

Data File : VU023622.D
Acq On : 04 May 2018 00:54
Operator : MD/SY
Sample : J2630-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 04 04:47:18 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	74824	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	64269	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	22482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28923	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.68	69	28418	7.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.00%#
11) 1,1-Dichloroethene-d2	2.27	63	27387	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.20	46	147656	94.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	188.08%#
24) Chloroform-d	4.65	84	66747	6.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	137.20%#
26) 1,2-Dichloroethane-d4	5.32	65	43504	8.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	166.80%#
32) Benzene-d6	5.34	84	105477	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.80%
36) 1,2-Dichloropropane-d6	6.34	67	45553	8.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	162.20%#
41) Toluene-d8	7.57	98	57048	3.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.00%
43) trans-1,3-Dichloropropene-	7.86	79	9101	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.32	63	99612	93.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	187.94%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	43272	9.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	193.60%#
64) 1,2-Dichlorobenzene-d4	11.87	152	24771	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	2847	0.40	ug/L	99
5) Vinyl chloride	1.40	62	83805	11.98	ug/L #	76
8) Chloroethane	1.74	64	1712	0.40	ug/L #	54
13) Acetone	2.33	43	6190	6.90	ug/L	98
16) Methylene chloride	2.70	84	2285	0.45	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	7341	0.65	ug/L #	93
18) trans-1,2-Dichloroethene	2.98	96	1504	0.31	ug/L	93
21) 2-Butanone	4.28	43	1443	0.87	ug/L #	61
22) cis-1,2-Dichloroethene	4.23	96	91087	15.74	ug/L	99
34) Trichloroethene	6.19	95	2149	0.43	ug/L	94
35) Methylcyclohexane	6.34	83	9882	1.29	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	4341	0.81	ug/L #	89
40) 4-Methyl-2-pentanone	7.40	43	875	0.27	ug/L #	45
48) 2-Hexanone	8.32	43	14938	6.28	ug/L #	75
59) 1,2,3-Trichloropropane	11.49	75	2710	0.85	ug/L	91

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050418\
Quantitation Report (Not Reviewed)

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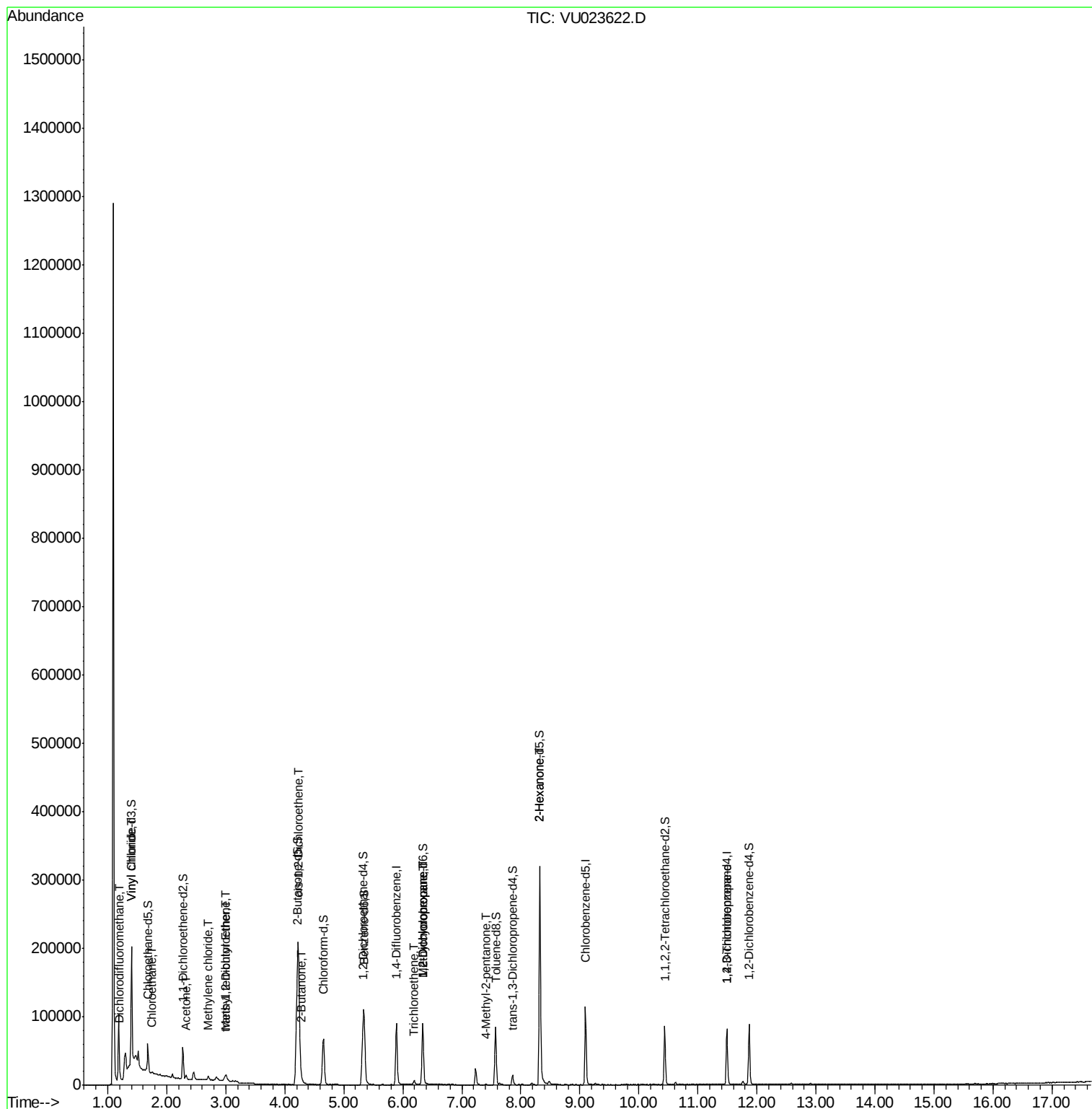
Quant Time: May 04 04:47:18 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

