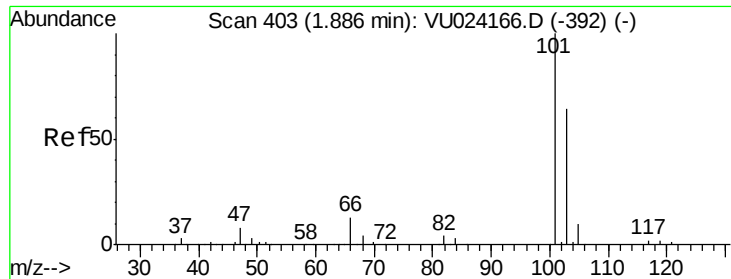
						Qvalue
9) Trichlorofluoromethane	1.89	101	10643	2.90	ug/L	99
34) Trichloroethene	6.19	95	458007	174.73	ug/L	98
37) 1,2-Dichloropropane	6.34	63	11722	4.48	ug/L #	89
46) Tetrachloroethene	8.23	164	3955	2.16	ug/L	94
49) Dibromochloromethane	8.23	129	3539	1.45	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	11098	3.39	ug/L	90

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

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#9

Trichlorofluoromethane

Concen: 2.90 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024175.D

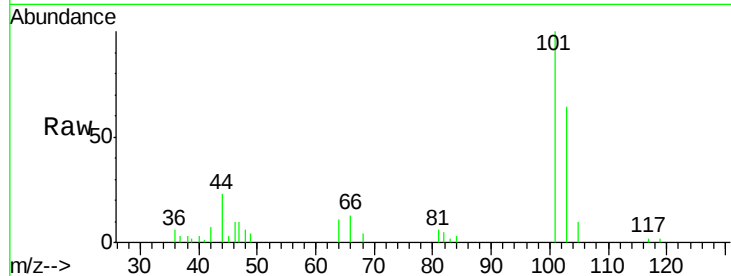
Acq: 27 May 2018 03:41

Tgt Ion: 101 Resp: 10643

Ion Ratio Lower Upper

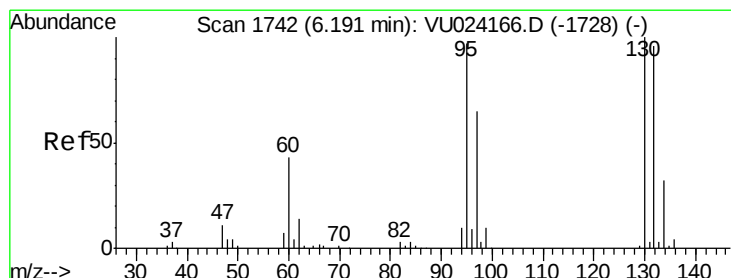
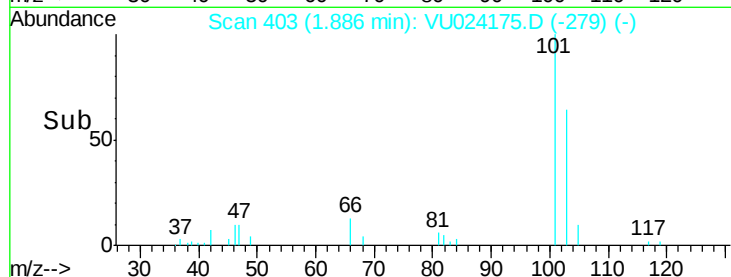
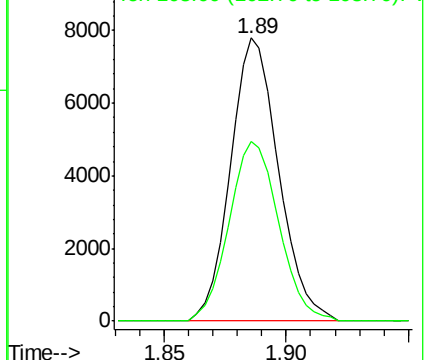
101 100

103 65.8 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: 174.73 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024175.D

