

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
 Data File : VU024158.D
 Acq On : 26 May 2018 20:30
 Operator : MD/SY
 Sample : J3091-10 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 28 01:00:53 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	284383	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	265640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93309	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84768	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.68	69	73810	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.98%
11) 1,1-Dichloroethene-d2	2.27	63	125495	31.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.42%
21) 2-Butanone-d5	4.18	46	164895	95.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.65	84	176000	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.31	65	113585	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
32) Benzene-d6	5.35	84	343856	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.34	67	120694	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.57	98	295234	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.85	79	42946	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
47) 2-Hexanone-d5	8.31	63	113644	94.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	169053	45.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.98%
64) 1,2-Dichlorobenzene-d4	11.87	152	106836	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

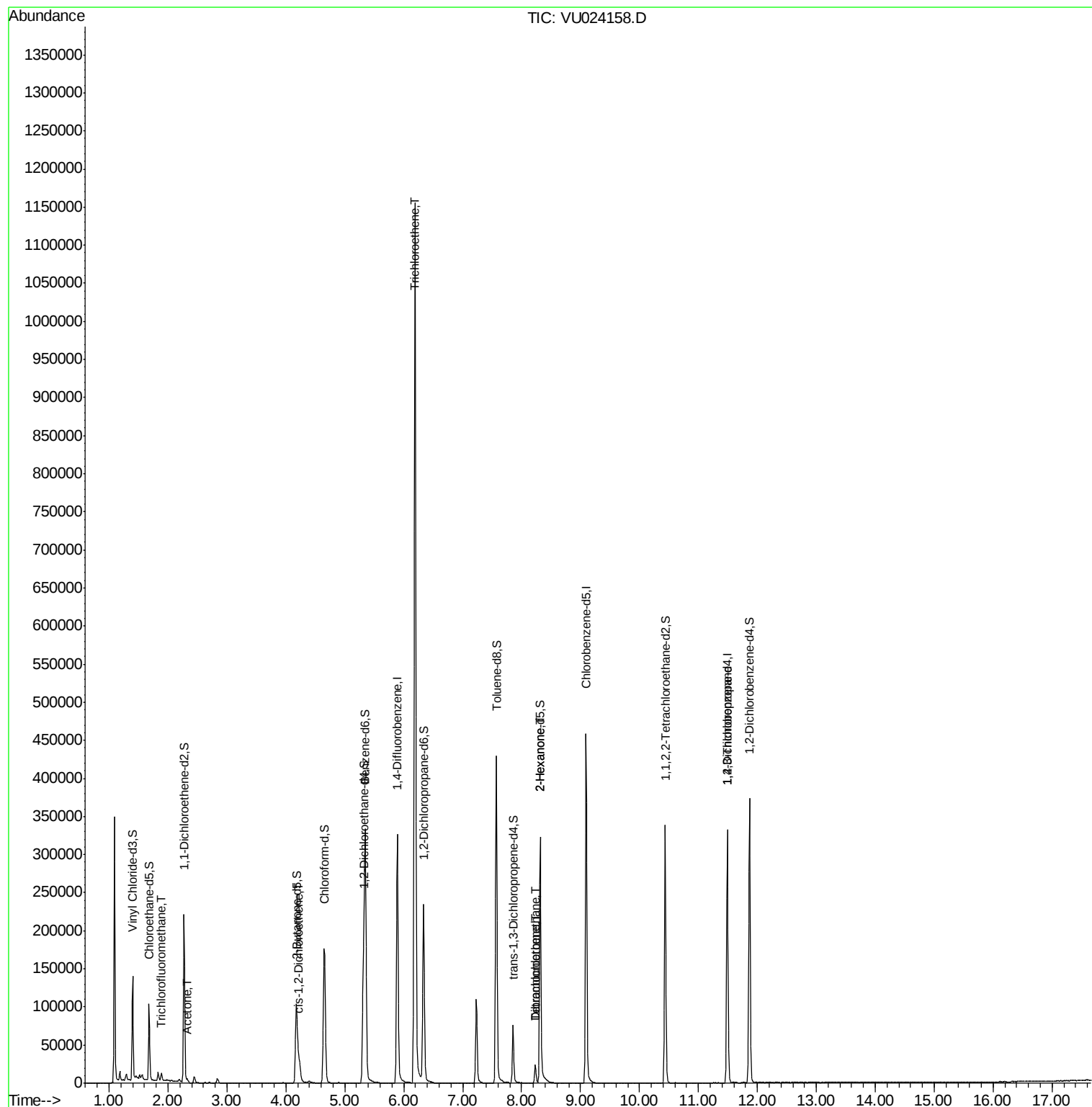
Target Compounds

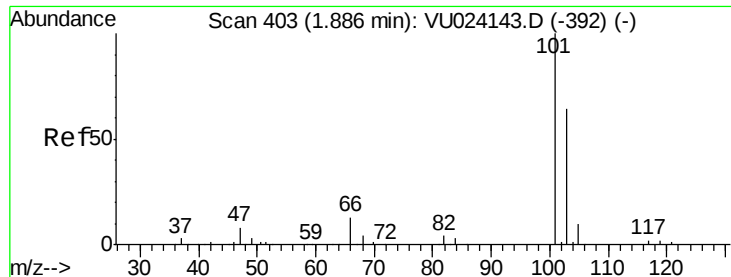
						Qvalue
9) Trichlorofluoromethane	1.89	101	4981	1.44	ug/L	93
13) Acetone	2.33	43	3732	2.49	ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	13165	5.75	ug/L	89
34) Trichloroethene	6.19	95	414008	166.67	ug/L	98
46) Tetrachloroethene	8.23	164	6142	3.53	ug/L	98
48) 2-Hexanone	8.31	43	13331	5.03	ug/L #	65
49) Dibromochloromethane	8.23	129	5633	2.43	ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	10782	3.47	ug/L	92

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

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Quant Title : VOC Analysis
QLast Update : Mon May 28 00:49:31 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.44 ug/L

RT: 1.89 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU024158.D

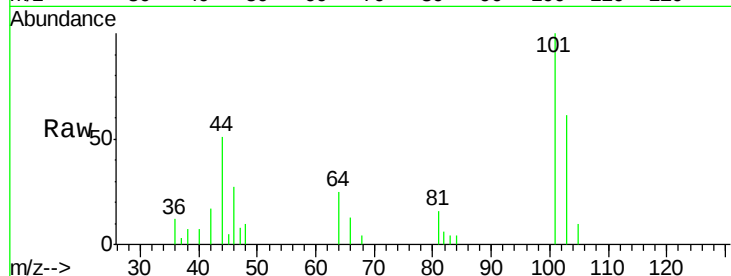
Acq: 26 May 2018 20:30

Tgt Ion: 101 Resp: 4981

Ion Ratio Lower Upper

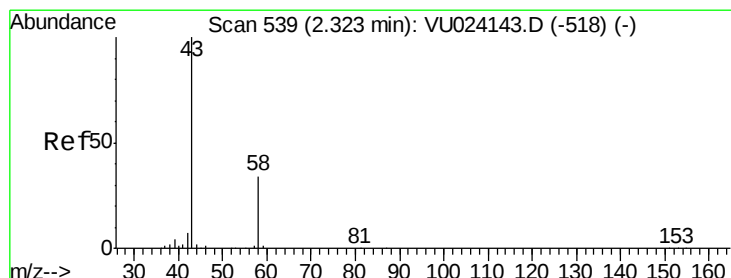
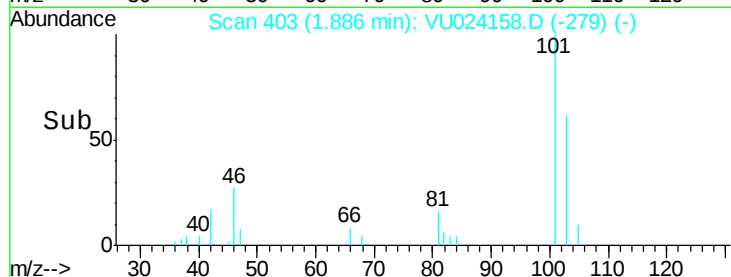
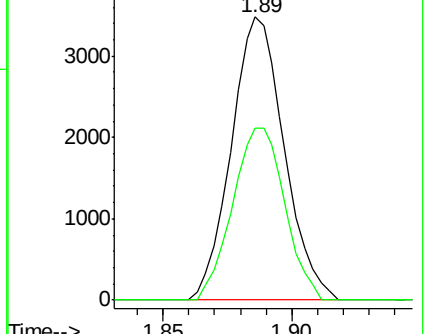
101 100

