

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023645.D
 Acq On : 04 May 2018 21:53
 Operator : MD/SY
 Sample : J2630-05
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Quant Time: May 05 01:40:20 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	147161	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148240	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66278	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49600	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.68	69	40144	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	66785	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.20	46	163039	52.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.60%
24) Chloroform-d	4.65	84	95863	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.32	65	53433	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	189827	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.34	67	65179	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.57	98	155042	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	7.86	79	20107	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.32	63	127568	52.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.34%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	51639	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.87	152	64328	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

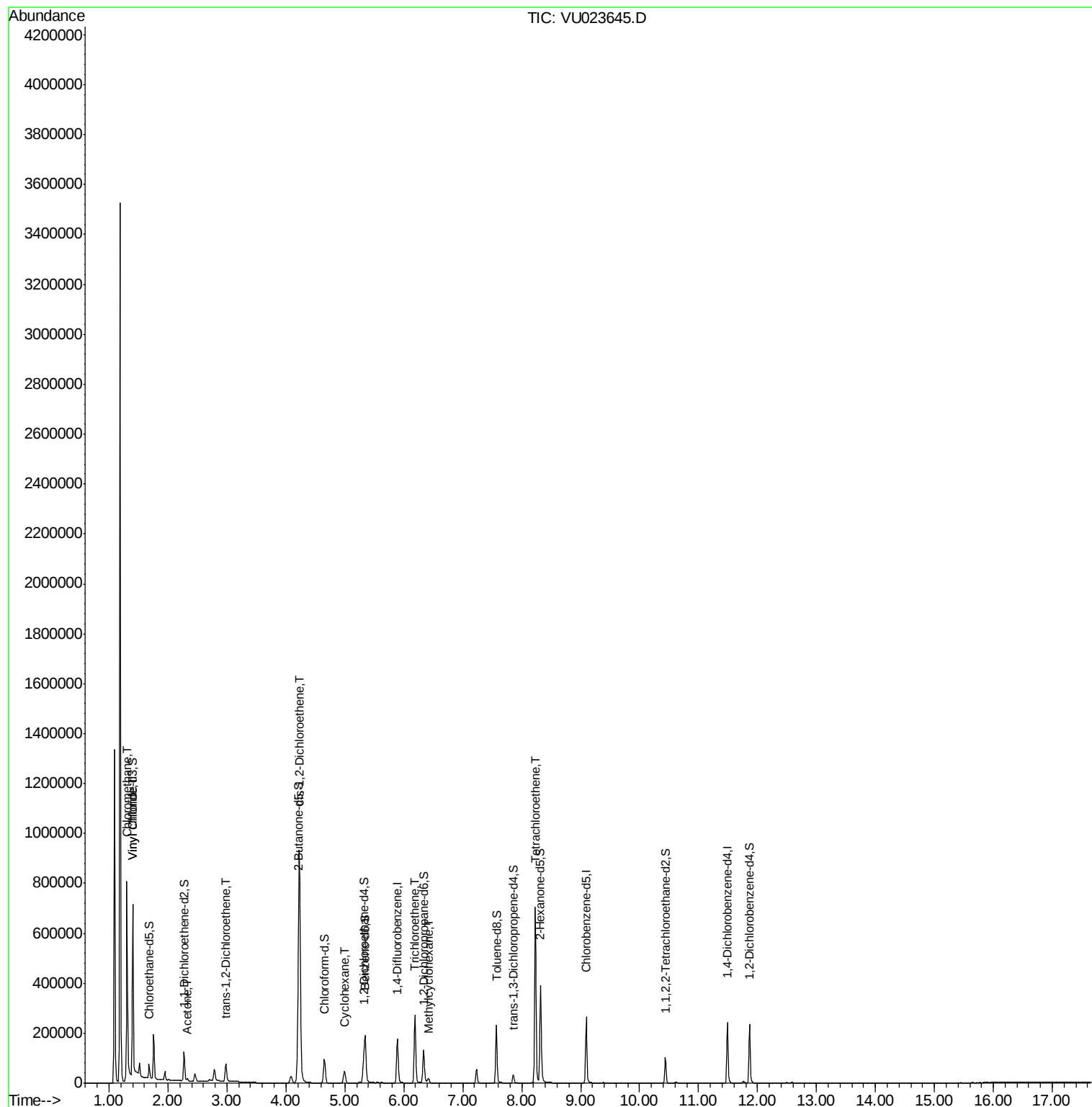
Target Compounds

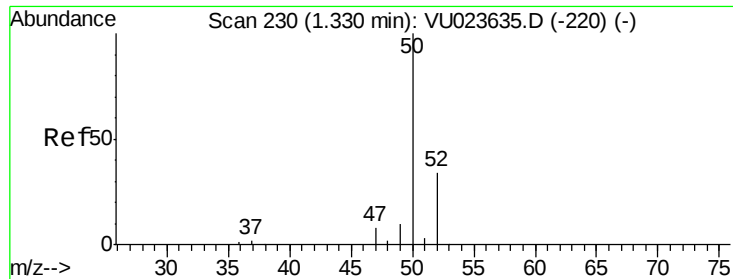
					Ovalue
3) Chloromethane	1.30	50	7287	0.48 ug/L	# 69
5) Vinyl chloride	1.40	62	48738	3.54 ug/L	# 57
13) Acetone	2.33	43	10897	6.18 ug/L	92
18) trans-1,2-Dichloroethene	2.98	96	24364	2.54 ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	492986	43.32 ug/L	98
30) Cyclohexane	4.99	56	22262	1.22 ug/L	100
34) Trichloroethene	6.19	95	97971	8.42 ug/L	98
35) Methylcyclohexane	6.42	83	6900	0.39 ug/L	93
47) Tetrachloroethene	8.23	164	166701	18.09 ug/L	98

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

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#3

Chloromethane

Concen: 0.48 ug/L

RT: 1.30 min Scan# 222

Delta R.T. -0.03 min

Lab File: VU023645.D

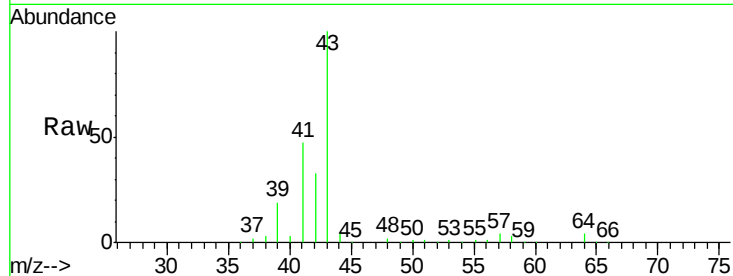
Acq: 04 May 2018 21:53

Tot Ion: 50 Resp: 7287

Ion Ratio Lower Upper

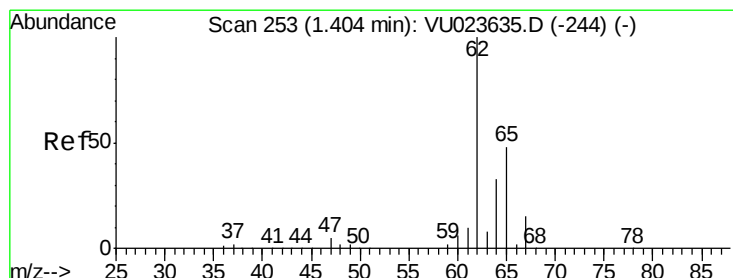
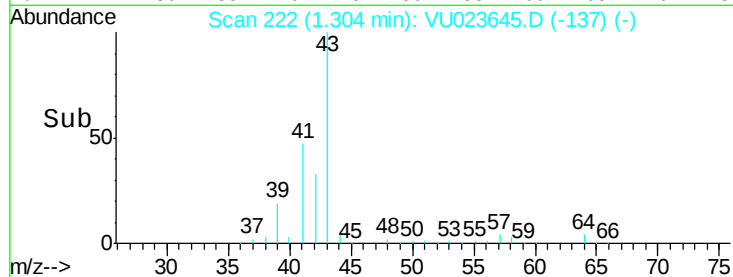
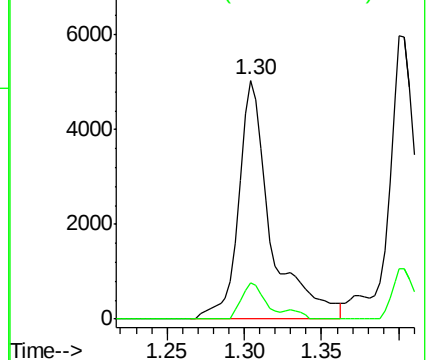
50 100

