

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023626.D
 Acq On : 04 May 2018 02:42
 Operator : MD/SY
 Sample : J2630-19
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 04 05:29:28 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 04:44:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	144969	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62530	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53081	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.68	69	37784	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.27	63	65936	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.21	46	152294	50.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.65	84	87283	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.32	65	48301	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.34	84	169995	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.34	67	59429	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.57	98	141093	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.85	79	12271	2.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.00%#
46) 2-Hexanone-d5	8.32	63	99427	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46755	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	57189	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

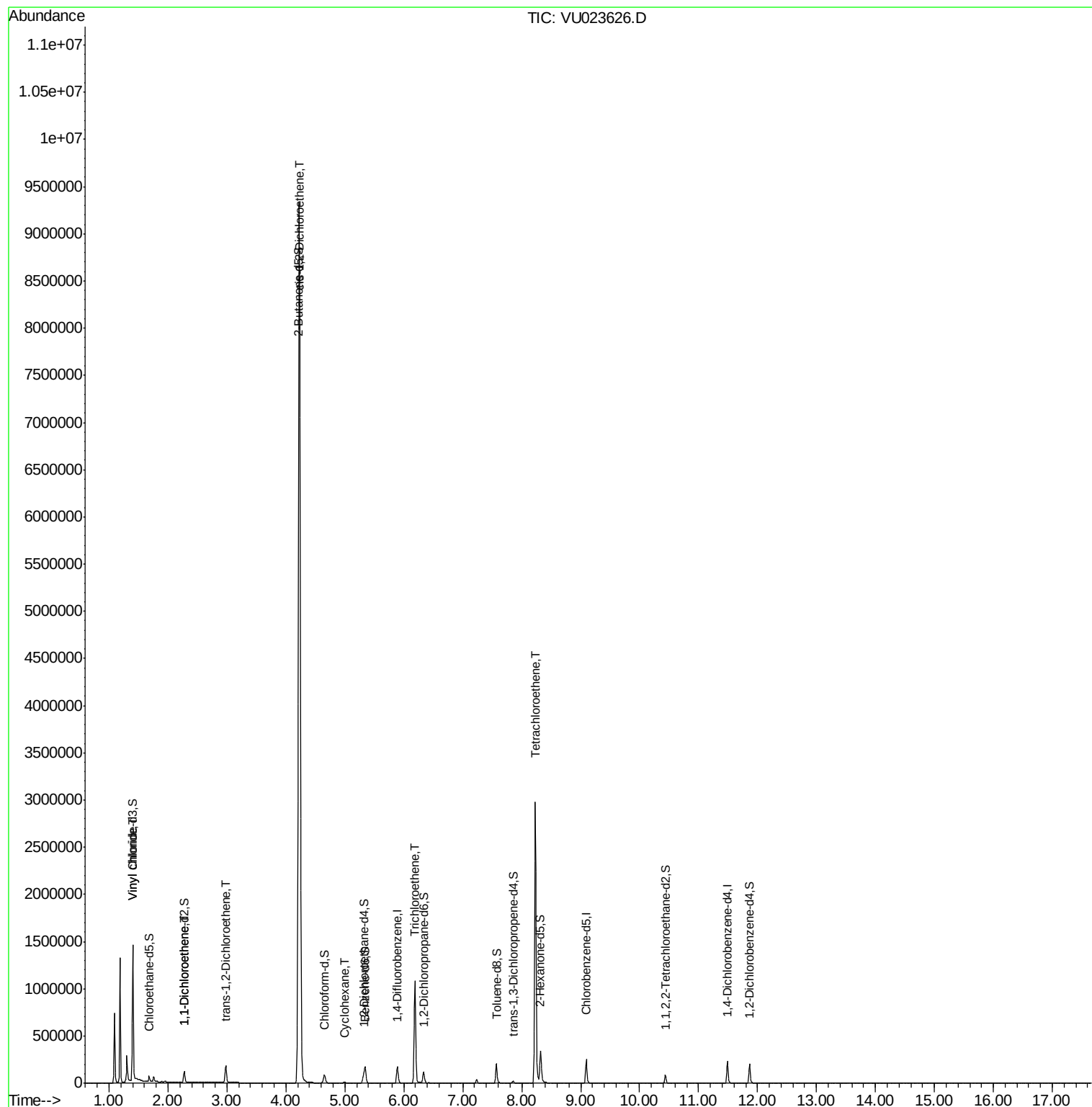
Target Compounds

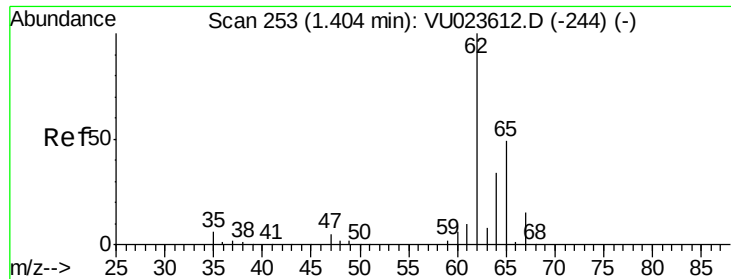
						Ovalue
5) Vinyl chloride	1.40	62	778456	57.44	ug/L	93
12) 1,1-Dichloroethene	2.28	96	8825	1.03	ug/L	# 1
18) trans-1,2-Dichloroethene	2.98	96	66090	7.00	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	5049695	450.46	ug/L	97
30) Cyclohexane	4.99	56	4514	0.25	ug/L	99
34) Trichloroethene	6.19	95	383348	33.33	ug/L	99
47) Tetrachloroethene	8.23	164	707699	77.69	ug/L	98

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

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#5

Vinyl chloride

Concen: 57.44 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023626.D

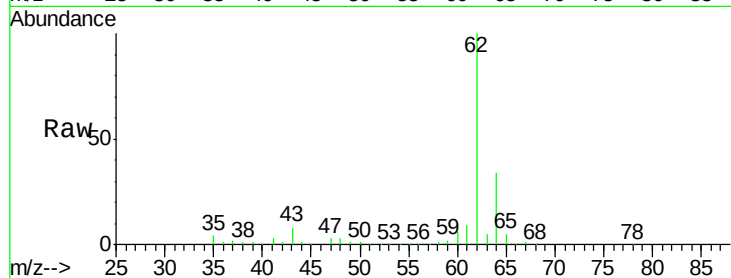
Acq: 04 May 2018 02:42

Tot Ion: 62 Resp: 778456

Ion Ratio Lower Upper

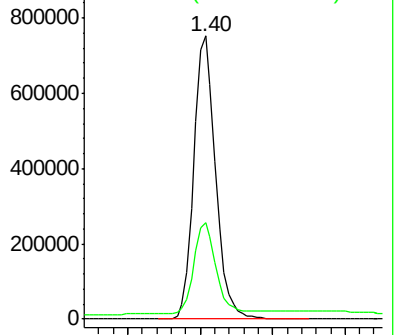
62 100

64 34.2 26.9 49.9

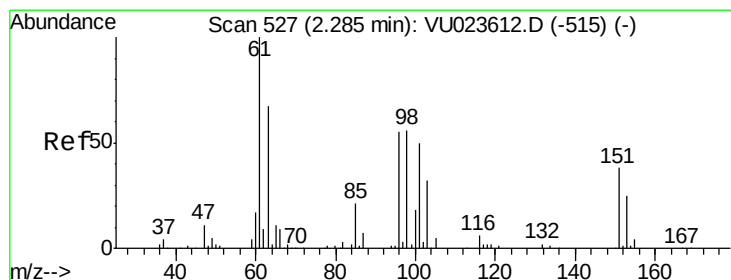
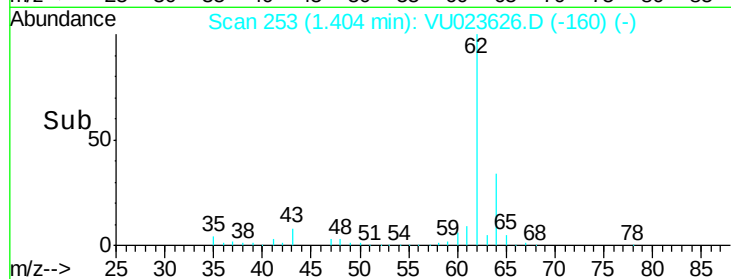


Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



Time-->



#12

1,1-Dichloroethene

Concen: 1.03 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023626.D

Acq: 04 May 2018 02:42

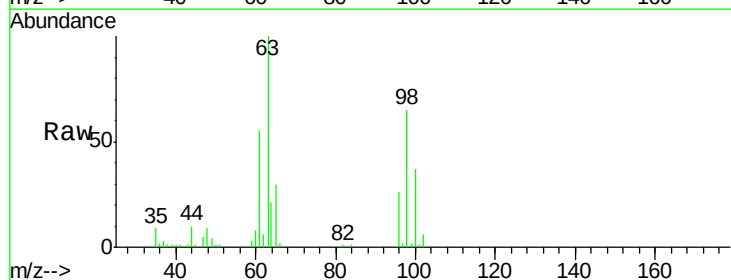
Tgt Ion: 96 Resp: 8825

Ion Ratio Lower Upper

96 100

61 213.8 127.4 236.6

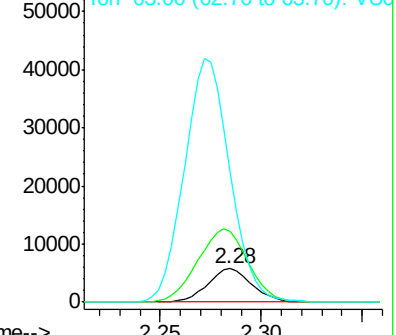
63 391.6 84.8 157.4#



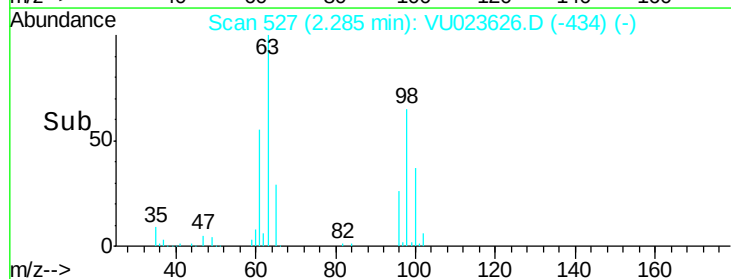
Abundance Ion 96.00 (95.70 to 96.70): VU0

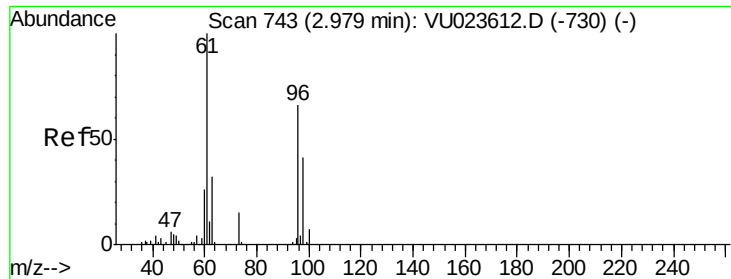
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#18

