

Data File : VU023620.D
Acq On : 03 May 2018 23:59
Operator : MD/SY
Sample : J2630-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 04 04:46:54 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	104864	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	42036	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37173	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.68	69	32768	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.00%
11) 1,1-Dichloroethene-d2	2.27	63	46382	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	4.20	46	149099	67.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.52%#
24) Chloroform-d	4.65	84	78764	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.32	65	46054	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.00%
32) Benzene-d6	5.34	84	139527	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.34	67	52996	5.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.20%
41) Toluene-d8	7.57	98	100354	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.86	79	10826	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.32	63	99791	59.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.98%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	45936	6.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.80%#
64) 1,2-Dichlorobenzene-d4	11.87	152	41594	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

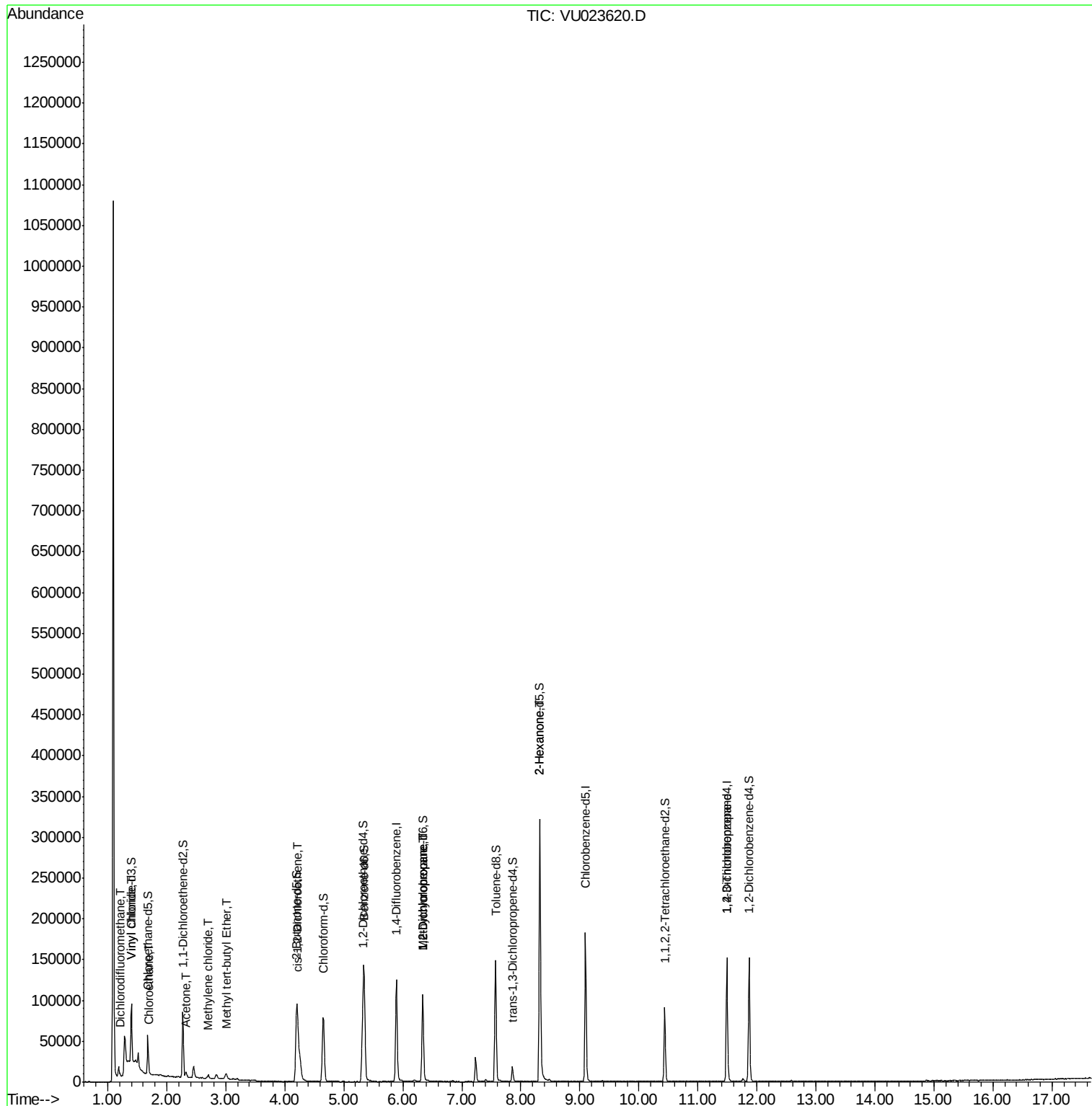
Target Compounds

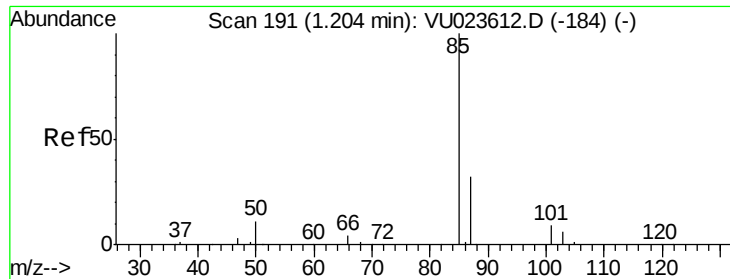
						Qvalue
2) Dichlorodifluoromethane	1.20	85	2334	0.24	ug/L	95
5) Vinyl chloride	1.40	62	11577	1.18	ug/L #	1
8) Chloroethane	1.71	64	1569	0.26	ug/L #	55
13) Acetone	2.33	43	7886	6.27	ug/L	93
16) Methylene chloride	2.70	84	1691	0.24	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	6370	0.40	ug/L #	90
22) cis-1,2-Dichloroethene	4.23	96	9638	1.19	ug/L	98
35) Methylcyclohexane	6.34	83	11664	0.96	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	5440	0.64	ug/L #	89
48) 2-Hexanone	8.32	43	14900	3.96	ug/L #	82
59) 1,2,3-Trichloropropane	11.49	75	5081	1.01	ug/L	98

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

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ALS Vial      : 17      Sample Multiplier: 1
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.24 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023620.D

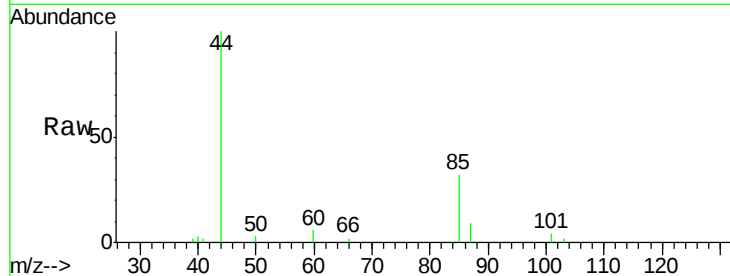
Acq: 03 May 2018 23:59

Tgt Ion: 85 Resp: 2334

Ion Ratio Lower Upper

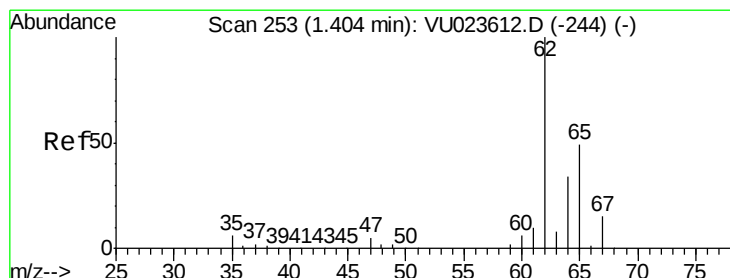
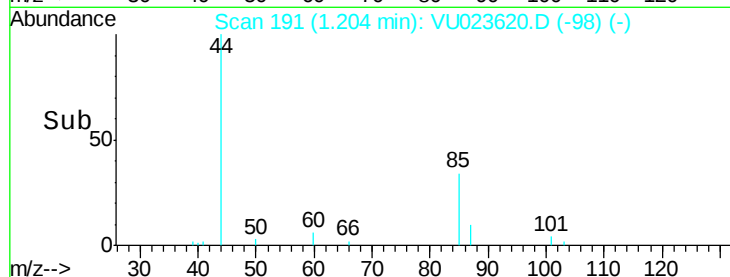
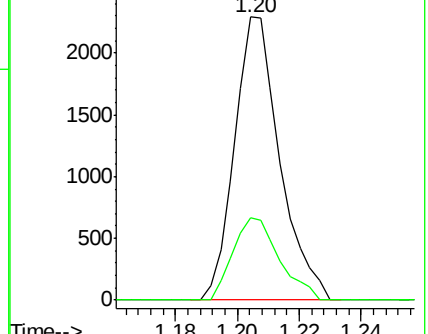
85 100