52 15.1 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 3.54 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU023645.D

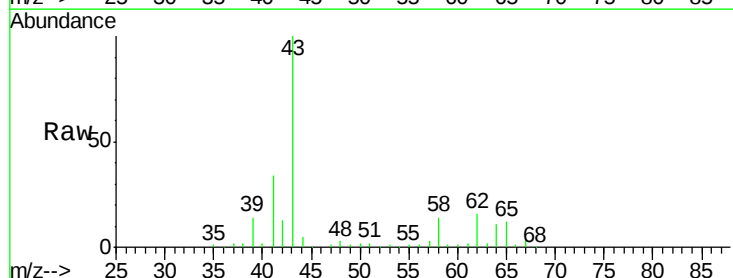
Acq: 04 May 2018 21:53

Tgt Ion: 62 Resp: 48738

Ion Ratio Lower Upper

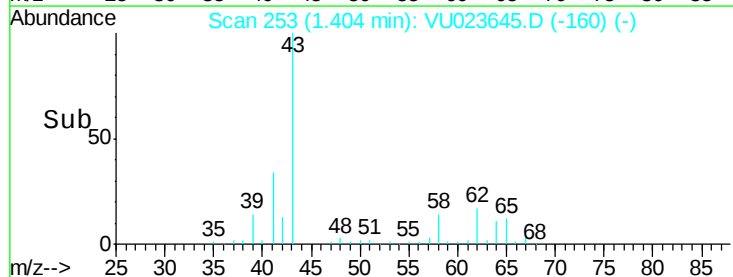
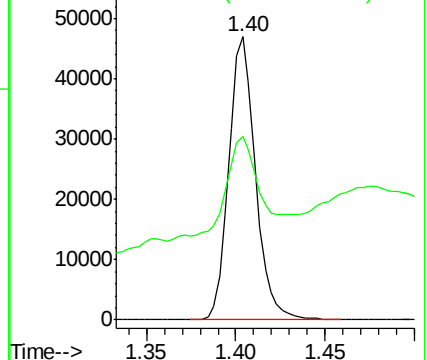
62 100

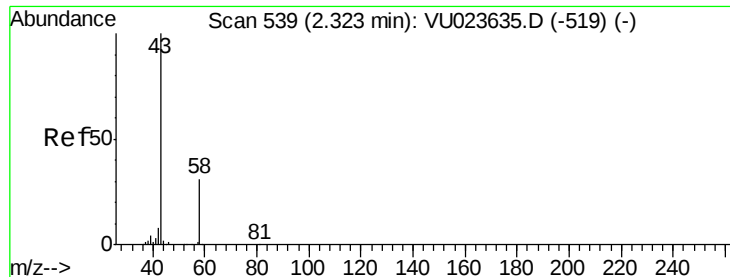
64 64.6 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#13

