

Data File : VU023621.D
Acq On : 04 May 2018 00:26
Operator : MD/SY
Sample : J2630-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 04 04:47:06 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	87223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	82576	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	33734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28234	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	28872	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.27	63	31864	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.20	46	145393	79.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.88%#
24) Chloroform-d	4.65	84	69766	6.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.00%
26) 1,2-Dichloroethane-d4	5.32	65	43483	7.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	143.00%#
32) Benzene-d6	5.34	84	117635	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.34	67	48825	6.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	135.40%
41) Toluene-d8	7.57	98	76298	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.86	79	9975	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.32	63	93346	68.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.06%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	44017	7.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	153.20%#
64) 1,2-Dichlorobenzene-d4	11.87	152	34657	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

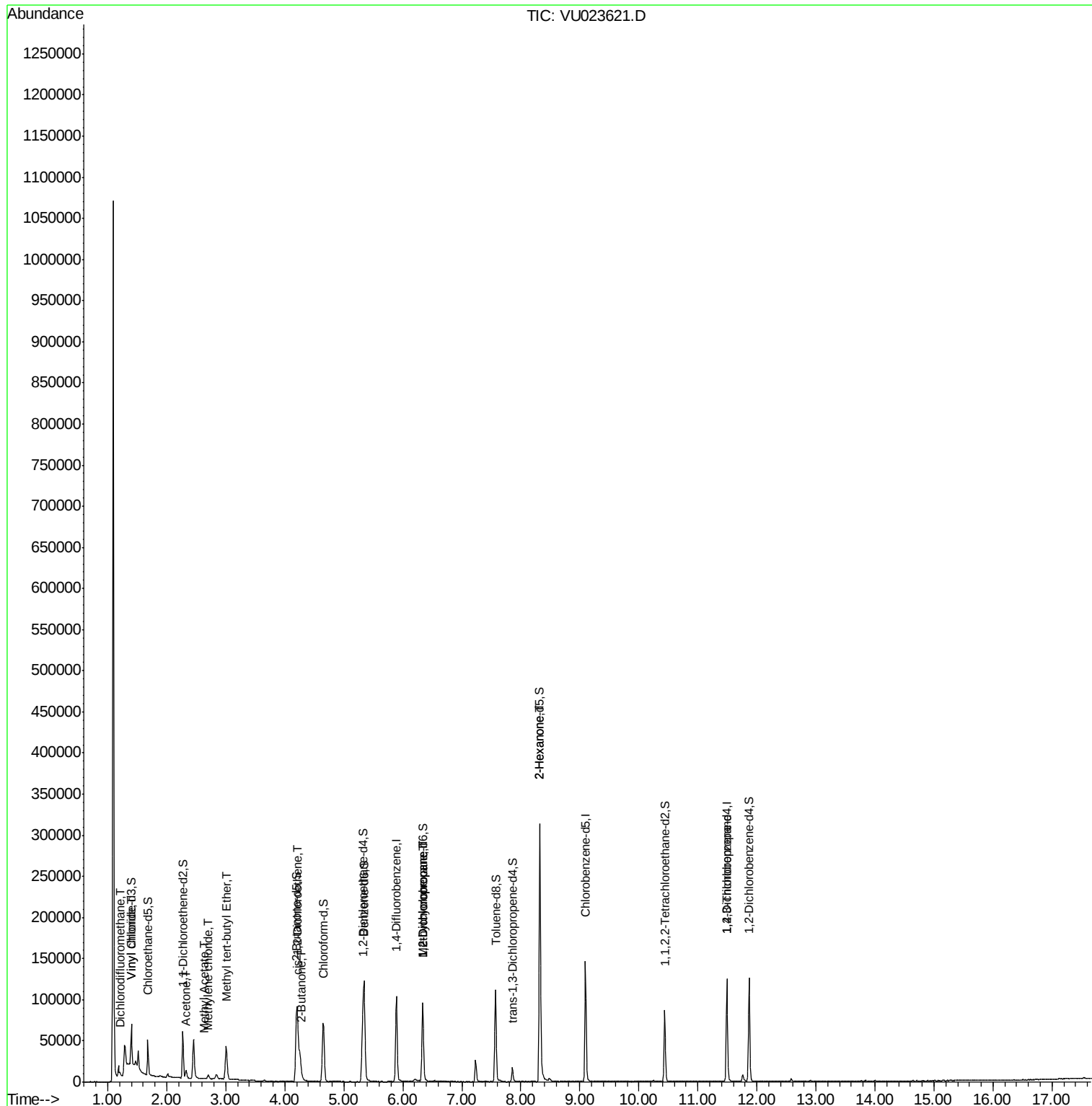
Target Compounds

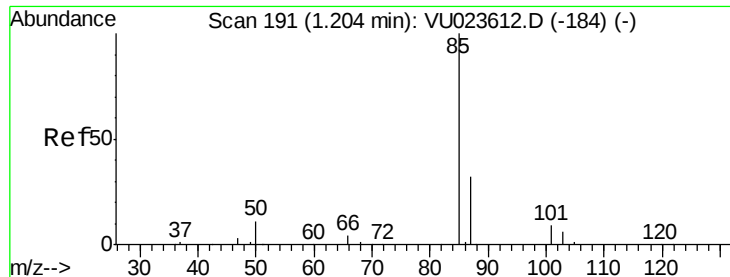
						Qvalue
2) Dichlorodifluoromethane	1.21	85	2438	0.30	ug/L	92
5) Vinyl chloride	1.40	62	3754	0.46	ug/L #	1
13) Acetone	2.33	43	10772	10.30	ug/L	96
15) Methyl Acetate	2.63	43	817	0.28	ug/L #	56
16) Methylene chloride	2.70	84	2029	0.34	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	39850	3.01	ug/L	98
21) 2-Butanone	4.29	43	3628	1.88	ug/L #	66
22) cis-1,2-Dichloroethene	4.23	96	6228	0.92	ug/L	90
35) Methylcyclohexane	6.34	83	10928	1.11	ug/L #	15
37) 1,2-Dichloropropane	6.34	63	4989	0.72	ug/L #	89
48) 2-Hexanone	8.32	43	13918	4.55	ug/L #	82
59) 1,2,3-Trichloropropane	11.49	75	4073	1.00	ug/L	94

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

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.30 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023621.D

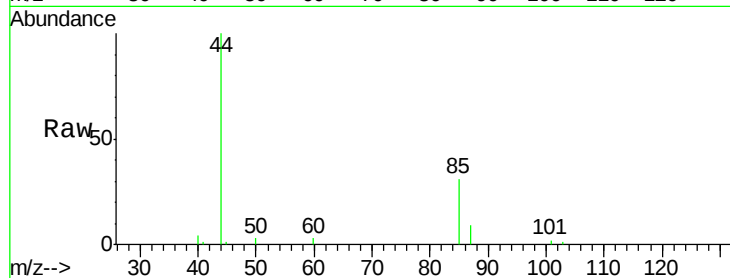
Acq: 04 May 2018 00:26

Tgt Ion: 85 Resp: 2438

Ion Ratio Lower Upper

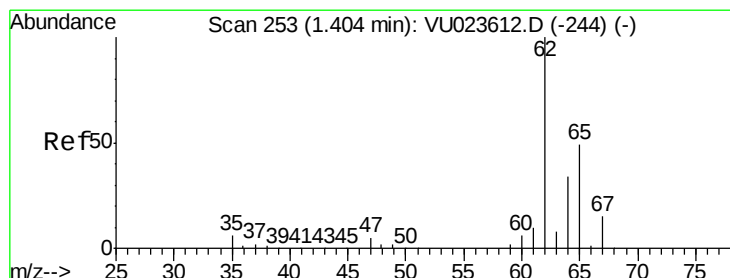
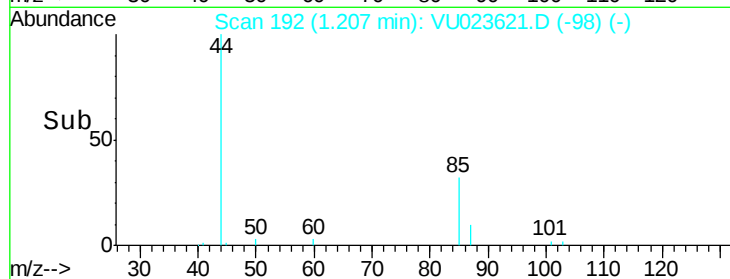
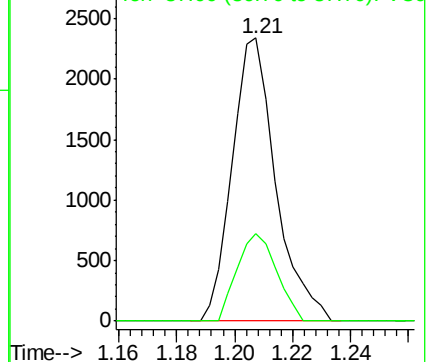
85 100

