

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
 Data File : VU023654.D
 Acq On : 05 May 2018 01:44
 Operator : MD/SY
 Sample : J2630-19 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Quant Time: May 05 02:05:59 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	141357	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63269	5.00	ug/L	0.00

System Monitoring Compounds

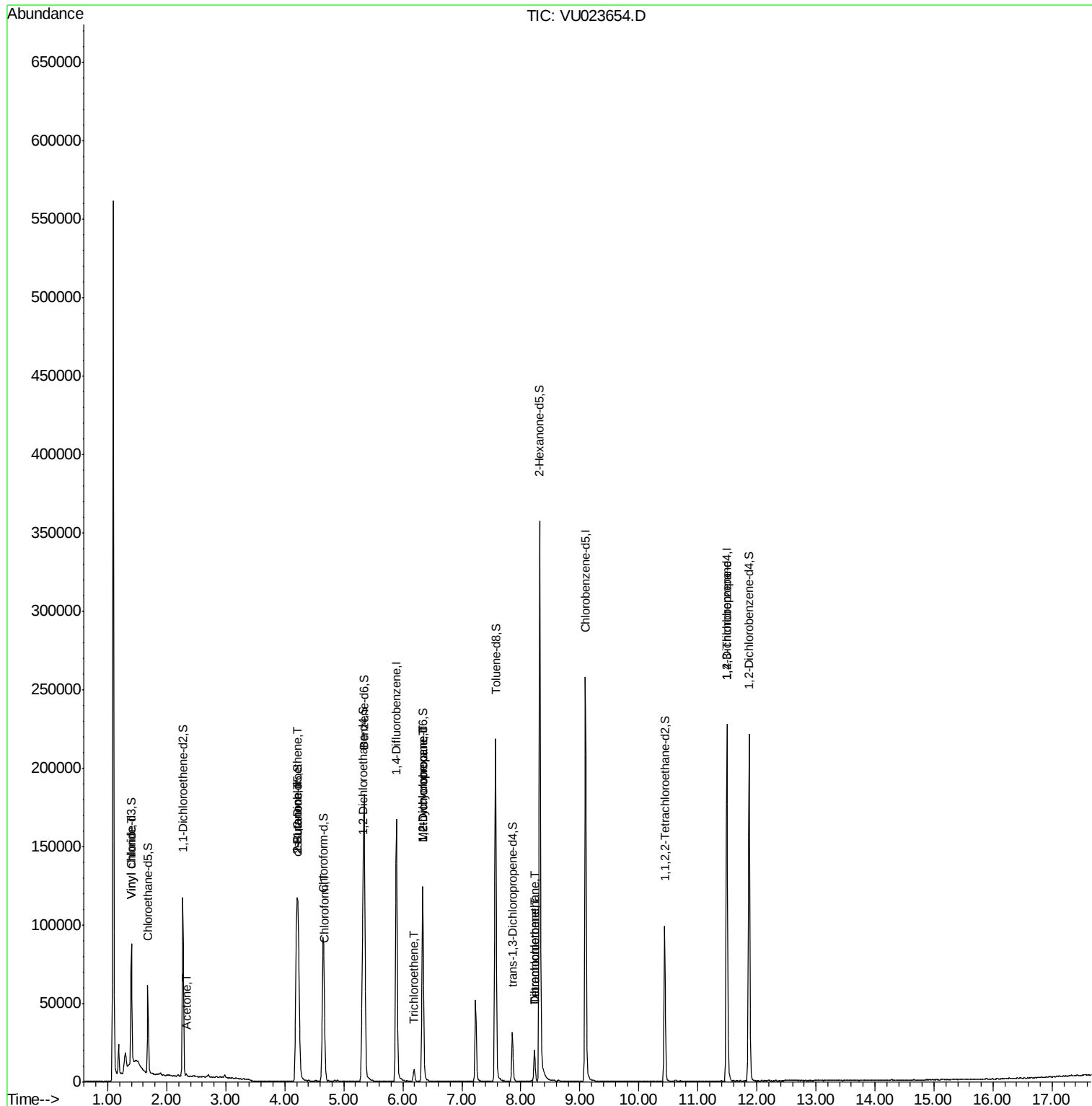
4) Vinyl Chloride-d3	1.40	65	45947	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.68	69	39018	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.27	63	65124	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.20	46	151563	51.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.18%
24) Chloroform-d	4.65	84	89263	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.32	65	51382	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.34	84	178546	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.34	67	62391	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.57	98	148151	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.86	79	18611	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.32	63	117578	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	49890	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	62307	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