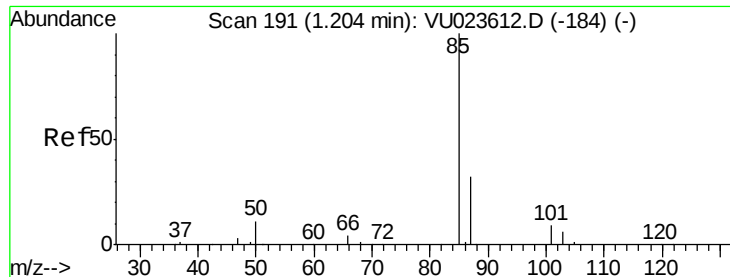
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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#2

Dichlorodifluoromethane

Concen: 0.40 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023622.D

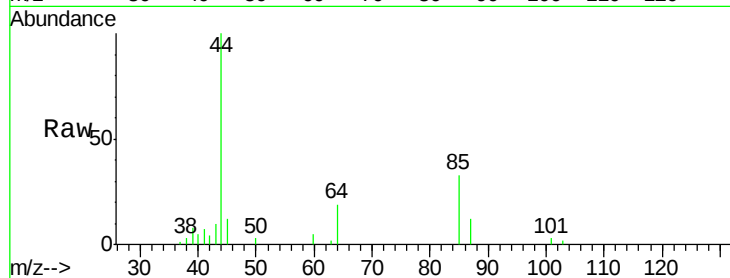
Acq: 04 May 2018 00:54

Tgt Ion: 85 Resp: 2847

Ion Ratio Lower Upper

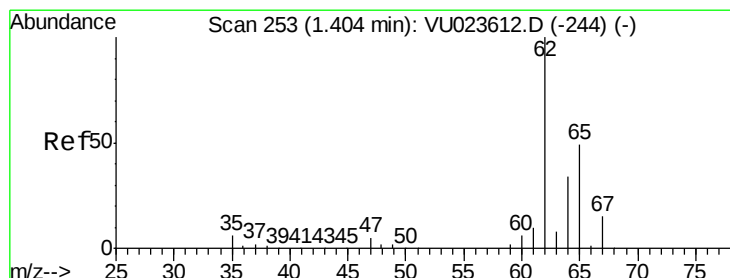
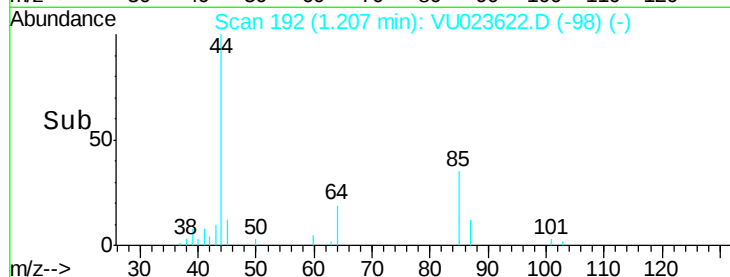
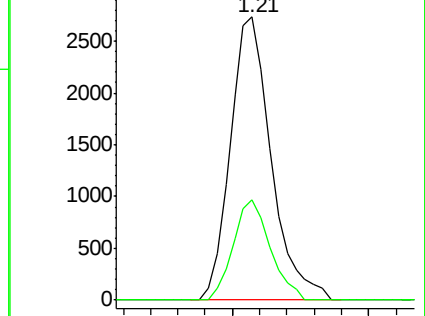
85 100

87 32.0 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: 11.98 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023622.D

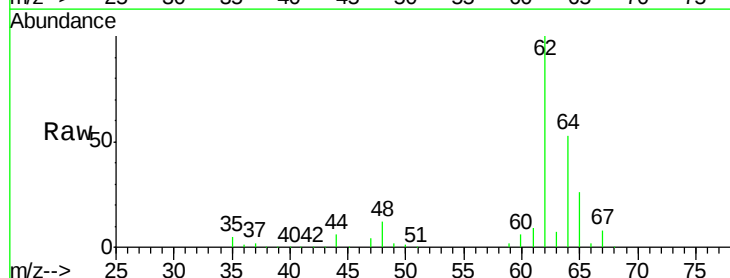
Acq: 04 May 2018 00:54

Tgt Ion: 62 Resp: 83805

Ion Ratio Lower Upper

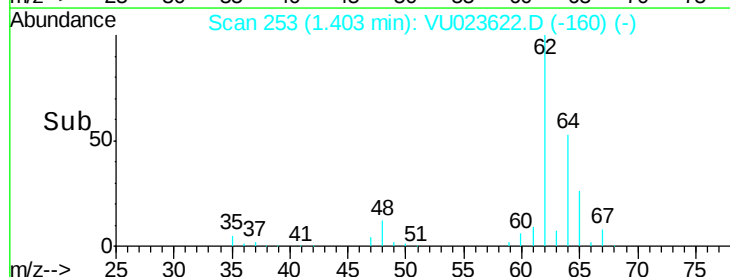
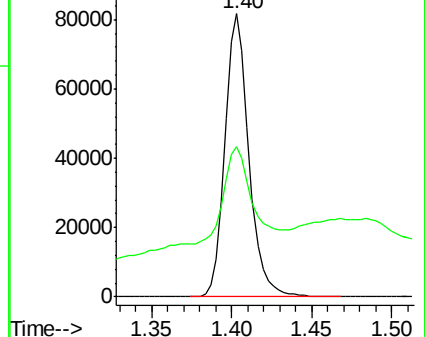
62 100