87 28.0 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: 0.46 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023621.D

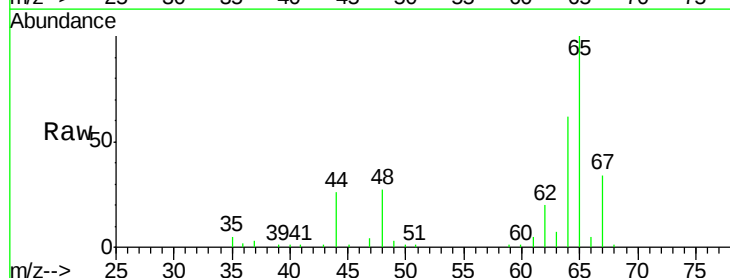
Acq: 04 May 2018 00:26

Tgt Ion: 62 Resp: 3754

Ion Ratio Lower Upper

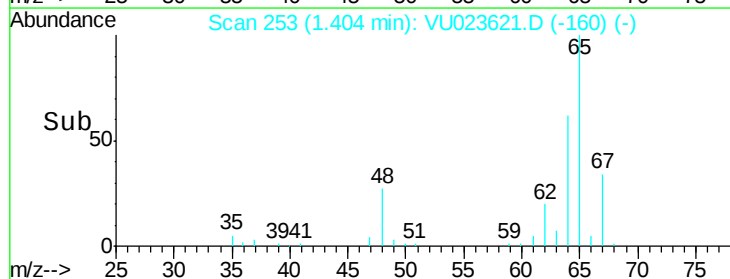
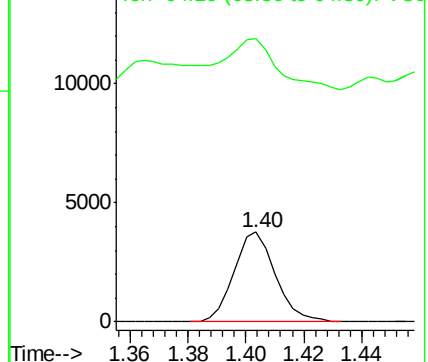
62 100

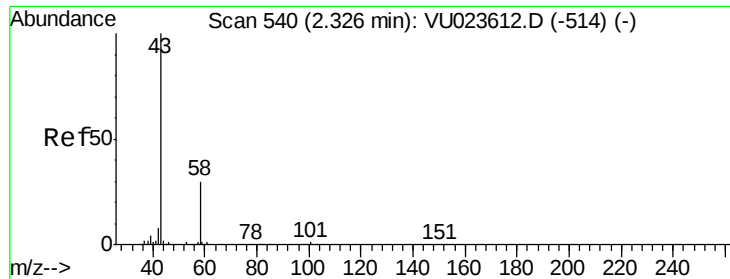
64 314.5 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#13