103 59.7 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: 2.49 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024158.D

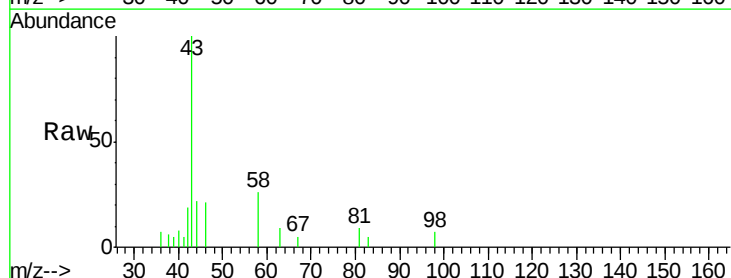
Acq: 26 May 2018 20:30

Tgt Ion: 43 Resp: 3732

Ion Ratio Lower Upper

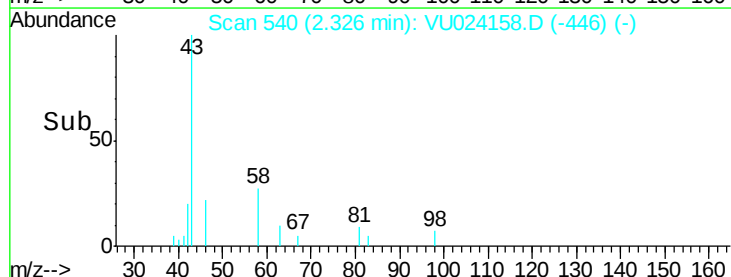
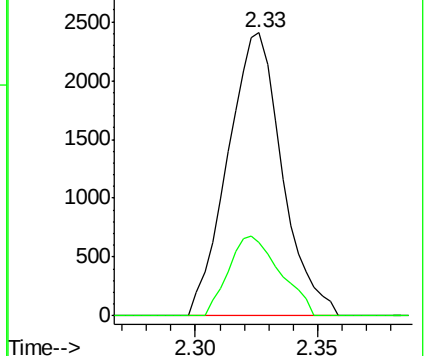
43 100

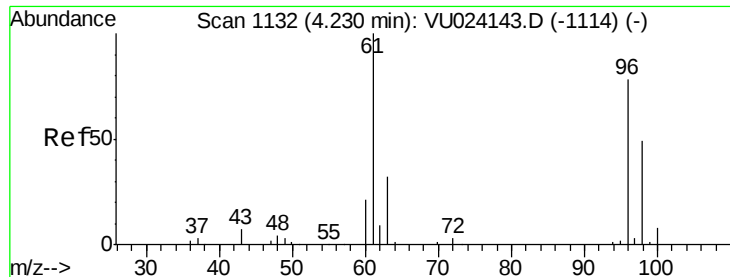
58 26.7 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

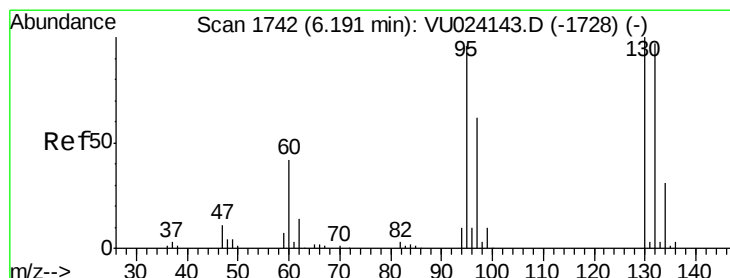
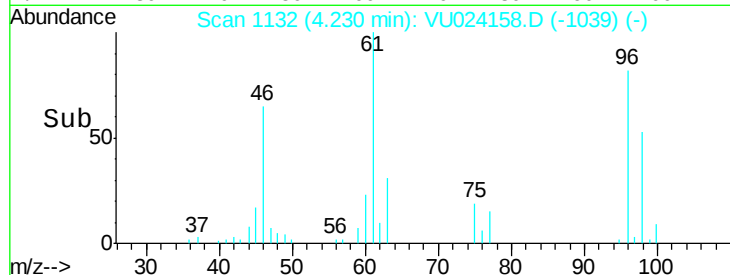
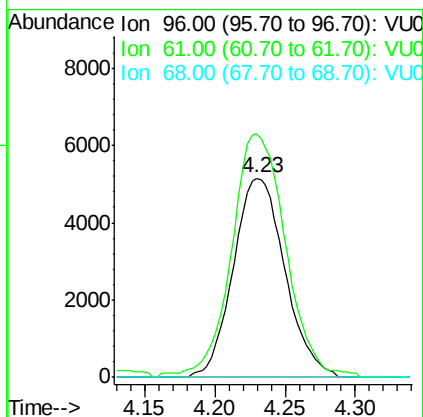
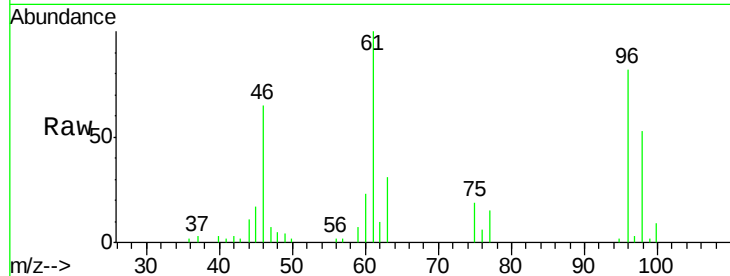
Ion 58.00 (57.70 to 58.70): VU0