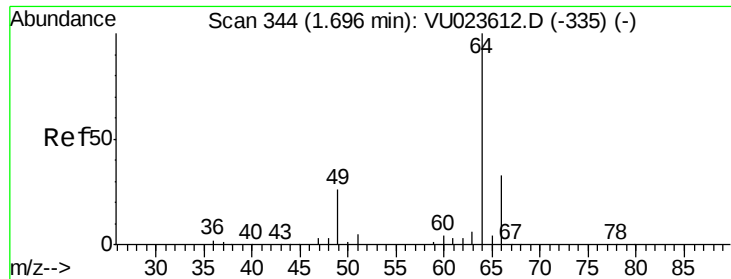
64 53.0 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

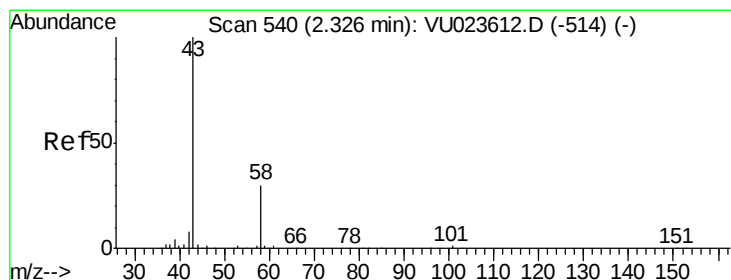
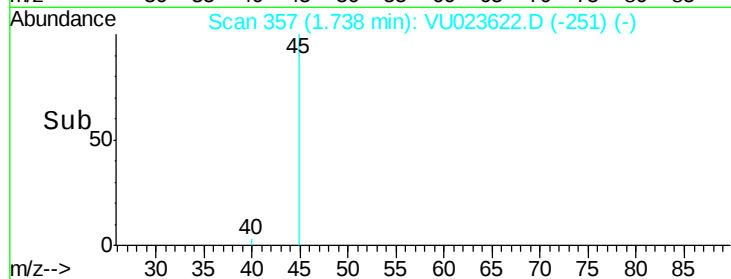
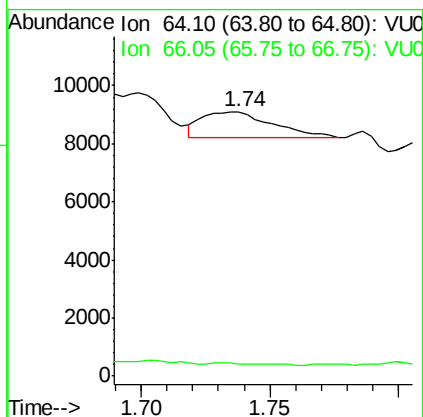
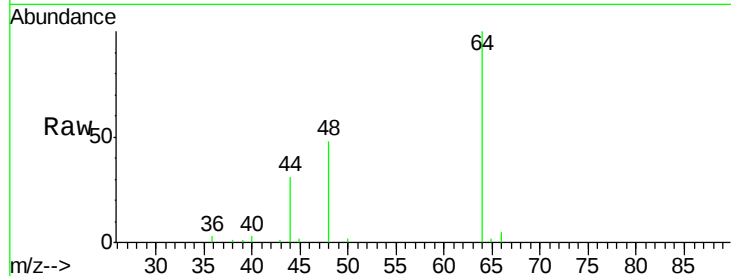
Ion 64.10 (63.80 to 64.80): VU0





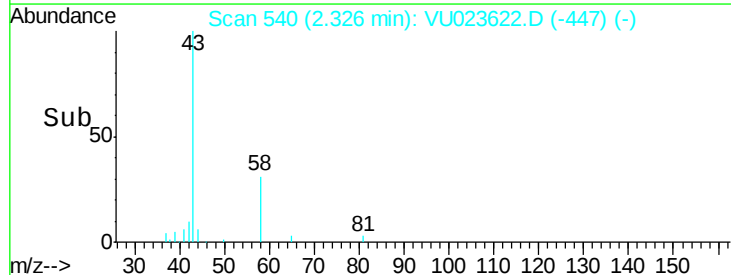
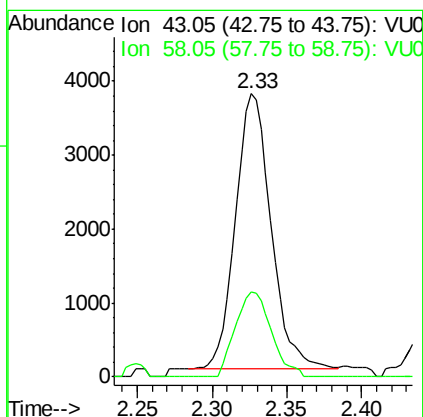
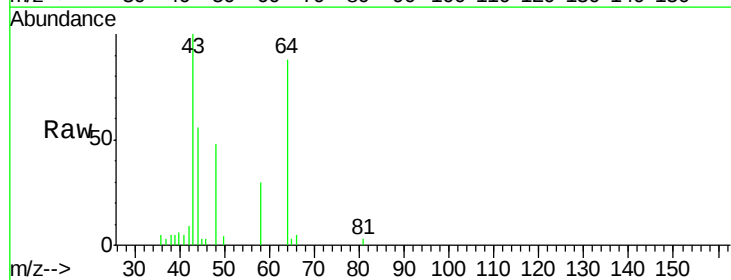
#8
 Chloroethane
 Concen: 0.40 ug/L
 RT: 1.74 min Scan# 357
 Delta R.T. 0.04 min
 Lab File: VU023622.D
 Acq: 04 May 2018 00:54

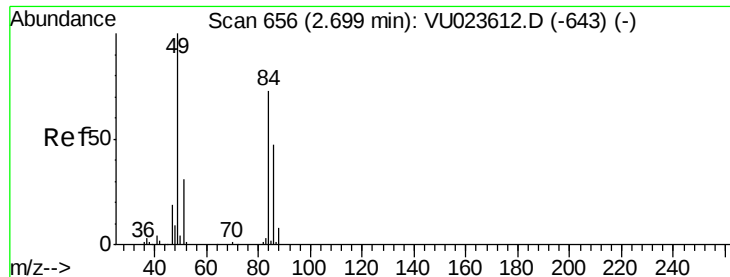
Tgt Ion: 64 Resp: 1712
 Ion Ratio Lower Upper
 64 100
 66 4.5 20.6 38.2#