Acetone

Concen: 6.18 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU023645.D

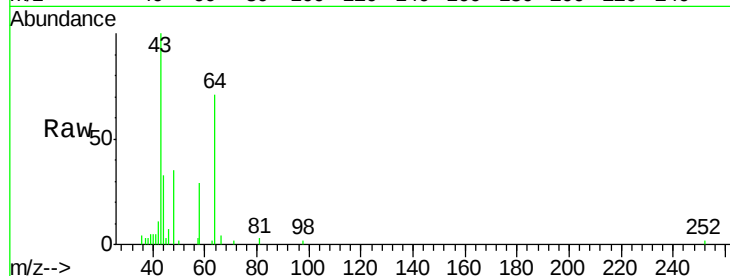
Acq: 04 May 2018 21:53

Tot Ion: 43 Resp: 10897

Ion Ratio Lower Upper

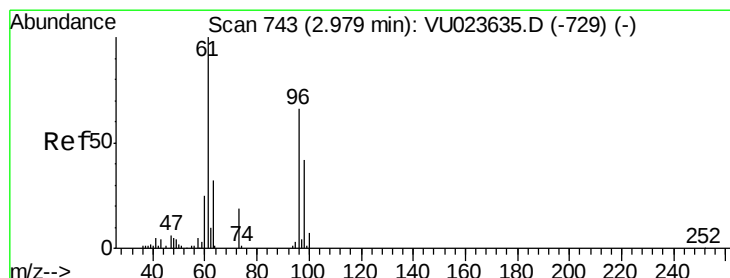
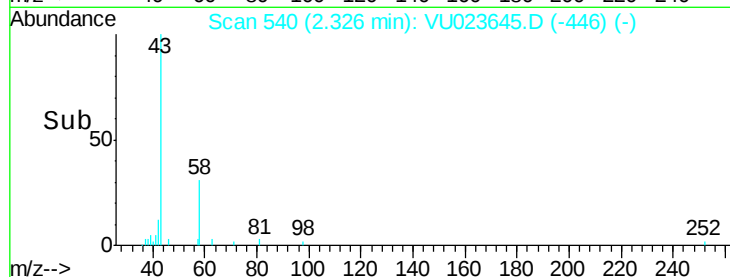
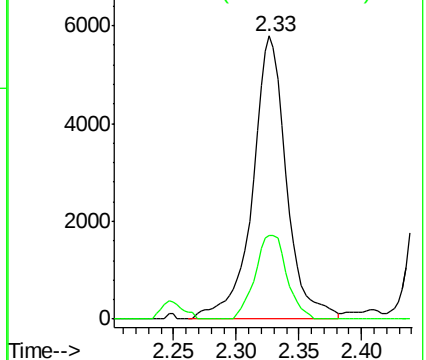
43 100

58 27.7 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#18

trans-1,2-Dichloroethene

Concen: 2.54 ug/L

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU023645.D

Acq: 04 May 2018 21:53

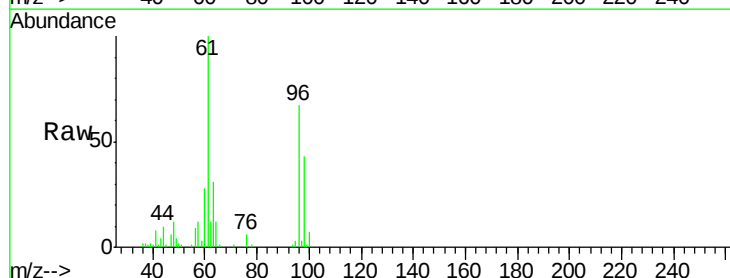
Tgt Ion: 96 Resp: 24364

Ion Ratio Lower Upper

96 100

61 149.4 109.0 202.4

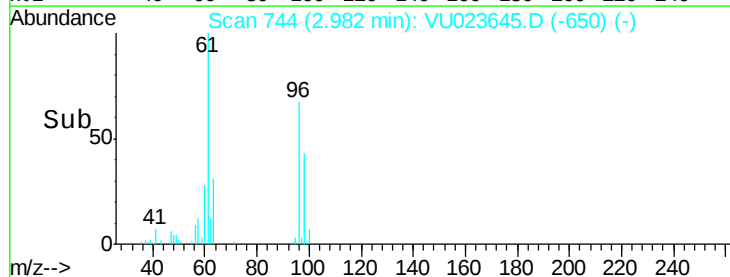
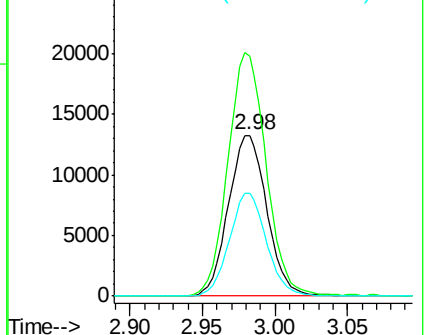
98 64.3 44.7 83.1

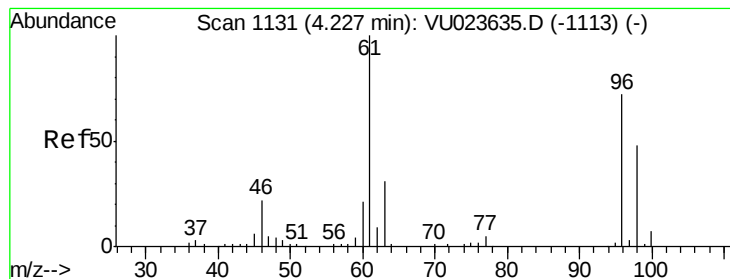


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 43.32 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023645.D