87 29.8 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#5

Vinyl chloride

Concen: 1.18 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023620.D

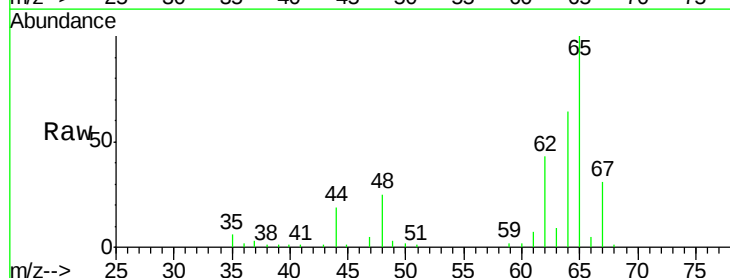
Acq: 03 May 2018 23:59

Tgt Ion: 62 Resp: 11577

Ion Ratio Lower Upper

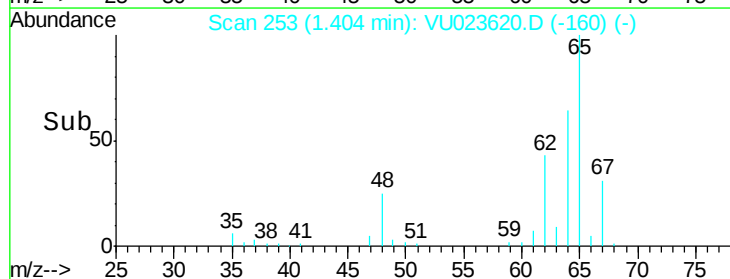
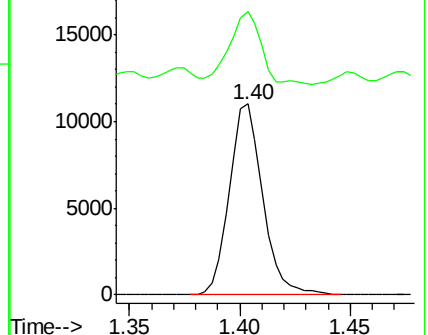
62 100

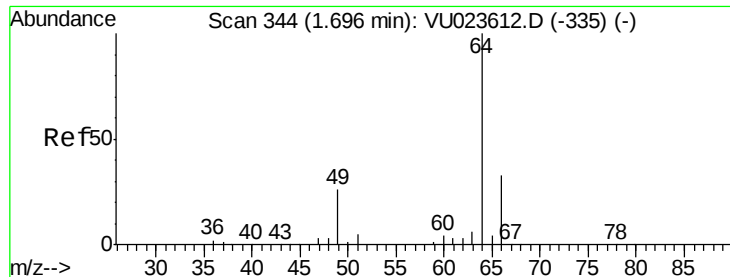
64 148.4 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

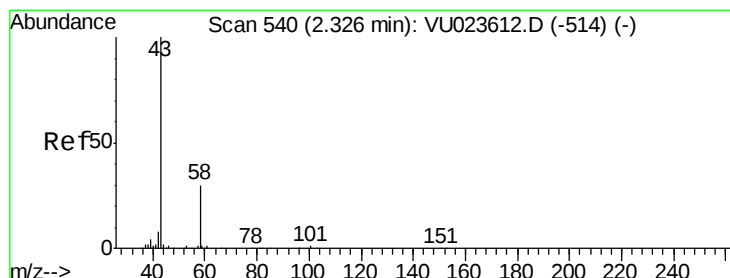
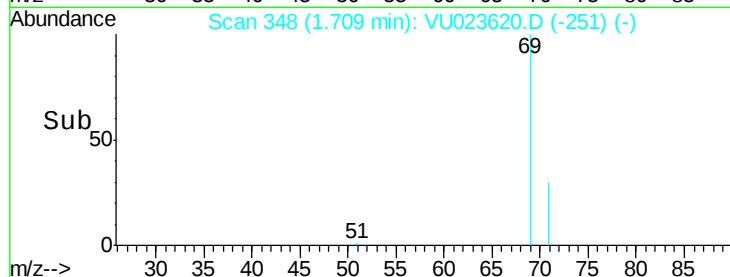
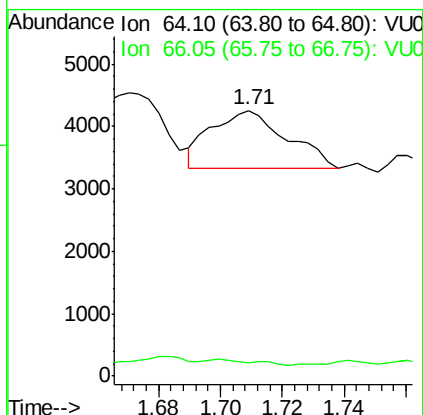
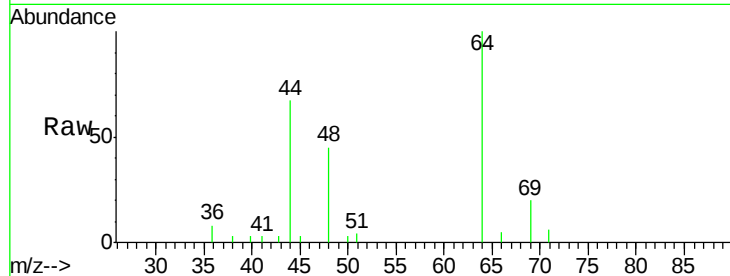
Ion 64.10 (63.80 to 64.80): VU0