#13
 Acetone
 Concen: 6.90 ug/L
 RT: 2.33 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: VU023622.D
 Acq: 04 May 2018 00:54

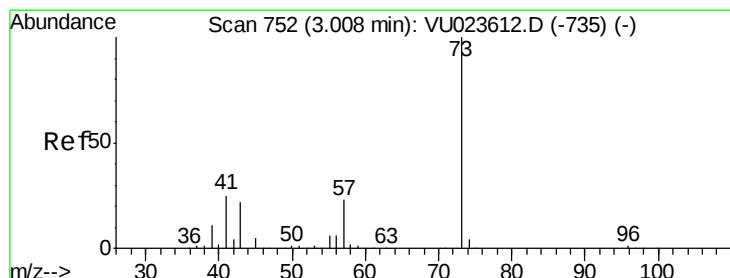
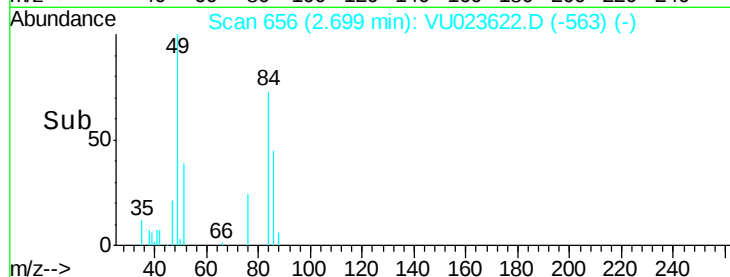
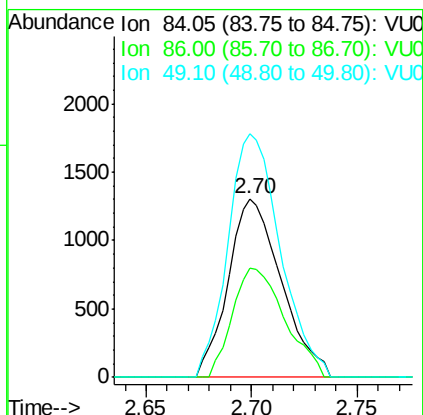
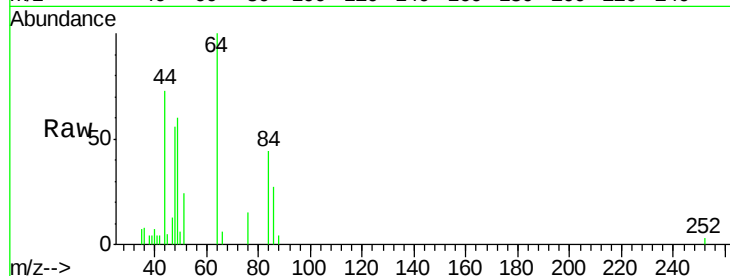
Tgt Ion: 43 Resp: 6190
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 63.8





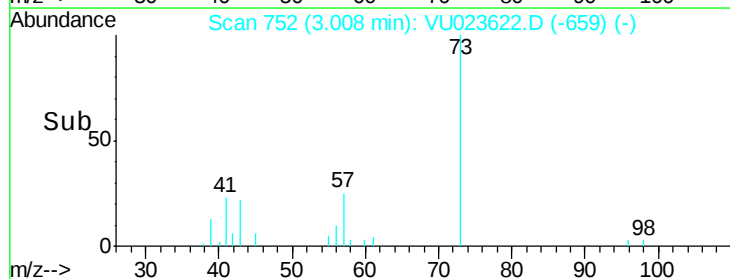
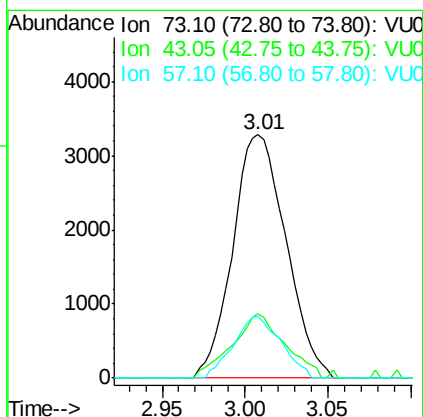
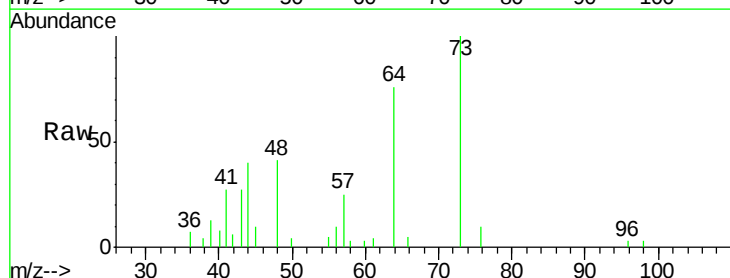
#16
Methylene chloride
Concen: 0.45 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023622.D
Acq: 04 May 2018 00:54

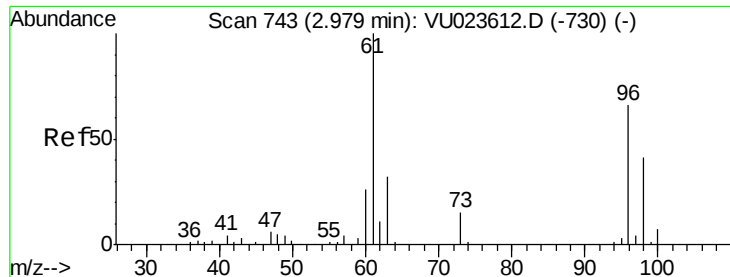
Tgt Ion: 84 Resp: 2285
Ion Ratio Lower Upper
84 100
86 61.0 46.0 85.4
49 136.5 96.0 178.4