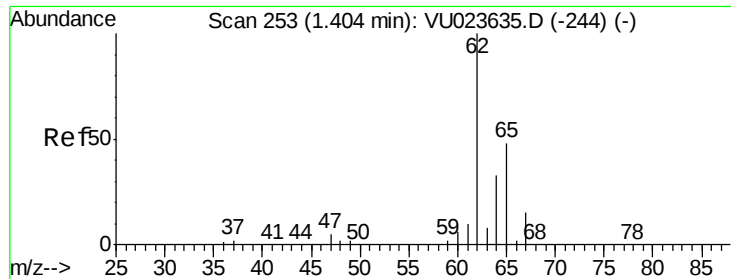
Target Compounds

					Qvalue
5) Vinyl chloride	1.40	62	5535	0.42 ug/L	# 1
13) Acetone	2.32	43	836	0.49 ug/L	74
21) 2-Butanone	4.20	43	1418	0.45 ug/L	91
22) cis-1,2-Dichloroethene	4.23	96	41525	3.80 ug/L	98
25) Chloroform	4.68	83	4901	0.26 ug/L	97
34) Trichloroethene	6.19	95	2859	0.25 ug/L	89
35) Methylcyclohexane	6.34	83	14059	0.82 ug/L	# 16
37) 1,2-Dichloropropane	6.34	63	6399	0.53 ug/L	# 89
47) Tetrachloroethene	8.23	164	5079	0.57 ug/L	95
49) Dibromochloromethane	8.23	129	4650	0.54 ug/L	# 9
59) 1,2,3-Trichloropropane	11.49	75	7619	1.07 ug/L	97

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

Quant Time: May 05 02:05:59 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





#5

Vinyl chloride

Concen: 0.42 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023654.D

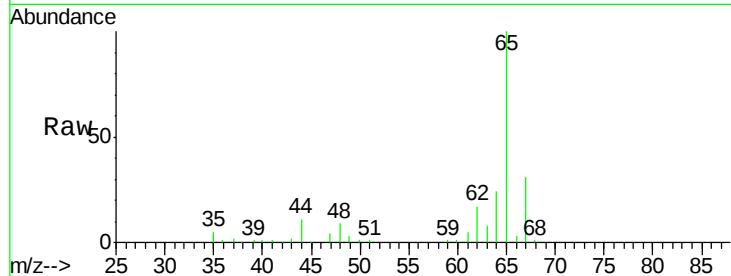
Acq: 05 May 2018 01:44

Tgt Ion: 62 Resp: 5535

Ion Ratio Lower Upper

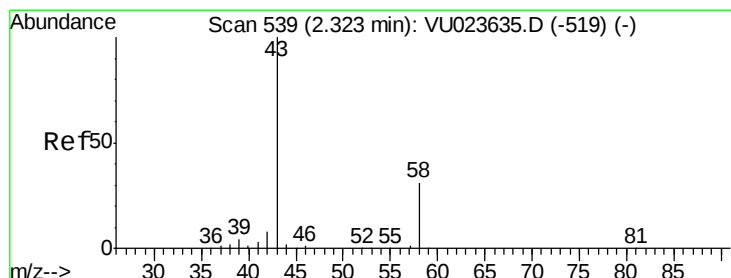
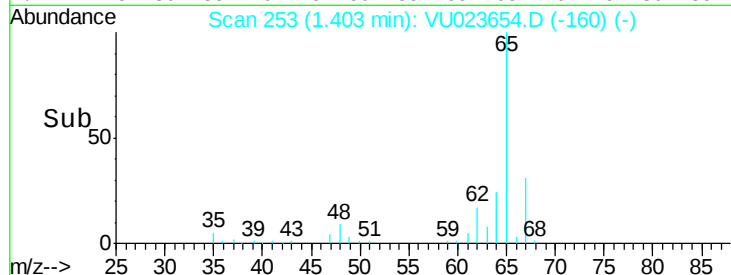
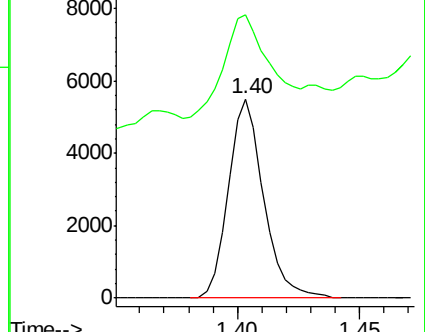
62 100