Acetone

Concen: 10.30 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023621.D

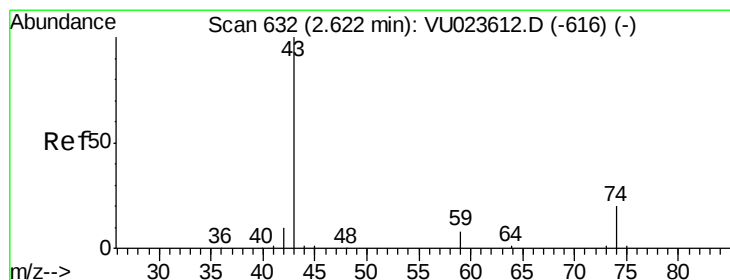
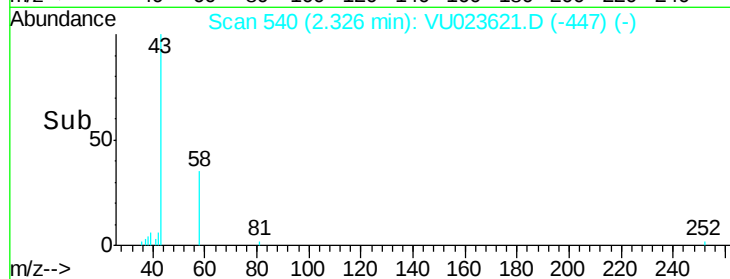
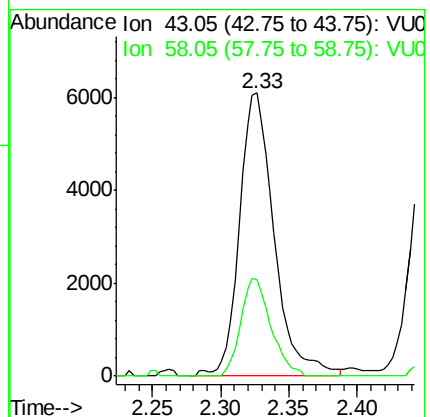
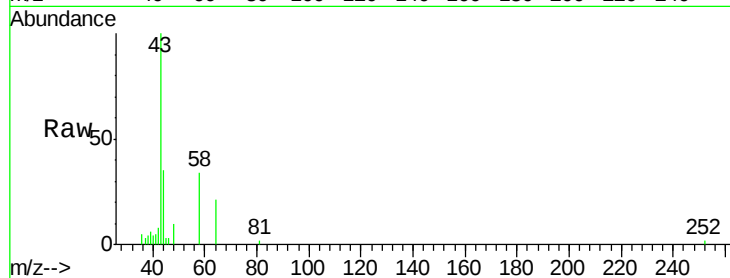
Acq: 04 May 2018 00:26

Tgt Ion: 43 Resp: 10772

Ion Ratio Lower Upper

43 100

58 29.9 0.0 63.8



#15

Methyl Acetate

Concen: 0.28 ug/L

RT: 2.63 min Scan# 634

Delta R.T. 0.01 min

Lab File: VU023621.D

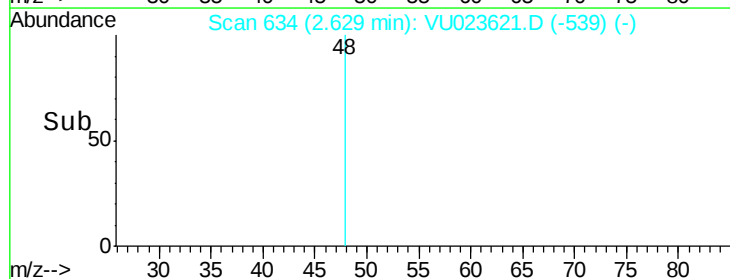
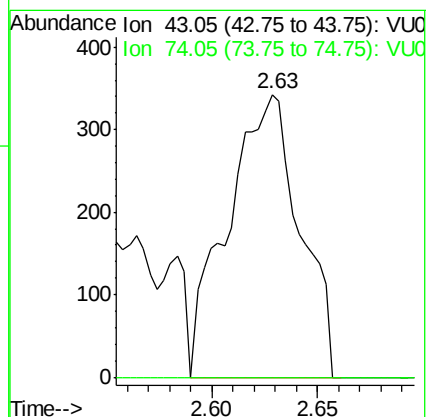
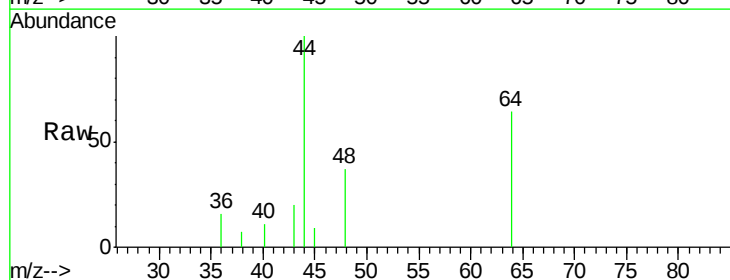
Acq: 04 May 2018 00:26