#17
Methyl tert-butyl Ether
Concen: 0.65 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023622.D
Acq: 04 May 2018 00:54

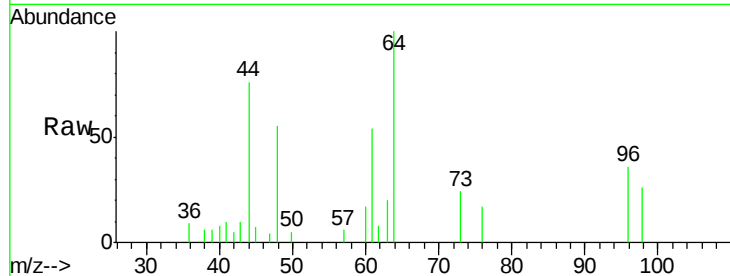
Tgt Ion: 73 Resp: 7341
Ion Ratio Lower Upper
73 100
43 26.1 16.6 25.0#
57 22.6 19.4 29.0



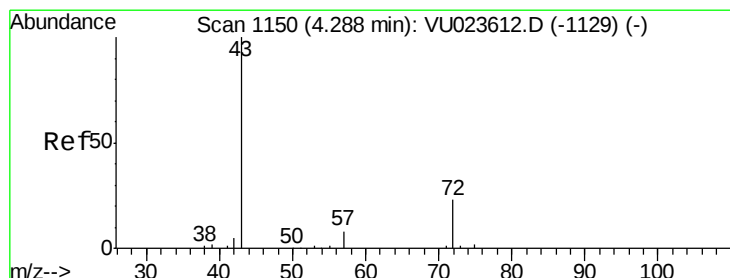
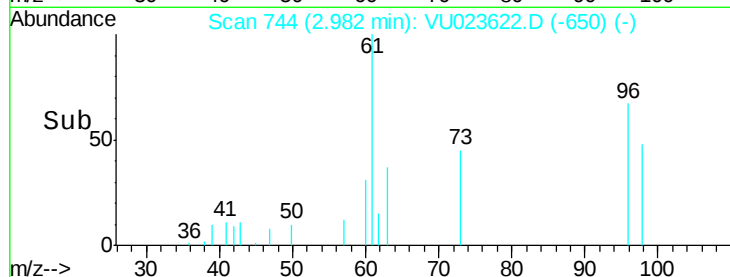
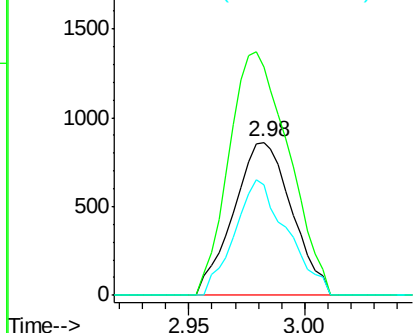


#18
trans-1,2-Dichloroethene
Concen: 0.31 ug/L
RT: 2.98 min Scan# 744
Delta R.T. 0.00 min
Lab File: VU023622.D
Acq: 04 May 2018 00:54

Tgt Ion: 96 Resp: 1504
Ion Ratio Lower Upper
96 100
61 149.4 109.0 202.4
98 72.3 44.7 83.1

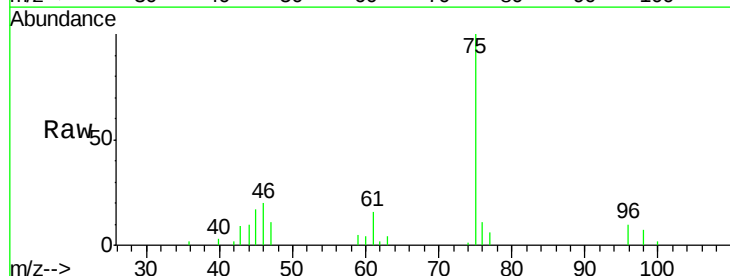


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

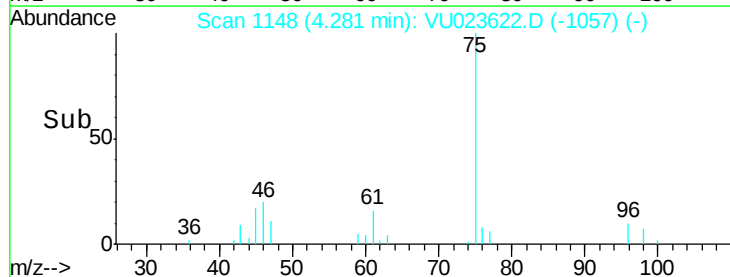
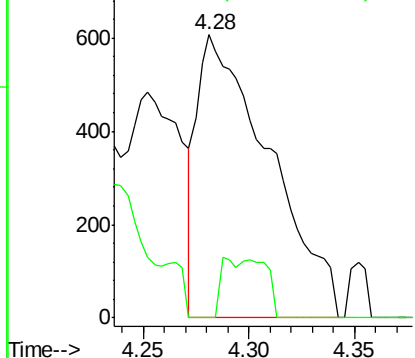


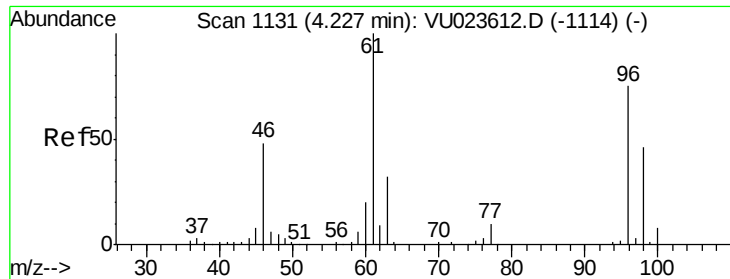
#21
2-Butanone
Concen: 0.87 ug/L
RT: 4.28 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VU023622.D
Acq: 04 May 2018 00:54

Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
72 4.9 12.3 36.8#



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





#22

cis-1,2-Dichloroethene

Concen: 15.74 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU023622.D

Acq: 04 May 2018 00:54

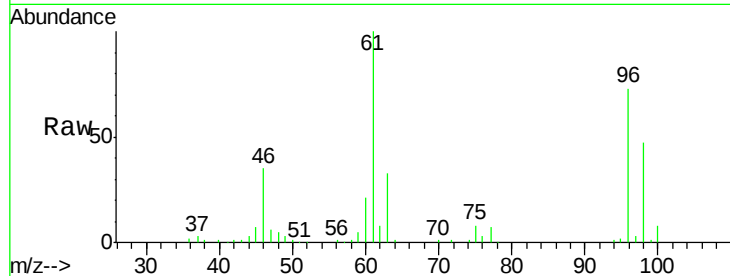
Tgt Ion: 96 Resp: 91087

Ion Ratio Lower Upper

96 100

61 136.6 94.6 175.6

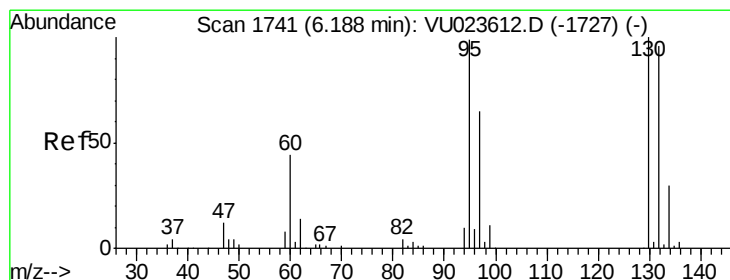
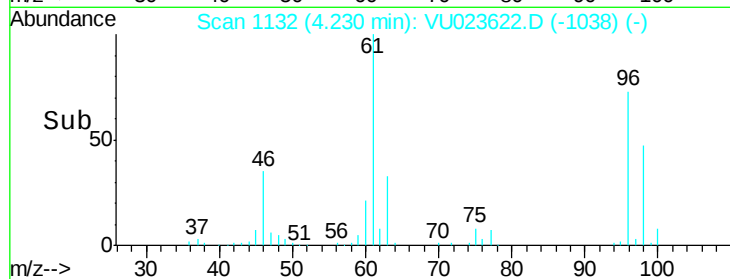
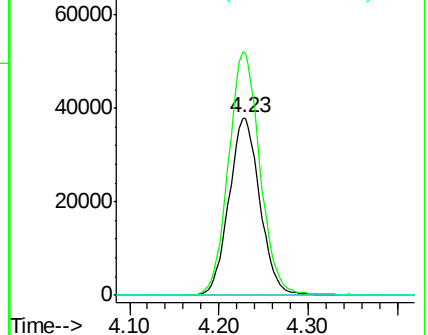
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 0.43 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU023622.D

Acq: 04 May 2018 00:54

Tgt Ion: 95 Resp: 2149

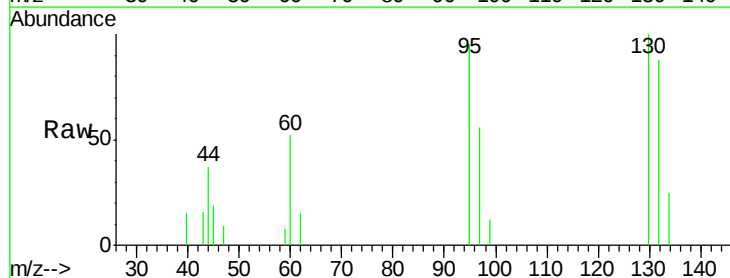
Ion Ratio Lower Upper

95 100

97 58.7 46.0 85.4

132 92.1 68.1 126.5

130 104.9 70.1 130.1

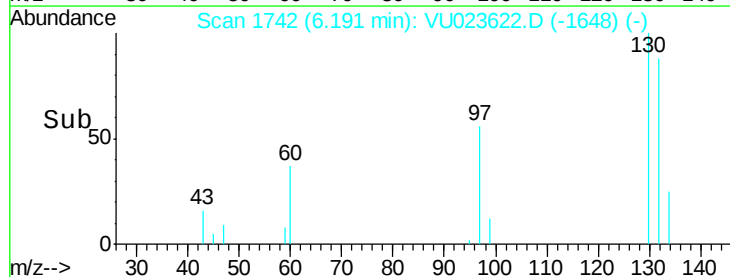
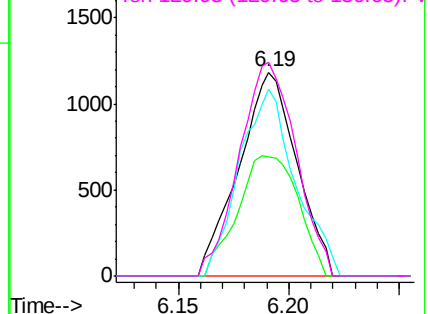


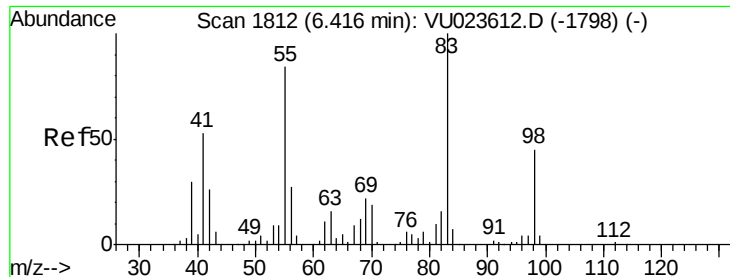
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