Acq: 04 May 2018 21:53

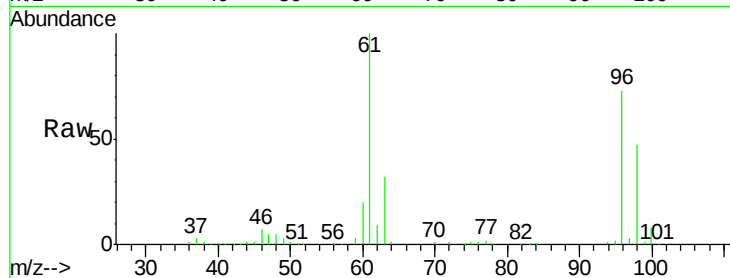
Tot Ion: 96 Resp: 492986

Ion Ratio Lower Upper

96 100

61 137.2 94.6 175.6

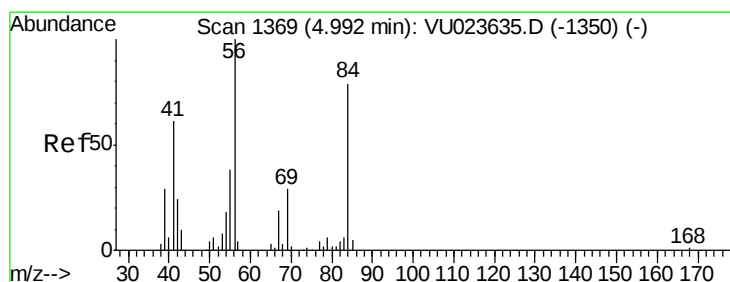
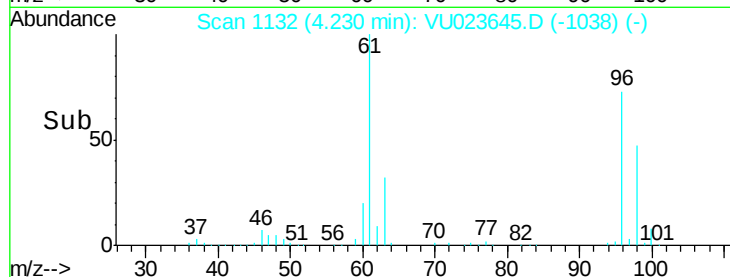
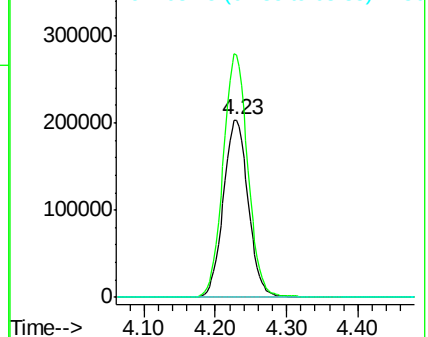
68 0.0 0.0 0.0