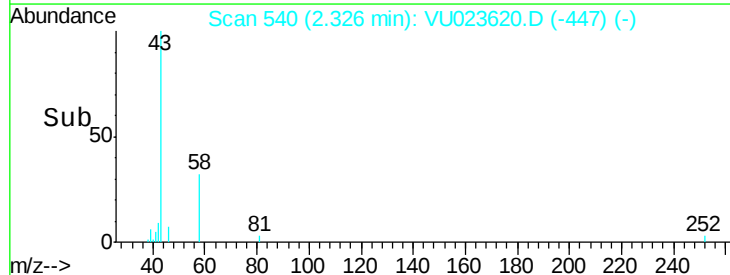
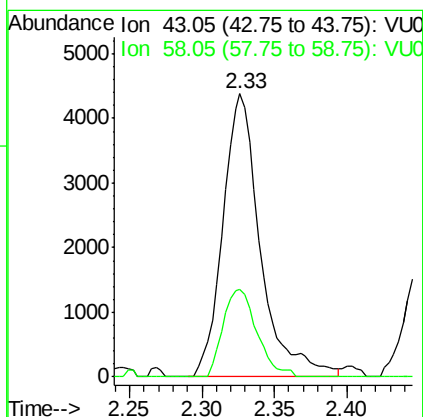
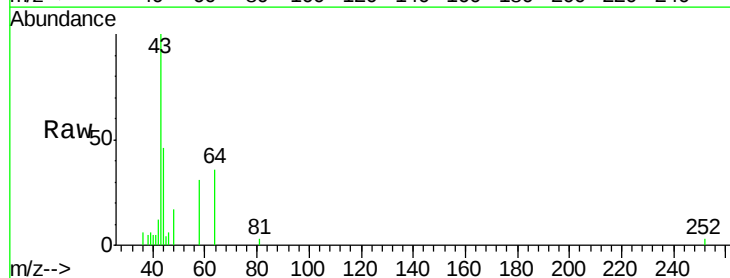
#8
Chloroethane
Concen: 0.26 ug/L
RT: 1.71 min Scan# 348
Delta R.T. 0.01 min
Lab File: VU023620.D
Acq: 03 May 2018 23:59

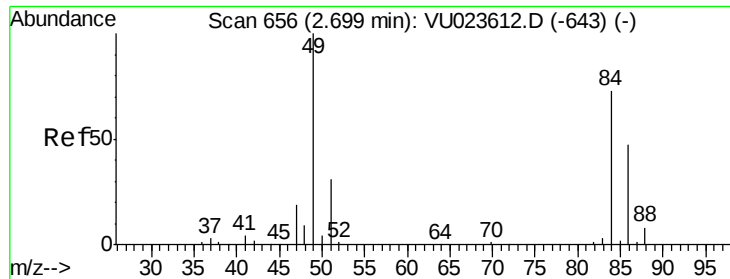
Tgt Ion: 64 Resp: 1569
Ion Ratio Lower Upper
64 100
66 5.1 20.6 38.2#



#13
Acetone
Concen: 6.27 ug/L
RT: 2.33 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU023620.D
Acq: 03 May 2018 23:59

Tgt Ion: 43 Resp: 7886
Ion Ratio Lower Upper
43 100
58 27.9 0.0 63.8

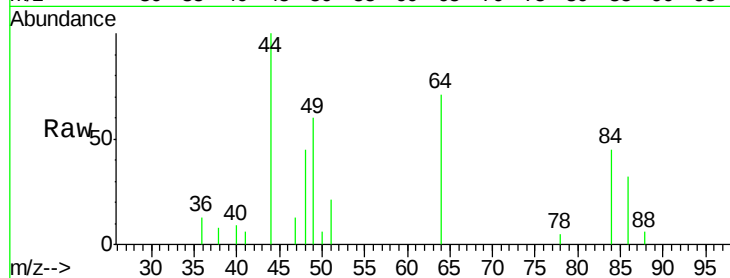




#16
Methylene chloride
Concen: 0.24 ug/L
RT: 2.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: VU023620.D
Acq: 03 May 2018 23:59