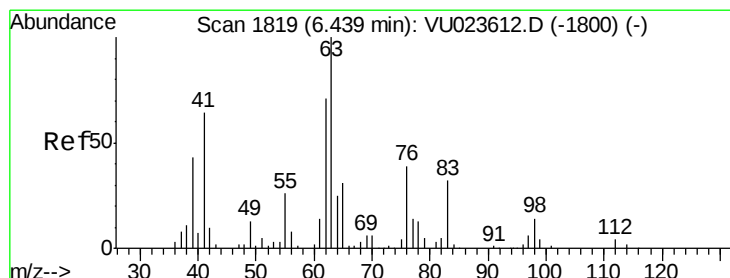
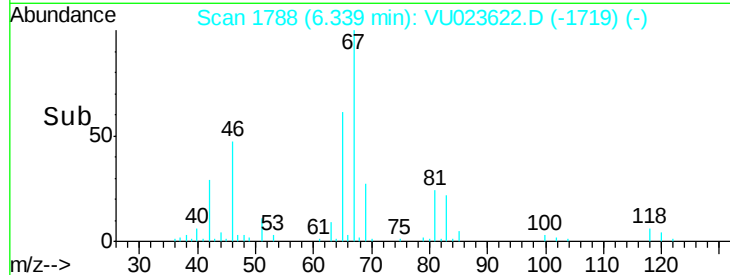
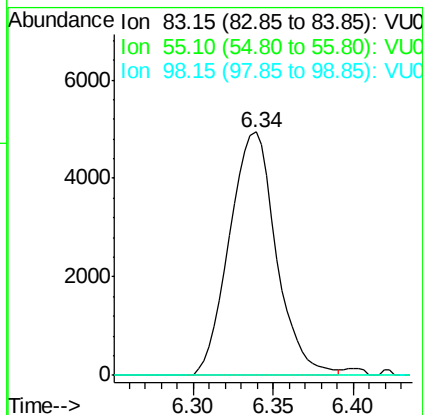
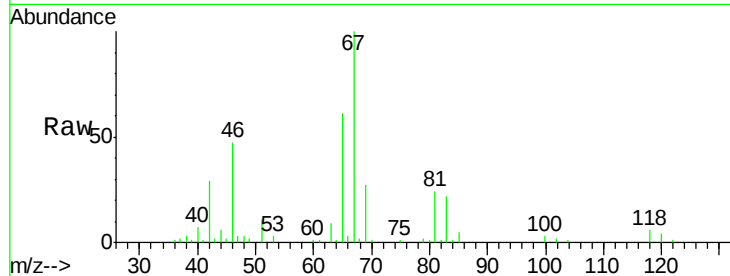
Ion 129.95 (129.65 to 130.65): V





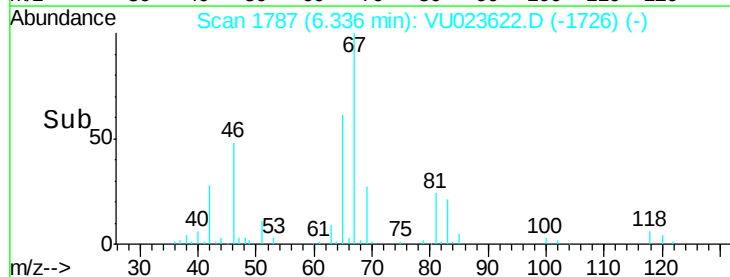
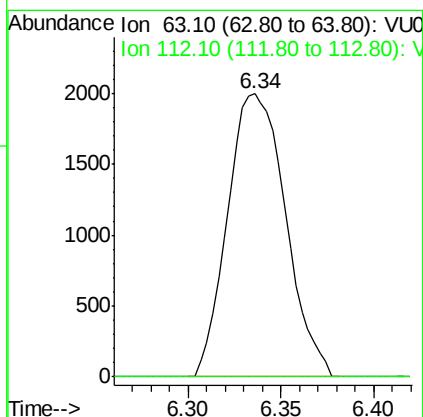
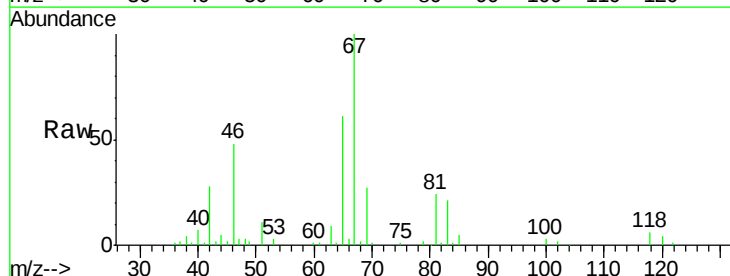
#35
Methylcyclohexane
Concen: 1.29 ug/L
RT: 6.34 min Scan# 1788
Delta R.T. -0.08 min
Lab File: VU023622.D
Acq: 04 May 2018 00:54

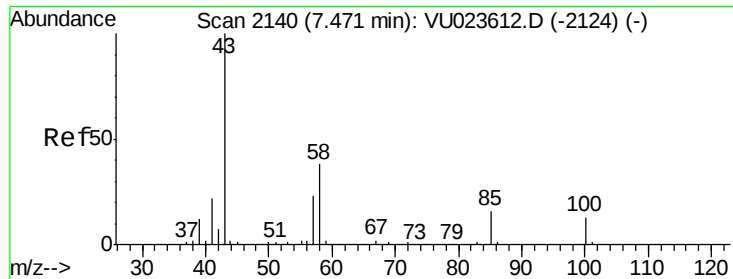
Tgt Ion: 83 Resp: 9882
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 1.0 36.7 55.1#



#37
1,2-Dichloropropane
Concen: 0.81 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023622.D
Acq: 04 May 2018 00:54