64 142.3 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: 0.49 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU023654.D

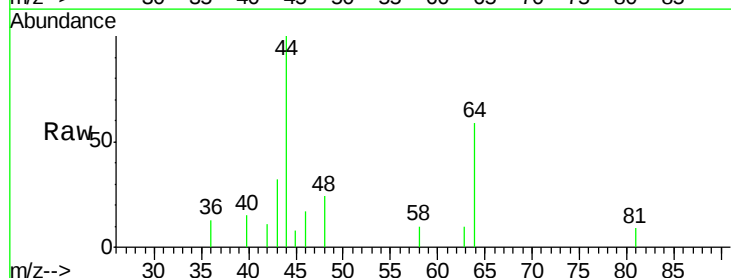
Acq: 05 May 2018 01:44

Tgt Ion: 43 Resp: 836

Ion Ratio Lower Upper

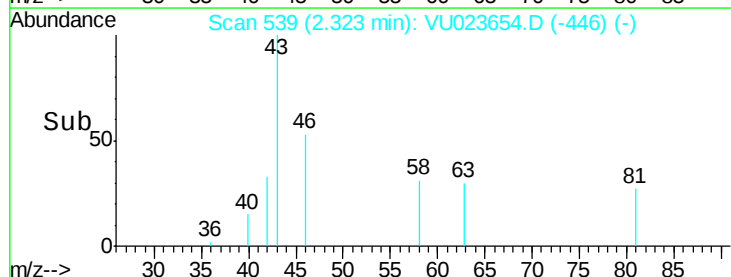
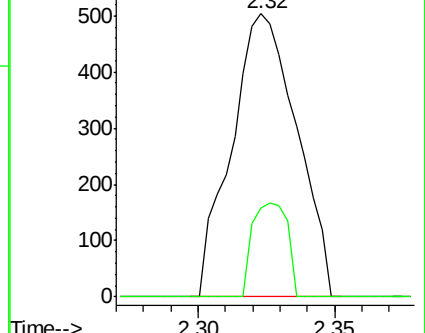
43 100

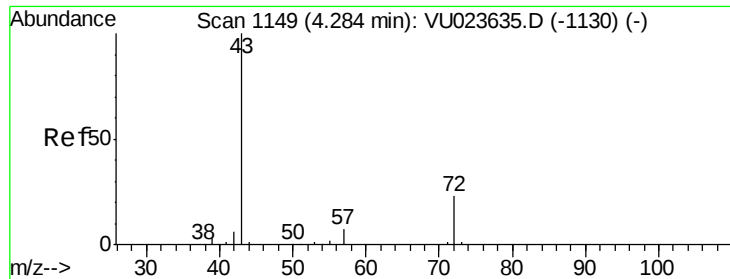
58 17.5 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

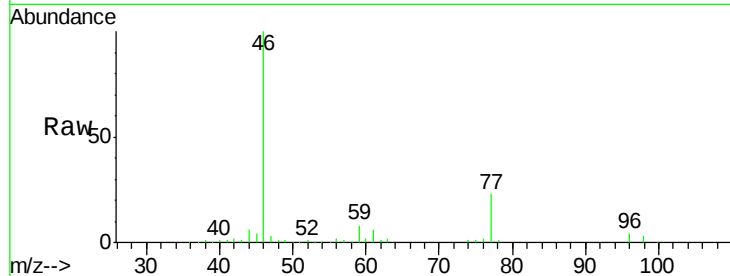
Ion 58.05 (57.75 to 58.75): VU0



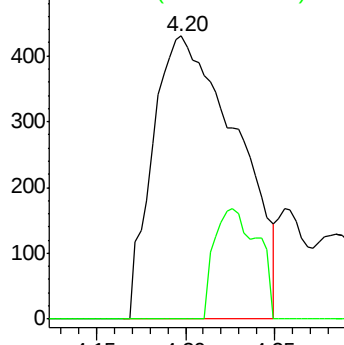


#21
2-Butanone
Concen: 0.45 ug/L
RT: 4.20 min Scan# 1122
Delta R.T. -0.09 min
Lab File: VU023654.D
Acq: 05 May 2018 01:44