Tgt Ion: 84 Resp: 1691

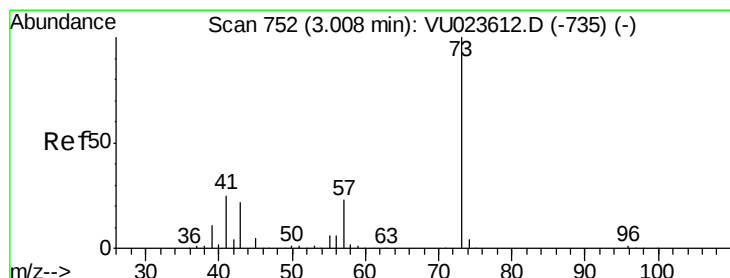
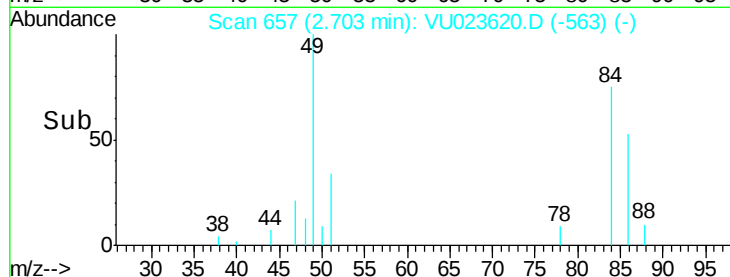
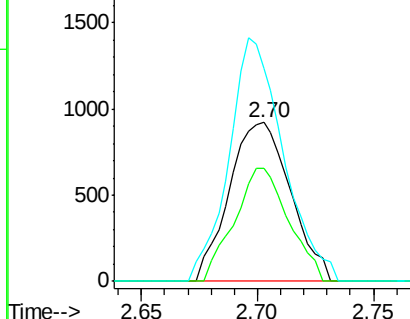
Ion	Ratio	Lower	Upper
84	100		
86	71.1	46.0	85.4
49	133.8	96.0	178.4



Abundance Ion 84.05 (83.75 to 84.75): VU023620.D (-653) (-)

Ion 86.00 (85.70 to 86.70): VU023620.D (-653) (-)

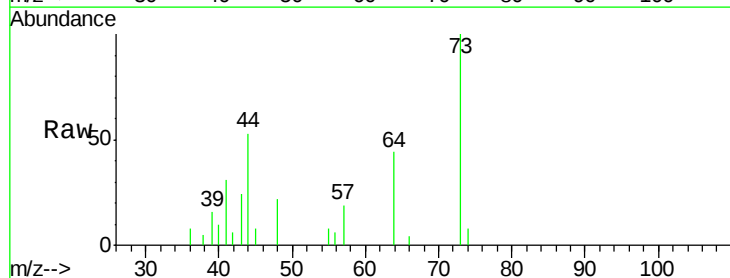
Ion 49.10 (48.80 to 49.80): VU023620.D (-653) (-)



#17
Methyl tert-butyl Ether
Concen: 0.40 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023620.D
Acq: 03 May 2018 23:59

Tgt Ion: 73 Resp: 6370

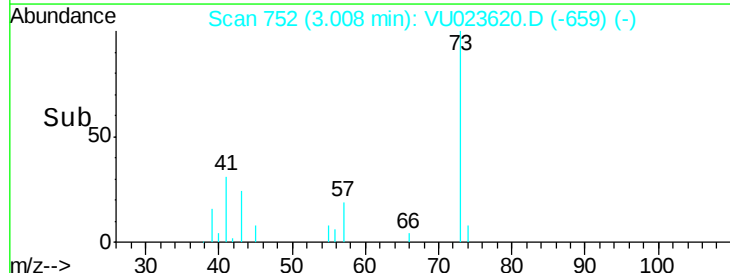
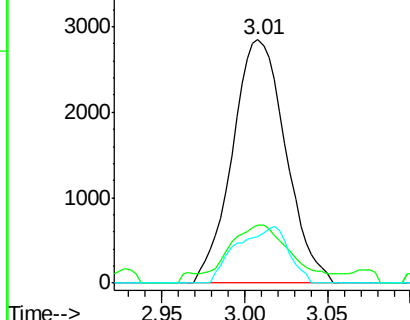
Ion	Ratio	Lower	Upper
73	100		
43	29.2	16.6	25.0#
57	22.4	19.4	29.0