trans-1,2-Dichloroethene

Concen: 7.00 ug/L

RT: 2.98 min Scan# 743

Delta R.T. -0.00 min

Lab File: VU023626.D

Acq: 04 May 2018 02:42

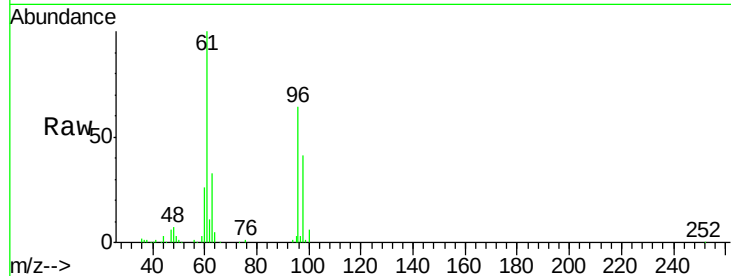
Tot Ion: 96 Resp: 66090

Ion Ratio Lower Upper

96 100

61 156.5 109.0 202.4

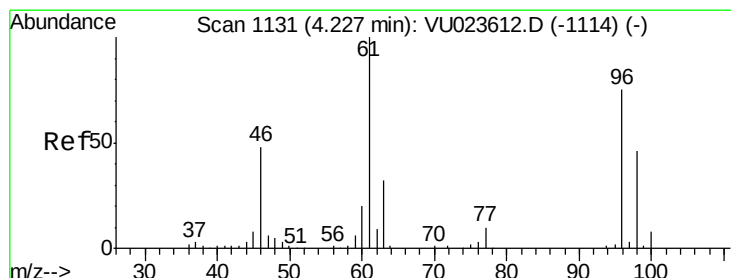
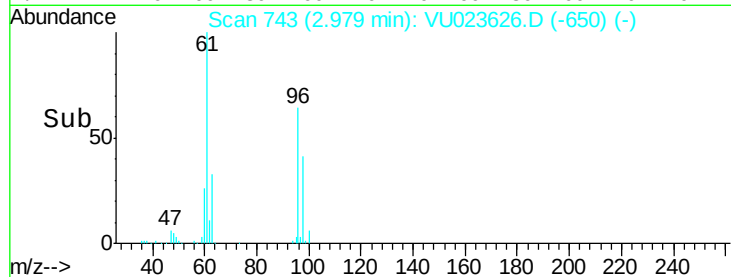
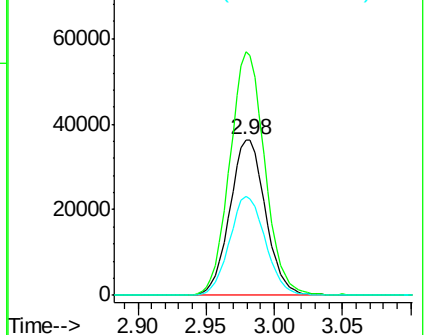
98 63.5 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#22

cis-1,2-Dichloroethene

Concen: 450.46 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023626.D

Acq: 04 May 2018 02:42

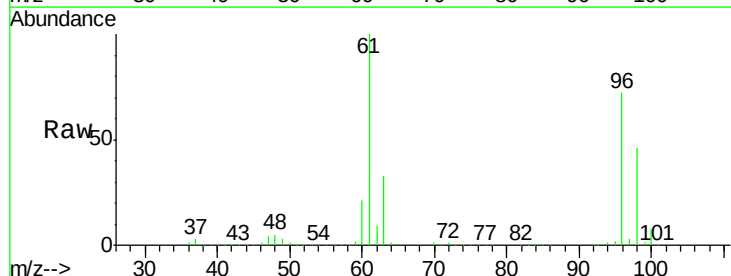
Tgt Ion: 96 Resp: 5049695

Ion Ratio Lower Upper

96 100

61 139.1 94.6 175.6

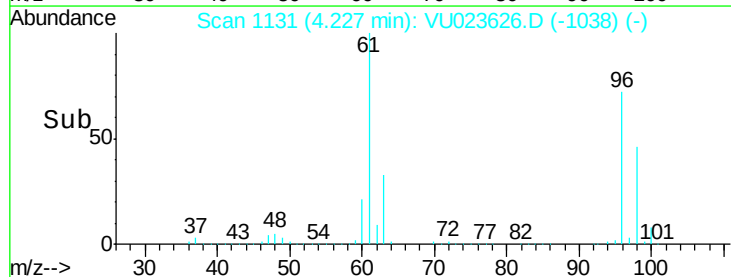
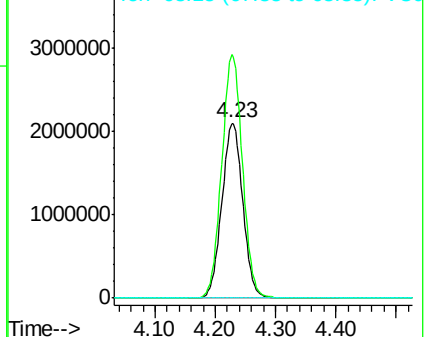
68 0.0 0.0 0.0