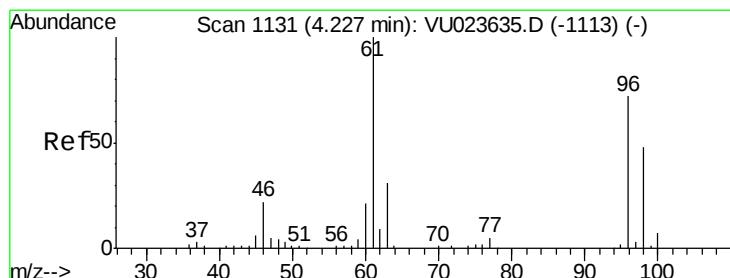
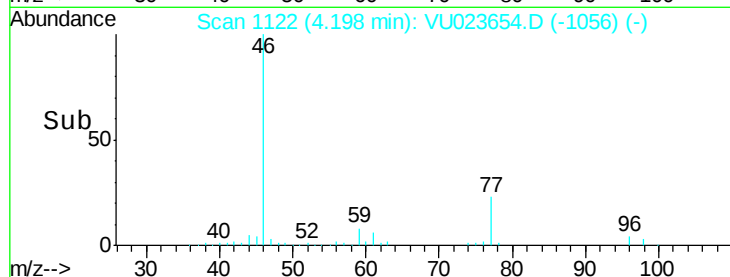
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
72 20.0 12.3 36.8



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

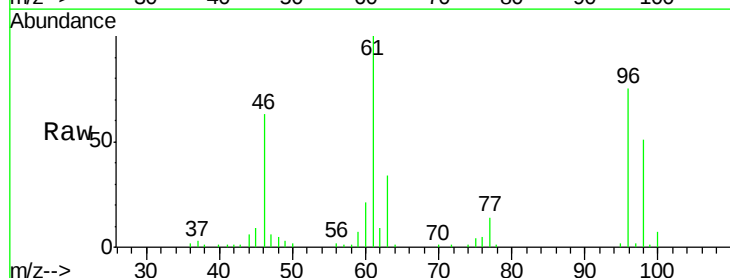


Time-->

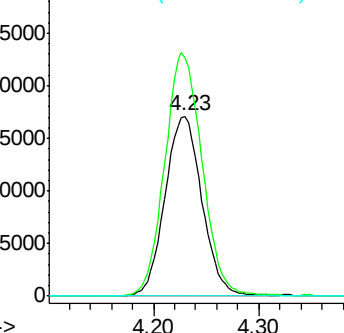


#22
cis-1,2-Dichloroethene
Concen: 3.80 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU023654.D
Acq: 05 May 2018 01:44

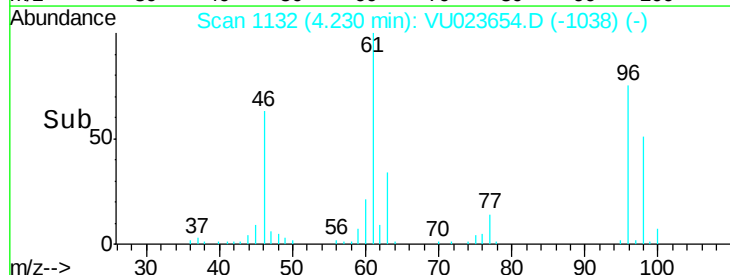
Tgt Ion: 96 Resp: 41525
Ion Ratio Lower Upper
96 100
61 132.6 94.6 175.6
68 0.0 0.0 0.0