Acq: 27 May 2018 03:41

Tgt Ion: 95 Resp: 458007

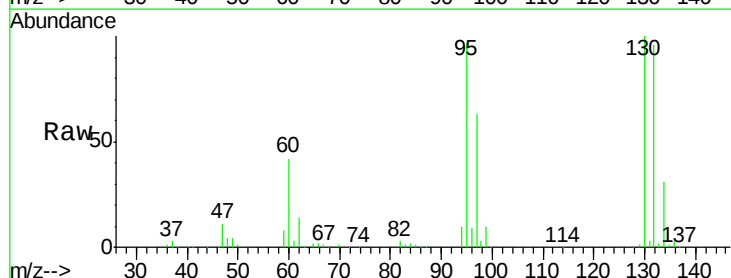
Ion Ratio Lower Upper

95 100

97 65.2 44.5 82.7

132 99.1 69.0 128.2

130 103.5 70.6 131.0

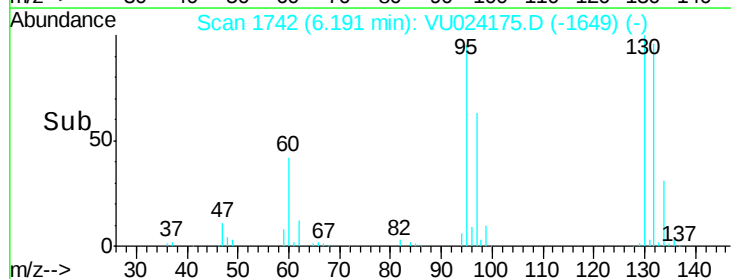
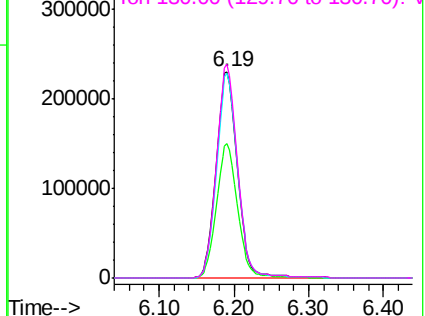


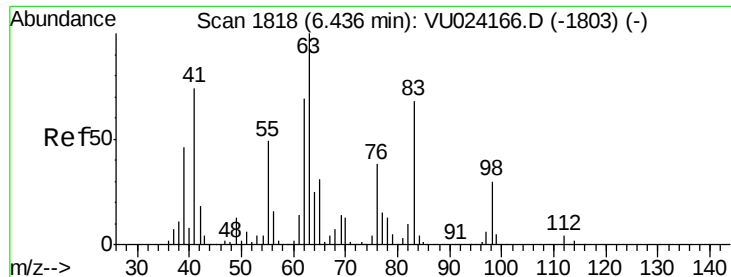
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#37

1,2-Dichloropropane

Concen: 4.48 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU024175.D

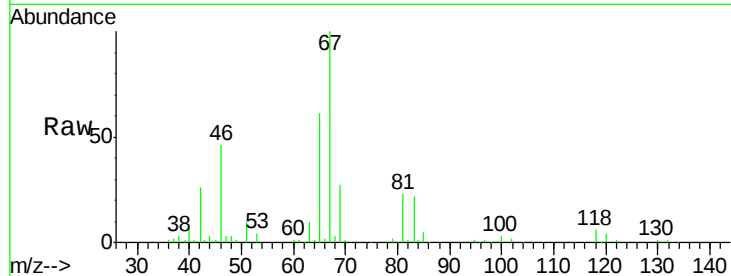
Acq: 27 May 2018 03:41

Tgt Ion: 63 Resp: 11722

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU024166.D (-1803) (-)

Ion 112.00 (111.70 to 112.70): VU024166.D (-1803) (-)

63.00 11722

112.00 11722

6.34

6.34

6.34

6.34

6.34

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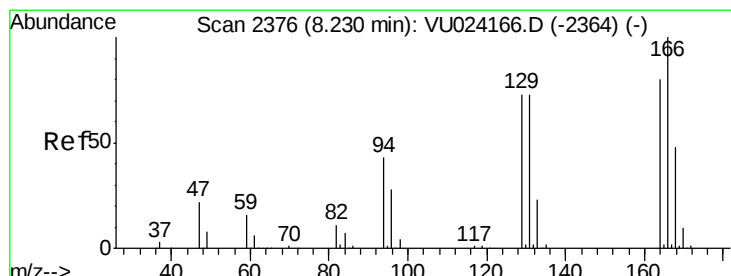
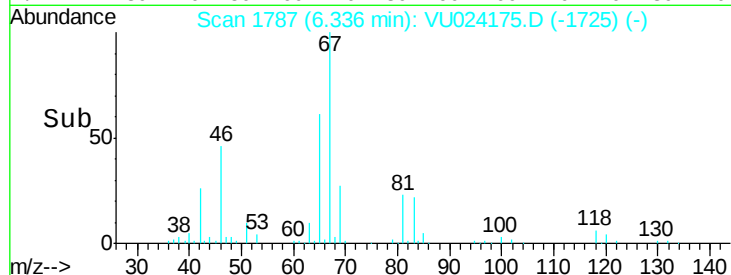
6.34

6.34

6.34

6.34

6.34



#46

Tetrachloroethene

Concen: 2.16 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024175.D

Acq: 27 May 2018 03:41

Tgt Ion: 164 Resp: 3955

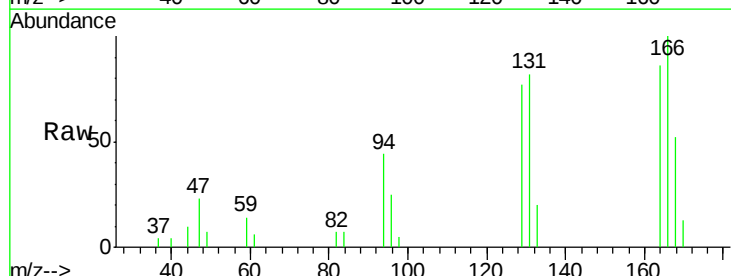
Ion Ratio Lower Upper

164 100

129 89.6 66.6 123.6

131 95.0 64.5 119.9

166 116.6 89.3 165.9



Abundance Ion 164.00 (163.70 to 164.70): VU024166.D (-2364) (-)