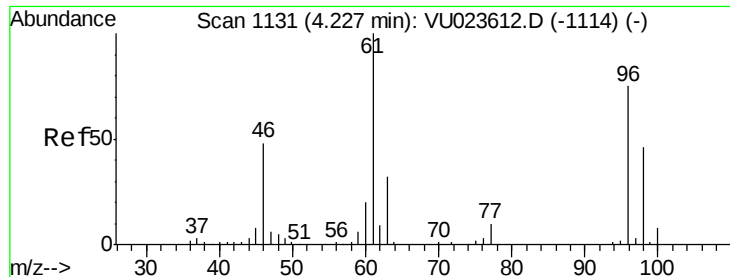


Abundance Ion 73.10 (72.80 to 73.80): VU023620.D (-659) (-)

Ion 43.05 (42.75 to 43.75): VU023620.D (-659) (-)

Ion 57.10 (56.80 to 57.80): VU023620.D (-659) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.19 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023620.D

Acq: 03 May 2018 23:59

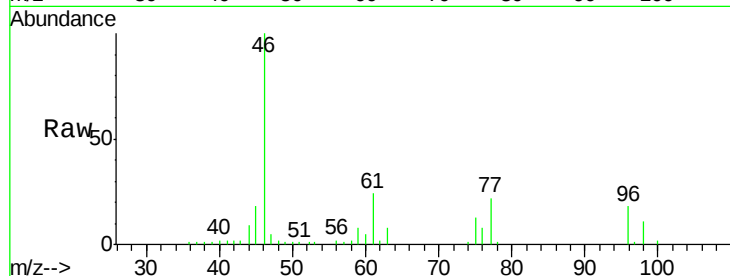
Tgt Ion: 96 Resp: 9638

Ion Ratio Lower Upper

96 100

61 136.9 94.6 175.6

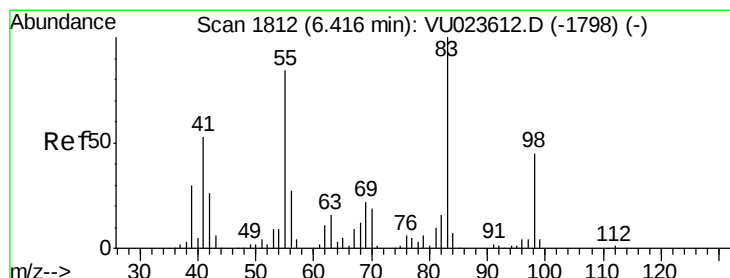
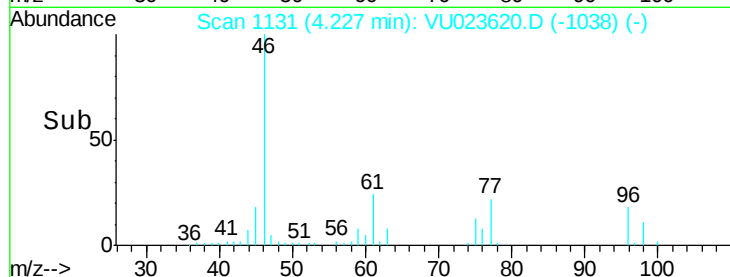
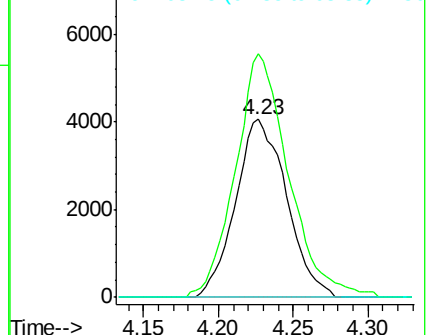
68 0.0 0.0 0.0