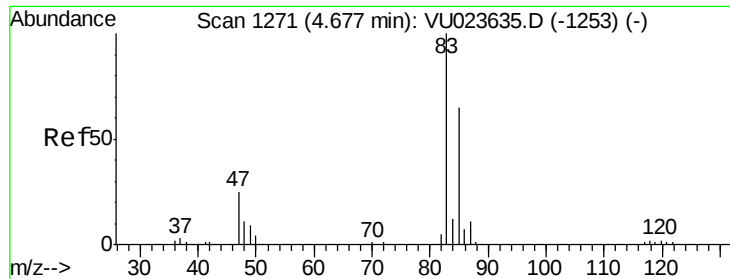


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



Time-->





#25

Chloroform

Concen: 0.26 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU023654.D

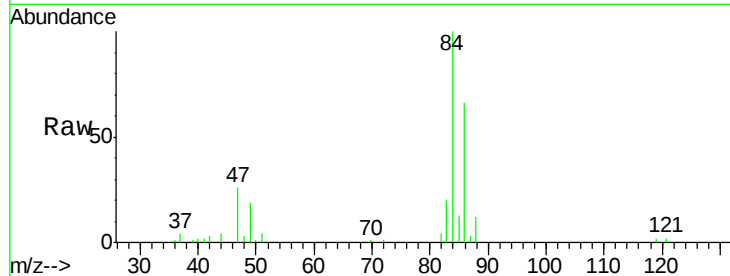
Acq: 05 May 2018 01:44

Tgt Ion: 83 Resp: 4901

Ion Ratio Lower Upper

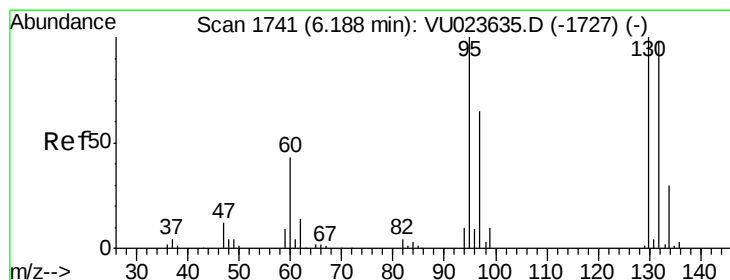
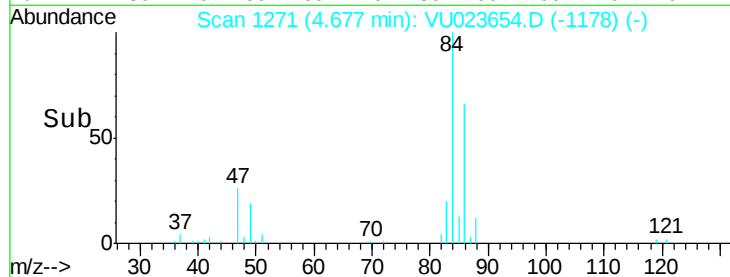
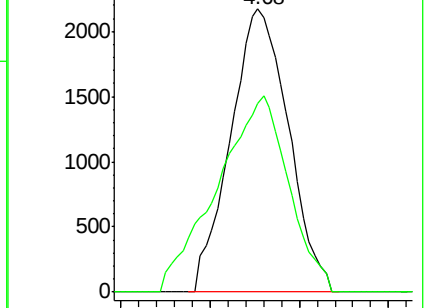
83 100