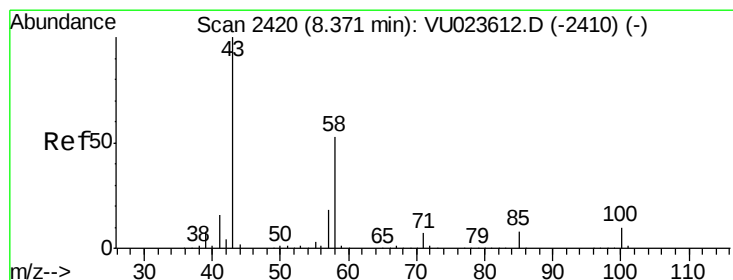
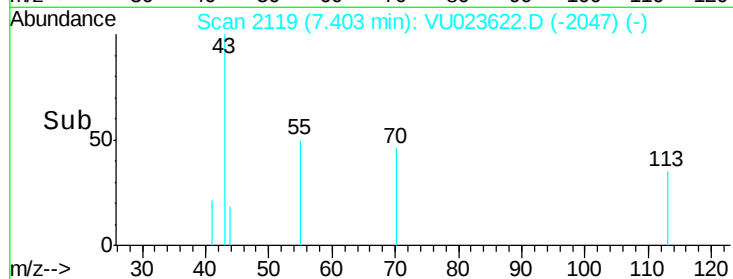
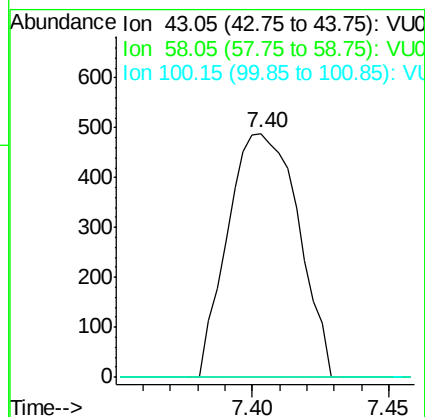
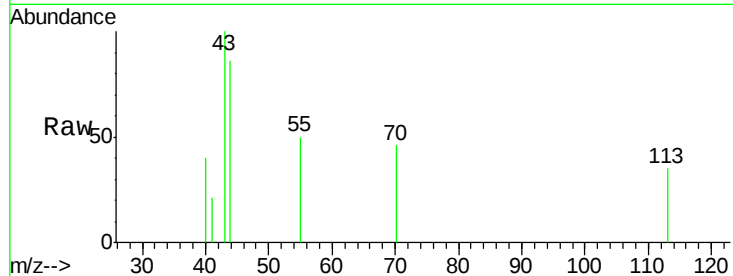
Tgt Ion: 63 Resp: 4341
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





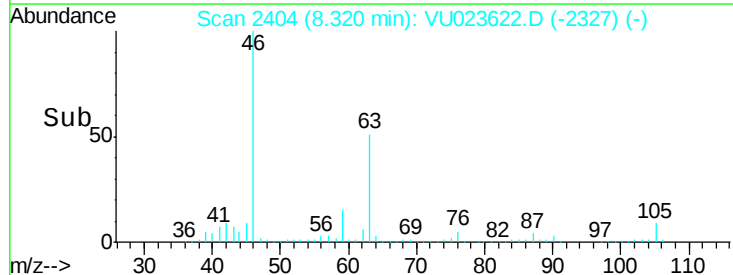
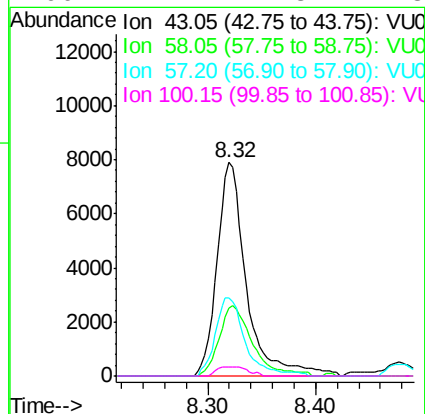
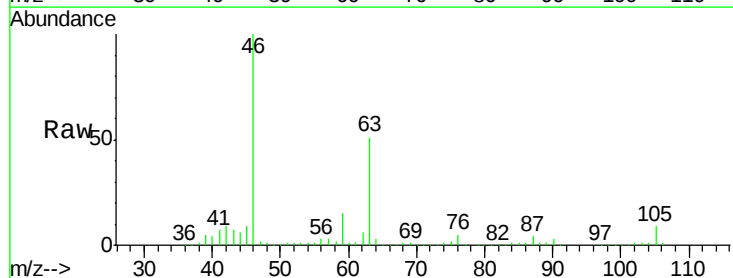
#40
 4-Methyl-2-pentanone
 Concen: 0.27 ug/L
 RT: 7.40 min Scan# 2119
 Delta R.T. -0.07 min
 Lab File: VU023622.D
 Acq: 04 May 2018 00:54

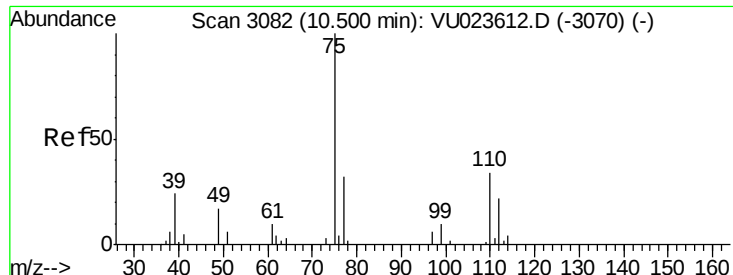
Tgt Ion: 43 Resp: 875
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.7 44.5#
 100 0.0 10.1 15.1#



#48
 2-Hexanone
 Concen: 6.28 ug/L
 RT: 8.32 min Scan# 2404
 Delta R.T. -0.05 min
 Lab File: VU023622.D
 Acq: 04 May 2018 00:54

Tgt Ion: 43 Resp: 14938
 Ion Ratio Lower Upper
 43 100
 58 37.1 42.1 63.1#
 57 36.3 14.3 21.5#
 100 4.7 7.8 11.8#





#59

1,2,3-Trichloropropane

Concen: 0.85 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023622.D

Acq: 04 May 2018 00:54

Tgt Ion: 75 Resp: 2710

Ion Ratio Lower Upper

75 100

77 37.7 26.0 39.0