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



#35

Methylcyclohexane

Concen: 0.96 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023620.D

Acq: 03 May 2018 23:59

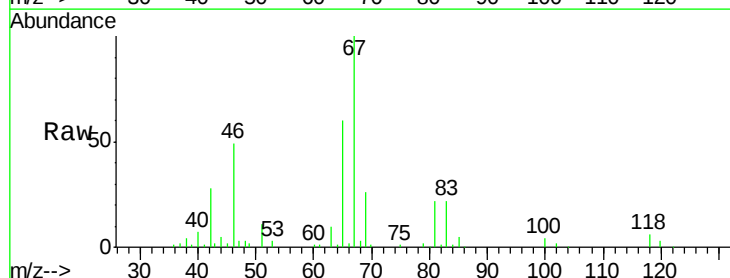
Tgt Ion: 83 Resp: 11664

Ion Ratio Lower Upper

83 100

55 0.0 68.4 102.6#

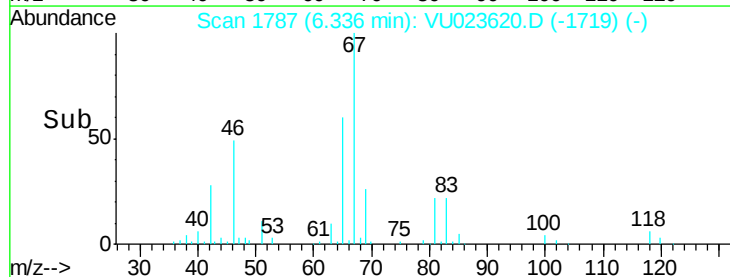
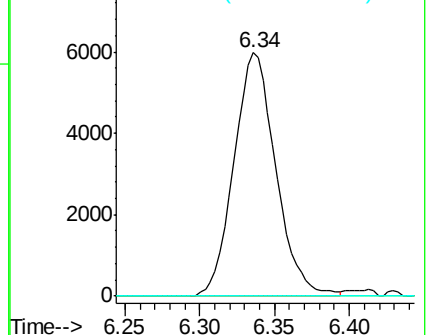
98 0.0 36.7 55.1#

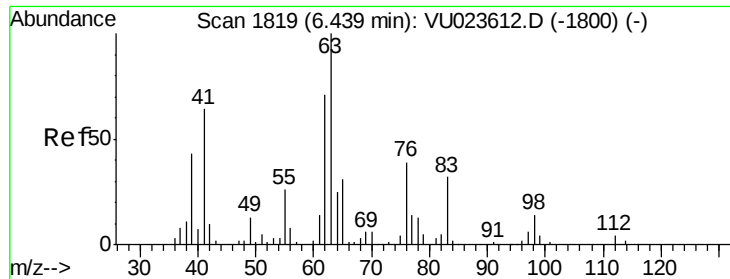


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

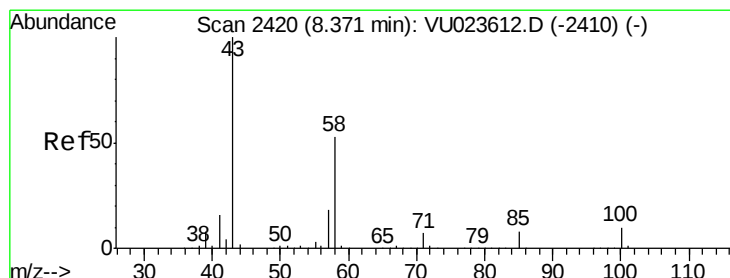
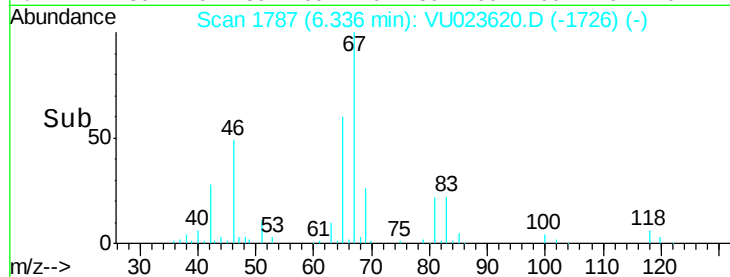
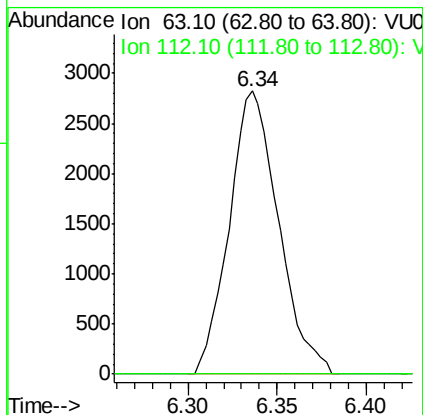
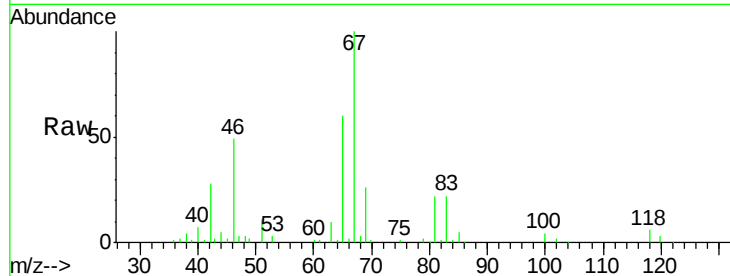
Ion 98.15 (97.85 to 98.85): VU0