85 66.8 45.2 84.0



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#34

Trichloroethene

Concen: 0.25 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023654.D

Acq: 05 May 2018 01:44

Tgt Ion: 95 Resp: 2859

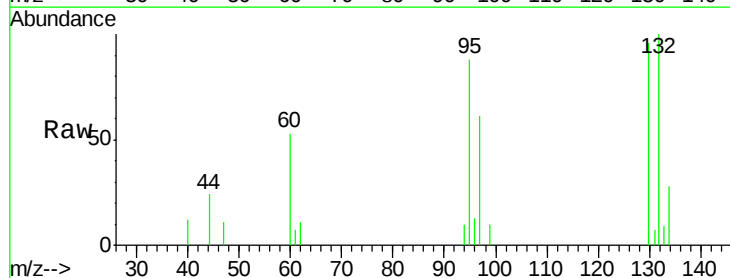
Ion Ratio Lower Upper

95 100

97 69.0 46.0 85.4

132 114.0 68.1 126.5

130 109.7 70.1 130.1

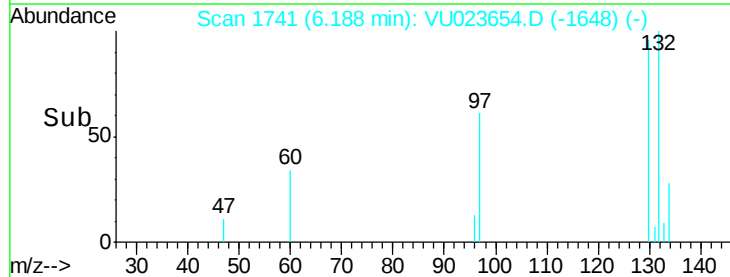
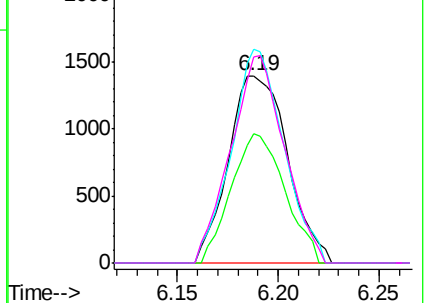


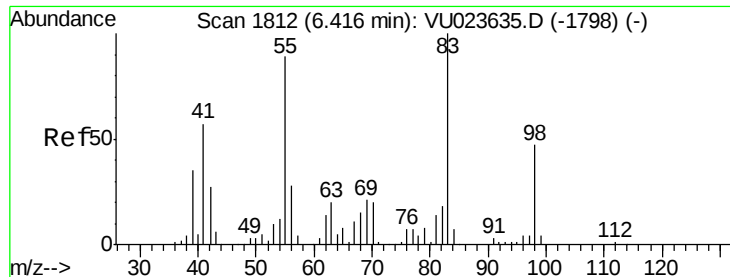
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

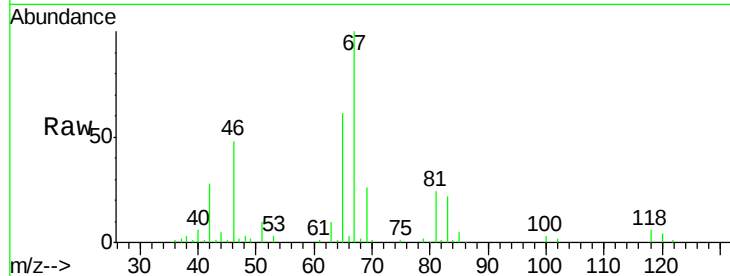
Ion 129.95 (129.65 to 130.65): V



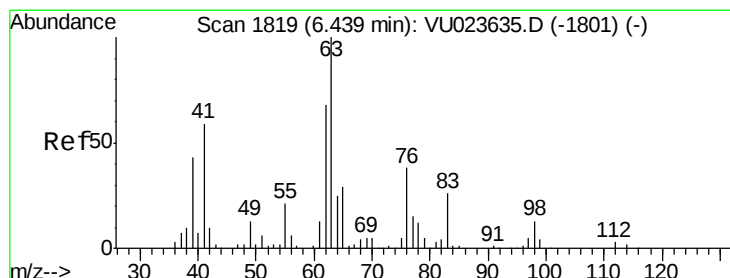
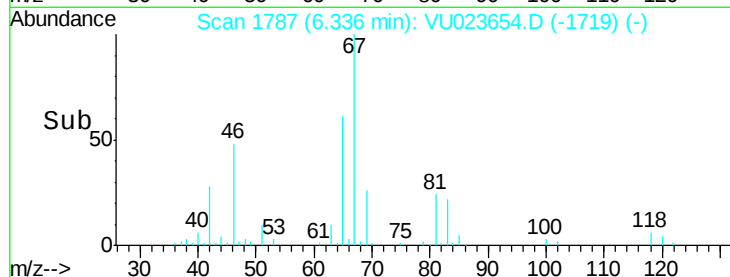
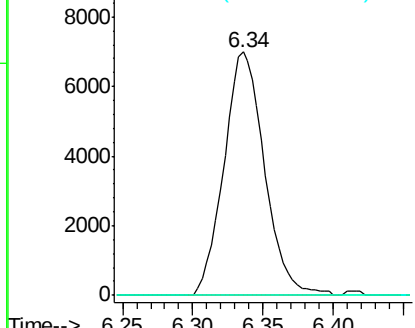


#35
Methylcyclohexane
Concen: 0.82 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023654.D
Acq: 05 May 2018 01:44