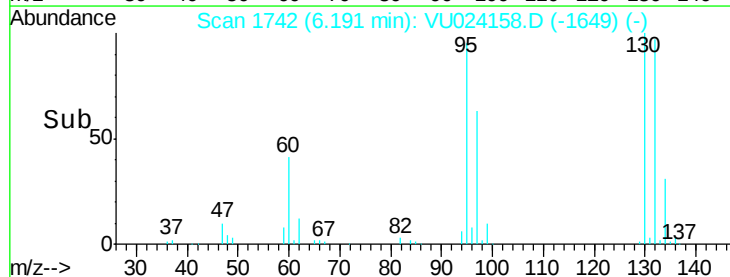
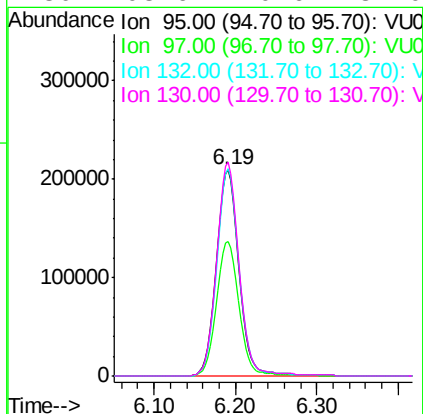
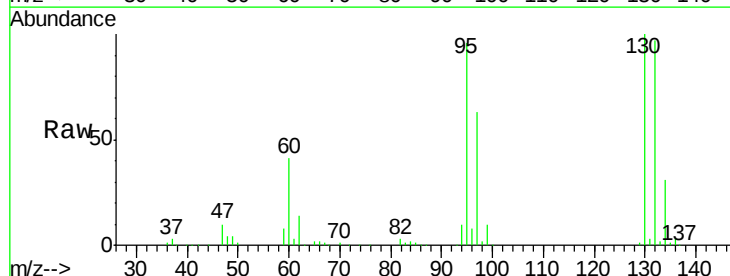
#20
 cis-1,2-Dichloroethene
 Concen: 5.75 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024158.D
 Acq: 26 May 2018 20:30

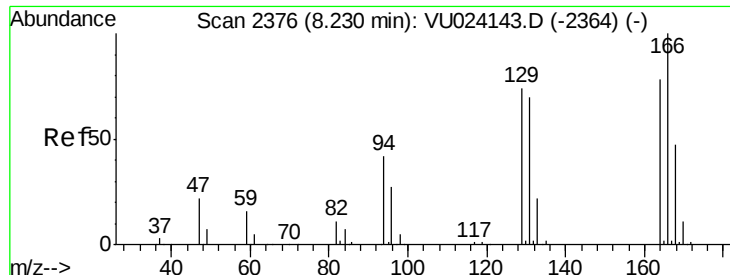
Tgt Ion: 96 Resp: 13165
 Ion Ratio Lower Upper
 96 100
 61 122.4 94.8 176.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 166.67 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU024158.D
 Acq: 26 May 2018 20:30