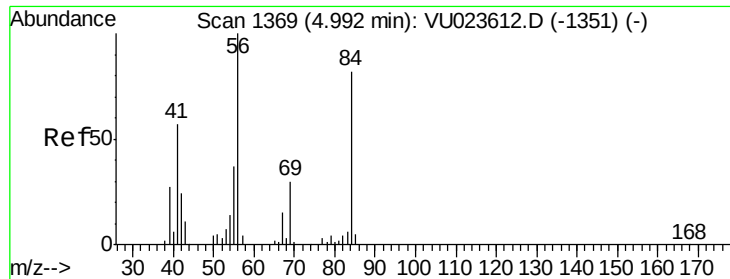


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#30

Cyclohexane

Concen: 0.25 ug/L

RT: 4.99 min Scan# 1369

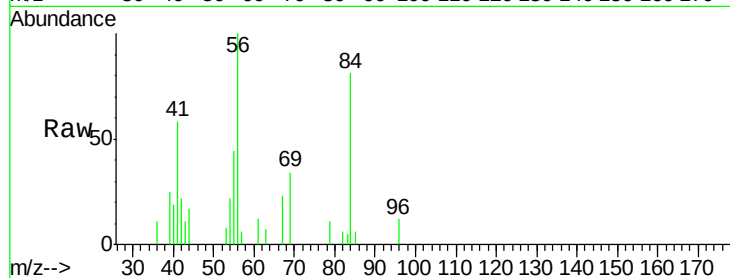
Delta R.T. -0.00 min

Lab File: VU023626.D

Acq: 04 May 2018 02:42

Tot Ion: 56 Resp: 4514

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.6	35.4
84	81.1	64.4	96.6

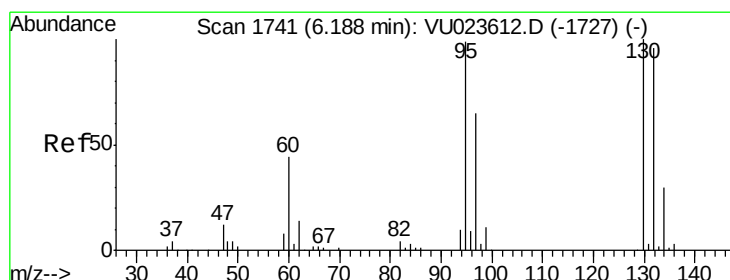
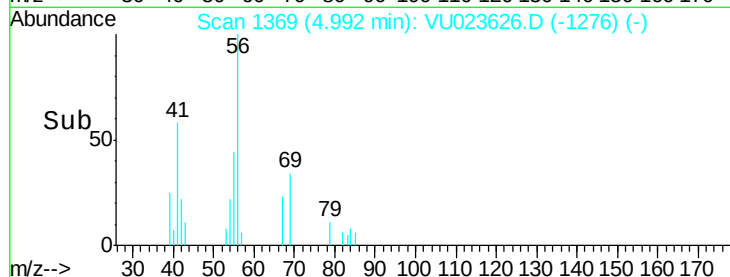
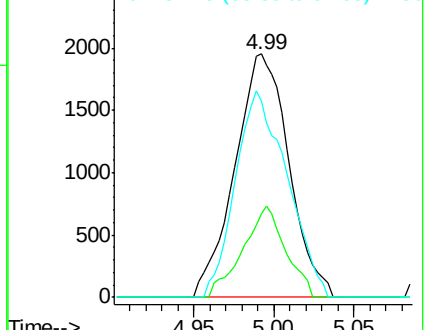