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.4	102.6#
98	1.6	36.7	55.1#

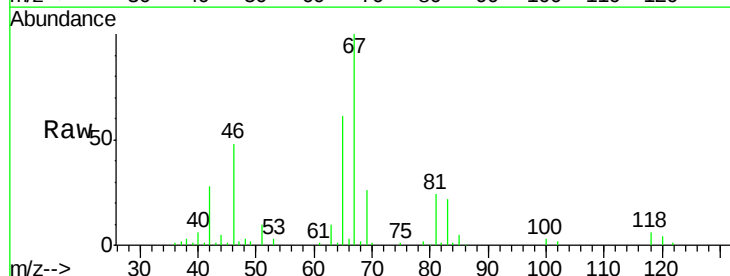


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

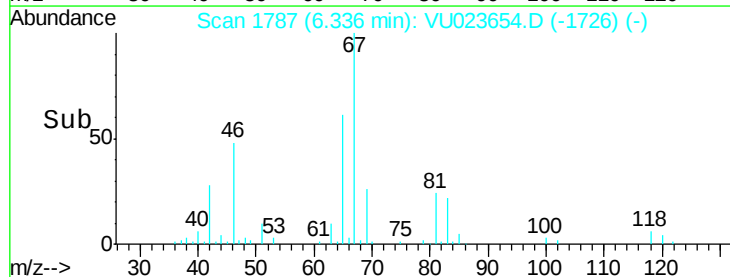
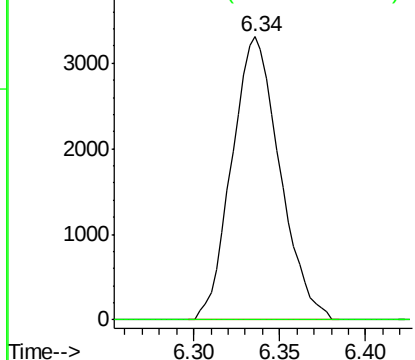


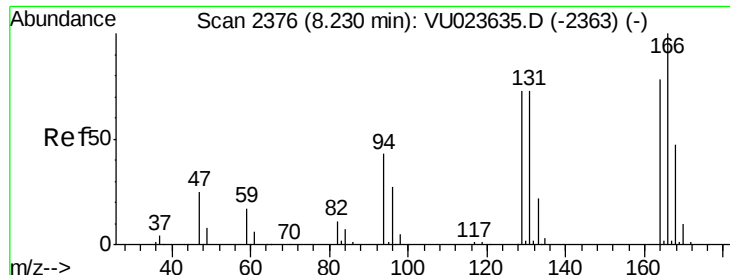
#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023654.D
Acq: 05 May 2018 01:44

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 0.57 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023654.D