Tgt Ion: 95 Resp: 414008
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.5 82.7
 132 100.5 69.0 128.2
 130 103.6 70.6 131.0





#46

Tetrachloroethene

Concen: 3.53 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024158.D

Acq: 26 May 2018 20:30

Tgt Ion: 164 Resp: 6142

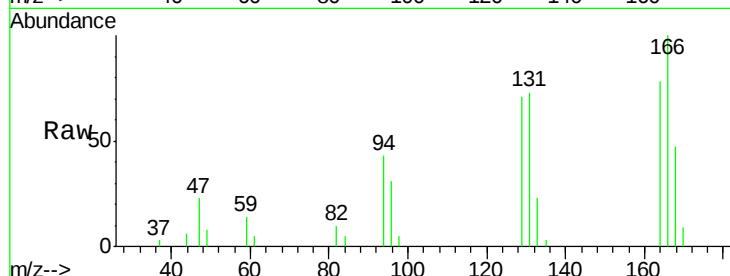
Ion Ratio Lower Upper

164 100

129 91.0 66.6 123.6

131 93.6 64.5 119.9

166 128.0 89.3 165.9

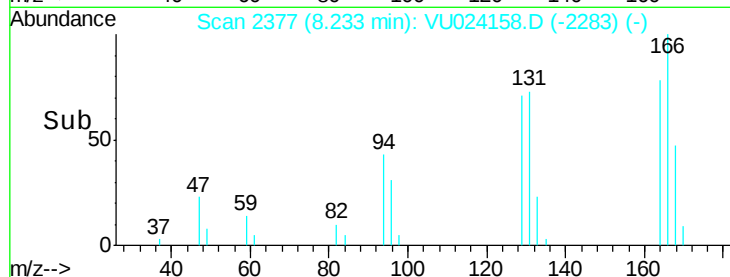


Abundance Ion 164.00 (163.70 to 164.70): V

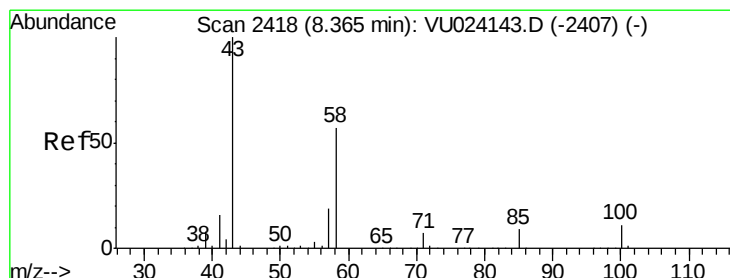
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#48