Ion 129.00 (128.70 to 129.70): VU024166.D (-2364) (-)

Ion 131.00 (130.70 to 131.70): VU024166.D (-2364) (-)

Ion 166.00 (165.70 to 166.70): VU024166.D (-2364) (-)

164.00 3955

129.00 3955

131.00 3955

166.00 3955

8.23

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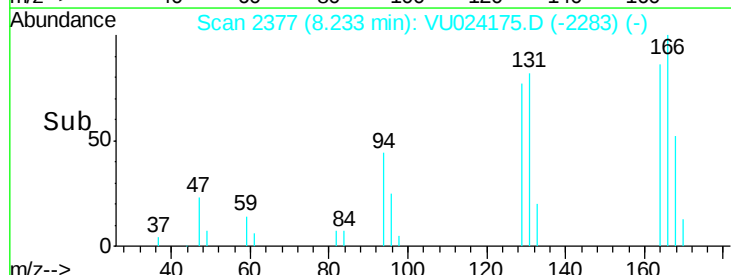
8.23

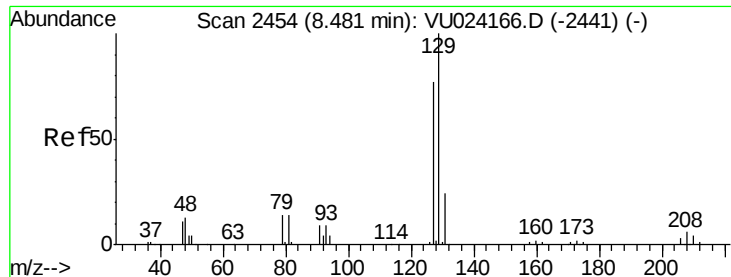
8.23

8.23

8.23

8.23





#49

Dibromochloromethane

Concen: 1.45 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024175.D

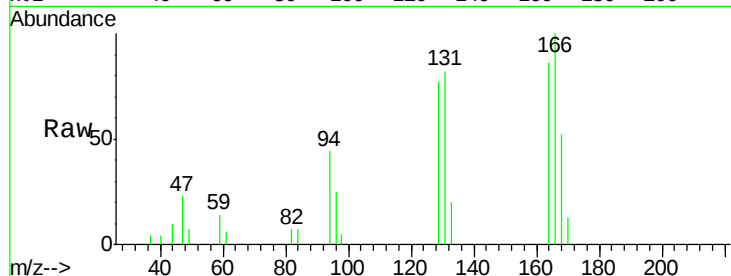
Acq: 27 May 2018 03:41

Tgt Ion: 129 Resp: 3539

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

2000

1500

1000

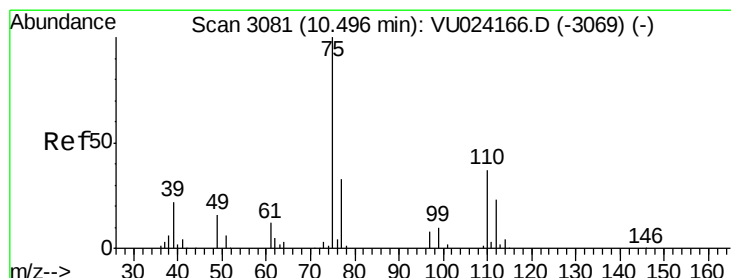
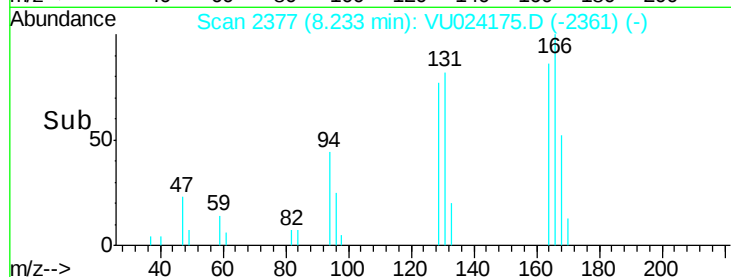
500

0

Time-->

8.20

8.25



#59

1,2,3-Trichloropropane

Concen: 3.39 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024175.D

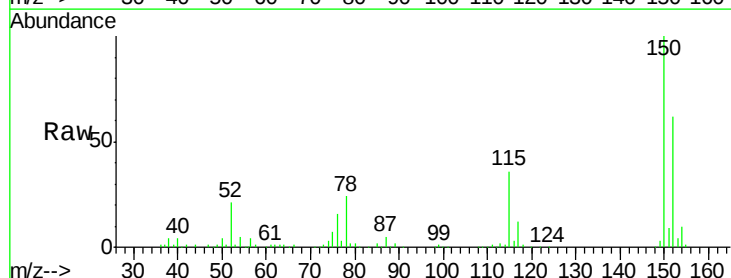
Acq: 27 May 2018 03:41

Tgt Ion: 75 Resp: 11098

Ion Ratio Lower Upper

75 100

77 37.4 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

Time-->

11.45

11.50

11.55