Acq: 05 May 2018 01:44

Tgt Ion:164 Resp: 5079

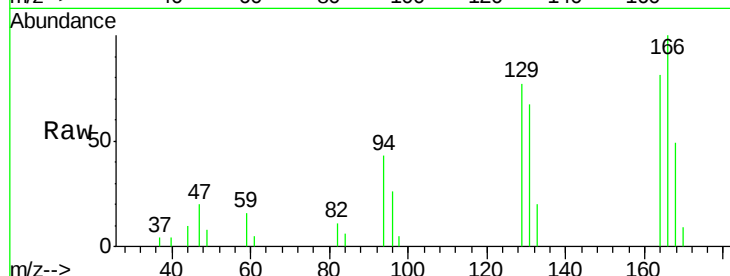
Ion Ratio Lower Upper

164 100

129 95.9 64.4 119.6

131 83.6 63.9 118.7

166 124.2 90.0 167.2

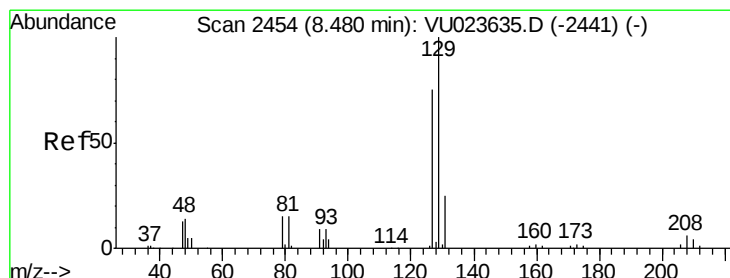
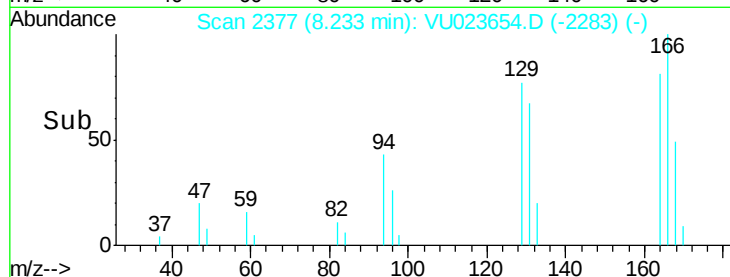
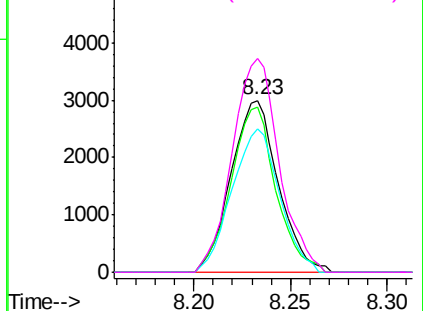


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 0.54 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. -0.25 min

Lab File: VU023654.D

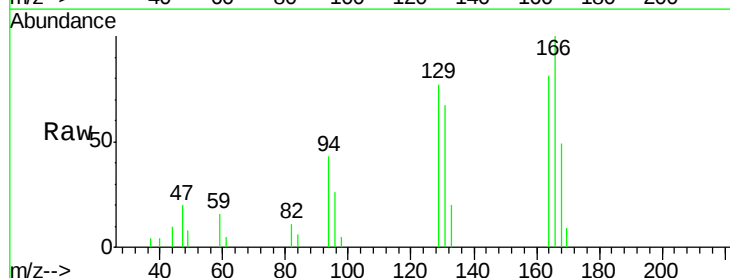
Acq: 05 May 2018 01:44

Tgt Ion:129 Resp: 4650

Ion Ratio Lower Upper

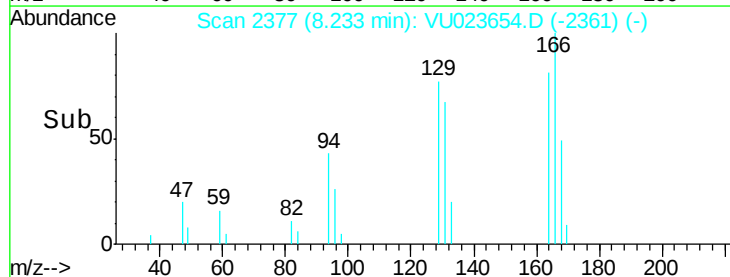
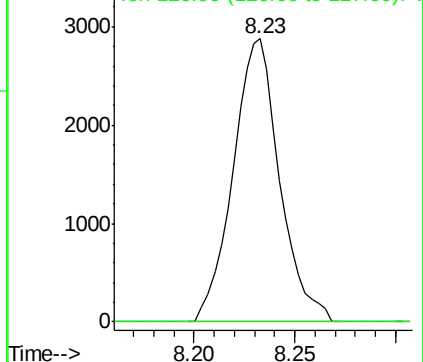
129 100

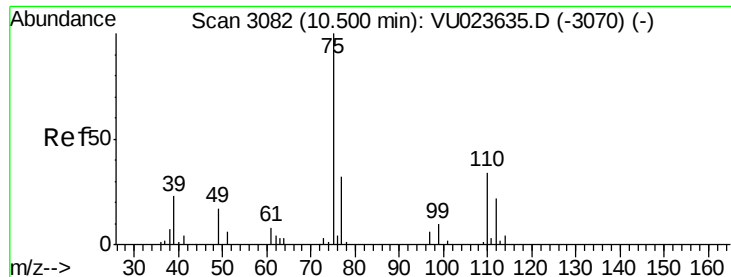
127 0.0 56.9 105.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 1.07 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023654.D

Acq: 05 May 2018 01:44

Tgt Ion: 75 Resp: 7619

Ion Ratio Lower Upper

75 100

77 34.0 26.0 39.0