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: 1.22 ug/L

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU023645.D

Acq: 04 May 2018 21:53

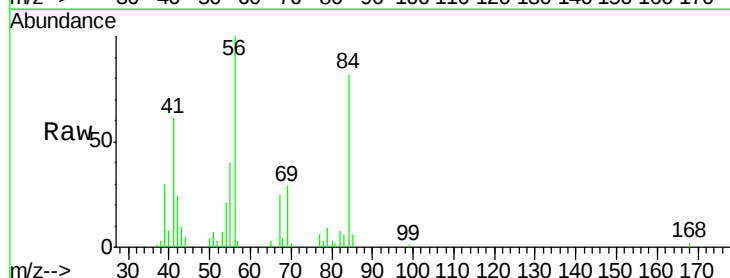
Tgt Ion: 56 Resp: 22262

Ion Ratio Lower Upper

56 100

69 29.3 23.6 35.4

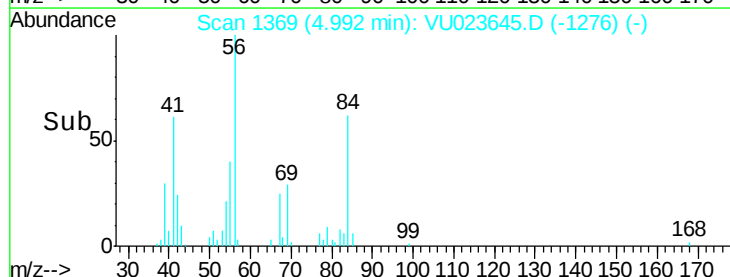
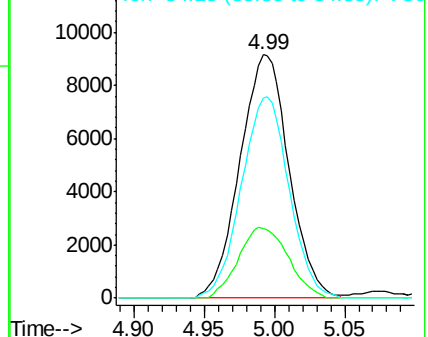
84 80.1 64.4 96.6

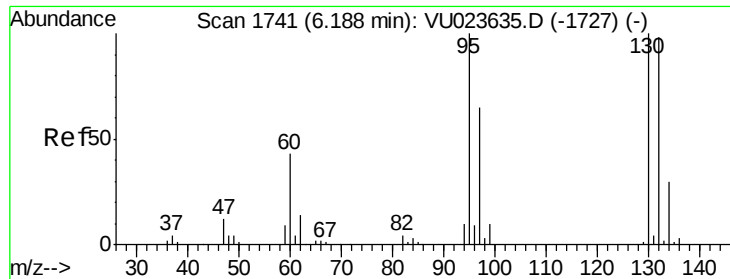


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#34

Trichloroethene

Concen: 8.42 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU023645.D

Acq: 04 May 2018 21:53

Tot Ion: 95 Resp: 97971

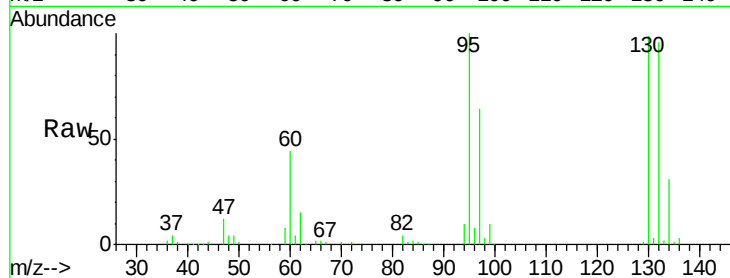
Ion Ratio Lower Upper

95 100

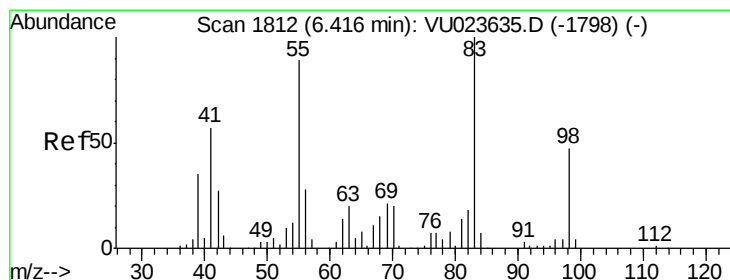
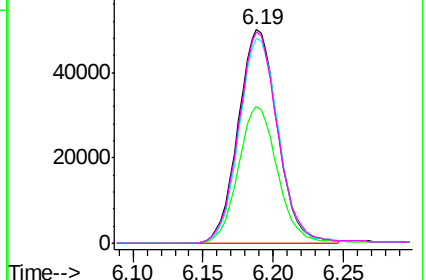
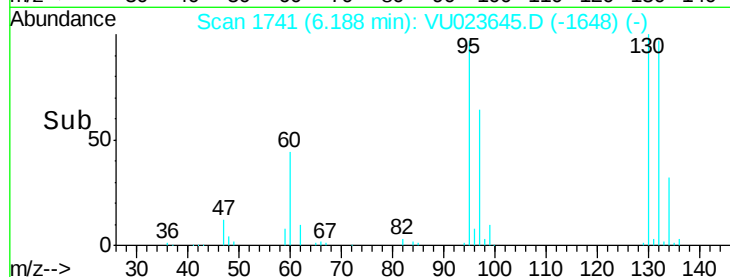
97 63.9 46.0 85.4