Abundance

Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0



#34

Trichloroethene

Concen: 33.33 ug/L

RT: 6.19 min Scan# 1741

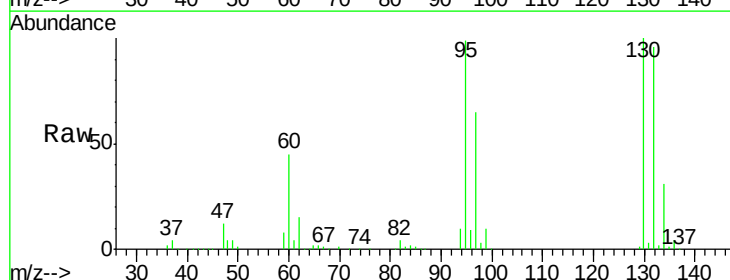
Delta R.T. -0.00 min

Lab File: VU023626.D

Acq: 04 May 2018 02:42

Tgt Ion: 95 Resp: 383348

Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.0	85.4
132	96.4	68.1	126.5
130	100.6	70.1	130.1



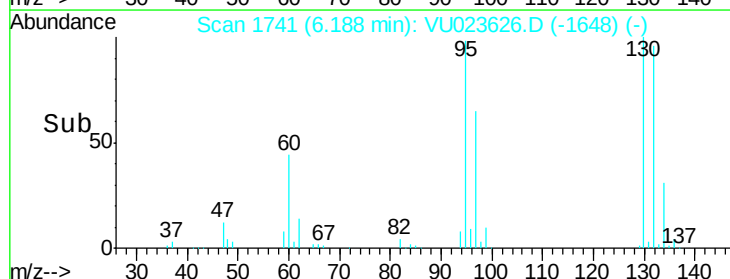
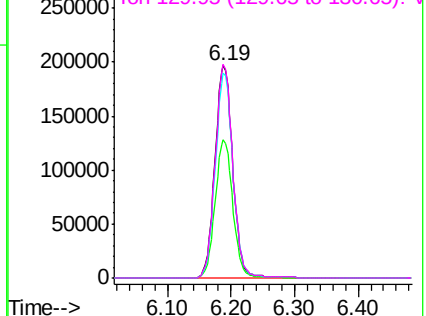
Abundance

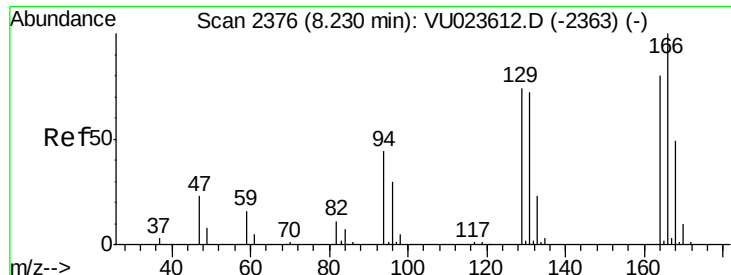
Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 77.69 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023626.D

Acq: 04 May 2018 02:42

Tot Ion:164 Resp: 707699

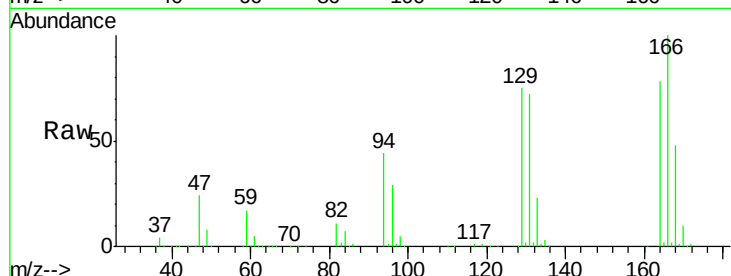
Ion Ratio Lower Upper

164 100

129 95.7 64.4 119.6

131 91.7 63.9 118.7

166 127.8 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