2-Hexanone

Concen: 5.03 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU024158.D

Acq: 26 May 2018 20:30

Tgt Ion: 43 Resp: 13331

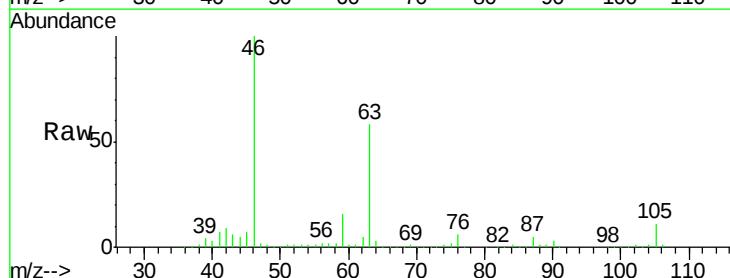
Ion Ratio Lower Upper

43 100

58 28.1 44.6 67.0#

57 33.7 15.3 22.9#

100 1.8 8.9 13.3#

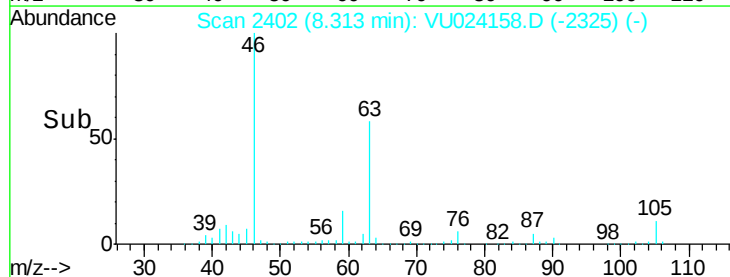


Abundance Ion 43.00 (42.70 to 43.70): VU0

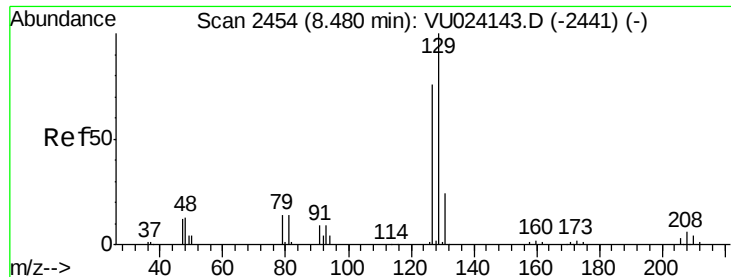
Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



Time-->



#49

Dibromochloromethane

Concen: 2.43 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU024158.D

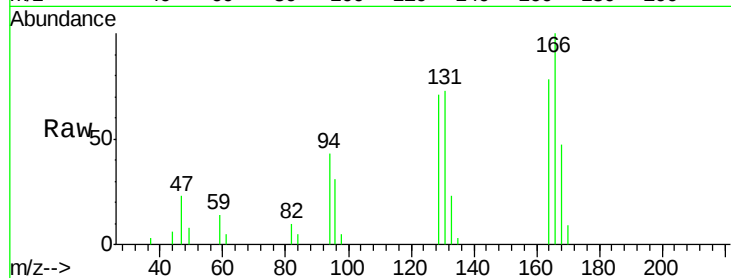
Acq: 26 May 2018 20:30

Tgt Ion: 129 Resp: 5633

Ion Ratio Lower Upper

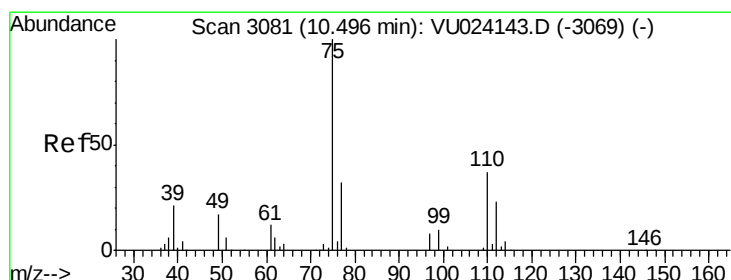
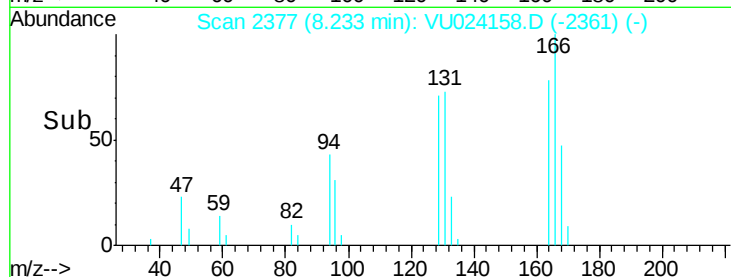
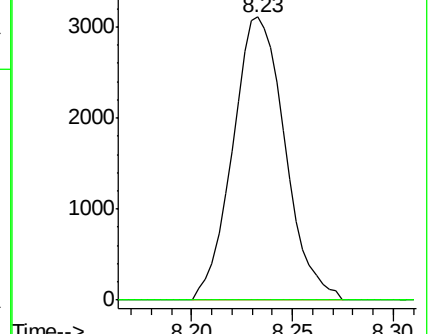
129 100

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: 3.47 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU024158.D

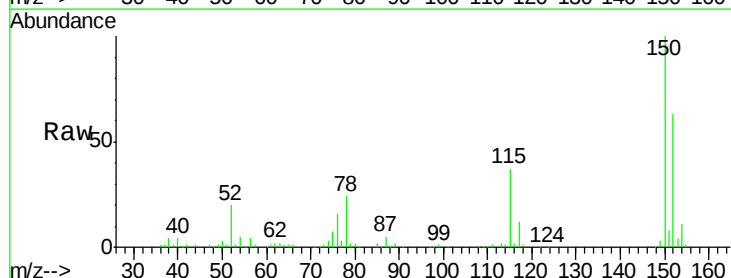
Acq: 26 May 2018 20:30

Tgt Ion: 75 Resp: 10782

Ion Ratio Lower Upper

75 100

77 36.6 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