132 95.8 68.1 126.5

130 99.1 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



#35

Methylcyclohexane

Concen: 0.39 ug/L

RT: 6.42 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VU023645.D

Acq: 04 May 2018 21:53

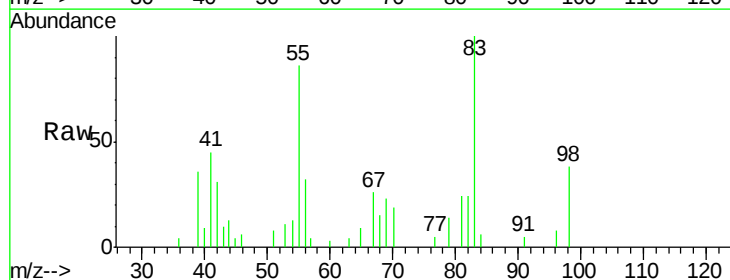
Tgt Ion: 83 Resp: 6900

Ion Ratio Lower Upper

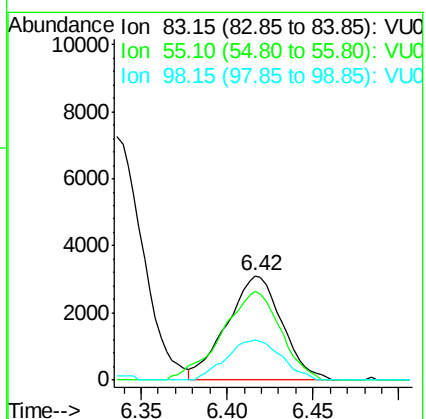
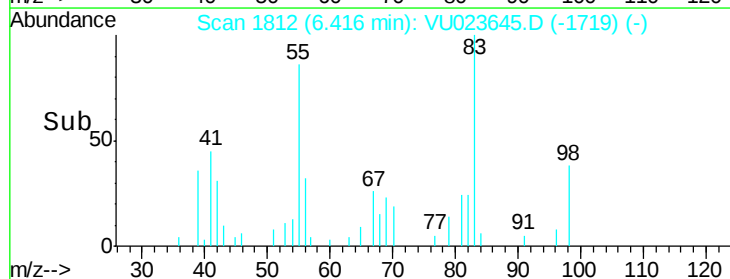
83 100

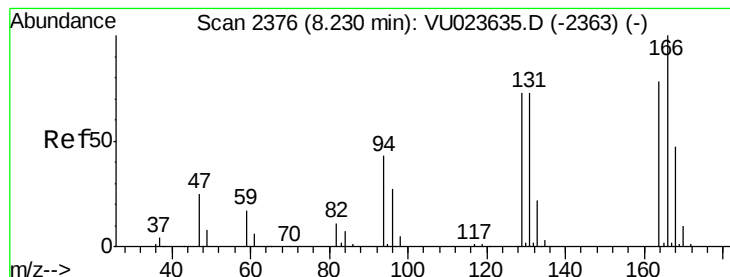
55 90.5 68.4 102.6

98 38.5 36.7 55.1



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0





#47

Tetrachloroethene

Concen: 18.09 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU023645.D

Acq: 04 May 2018 21:53

Tot Ion:164 Resp: 166701

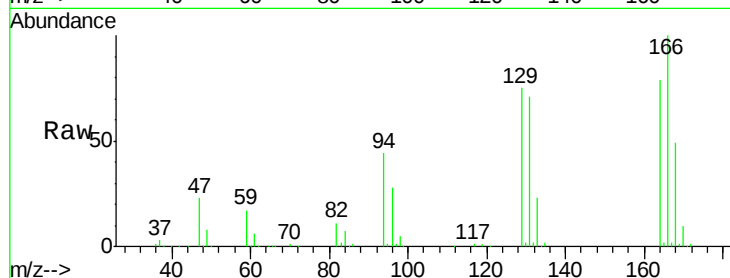
Ion Ratio Lower Upper

164 100

129 94.6 64.4 119.6

131 90.3 63.9 118.7

166 126.6 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