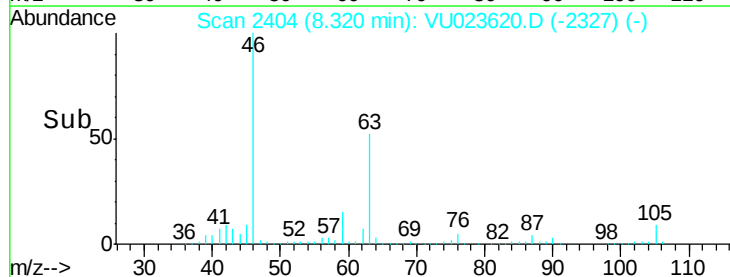
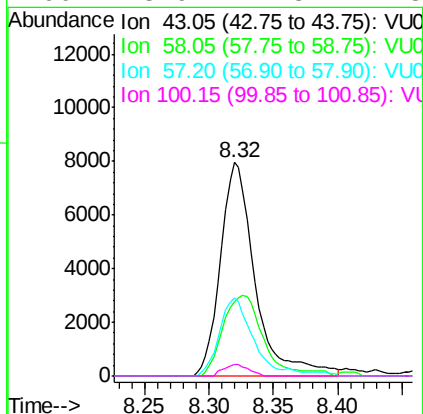
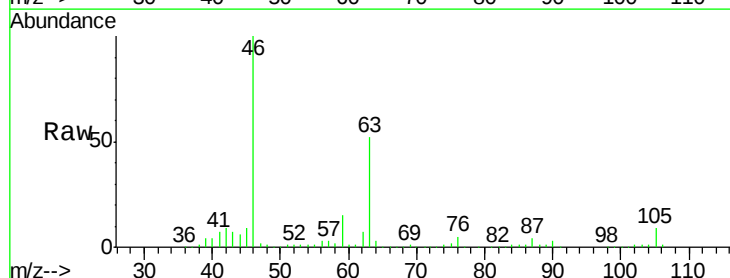
#37
 1,2-Dichloropropane
 Concen: 0.64 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023620.D
 Acq: 03 May 2018 23:59

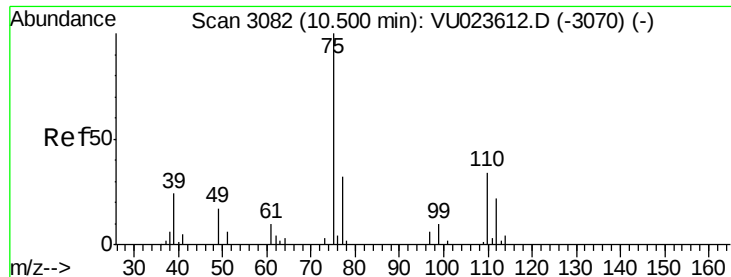
Tgt Ion: 63 Resp: 5440
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#48
 2-Hexanone
 Concen: 3.96 ug/L
 RT: 8.32 min Scan# 2404
 Delta R.T. -0.05 min
 Lab File: VU023620.D
 Acq: 03 May 2018 23:59

Tgt Ion: 43 Resp: 14900
 Ion Ratio Lower Upper
 43 100
 58 44.1 42.1 63.1
 57 34.0 14.3 21.5#
 100 3.9 7.8 11.8#





#59

1,2,3-Trichloropropane

Concen: 1.01 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023620.D

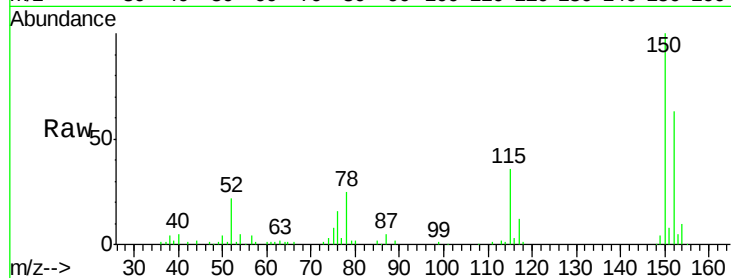
Acq: 03 May 2018 23:59

Tgt Ion: 75 Resp: 5081

Ion Ratio Lower Upper

75 100

77 33.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