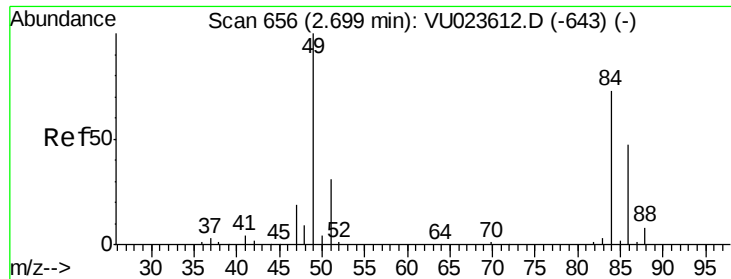
Tgt Ion: 43 Resp: 817

Ion Ratio Lower Upper

43 100

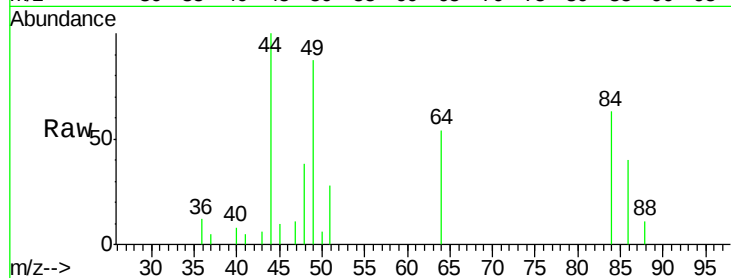
74 0.0 16.6 24.8#



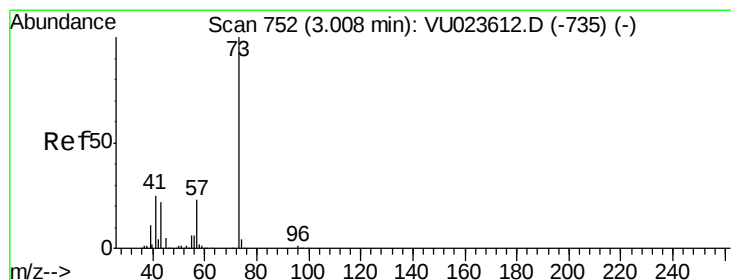
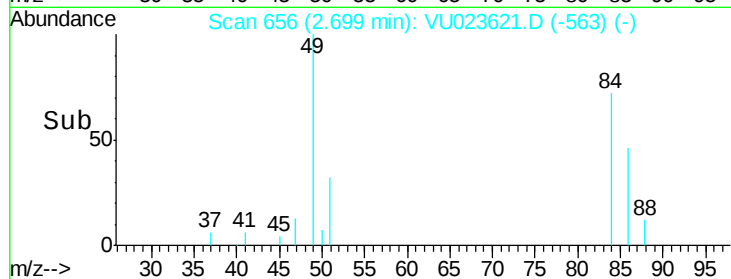
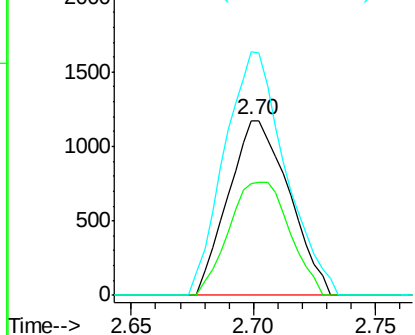


#16
Methylene chloride
Concen: 0.34 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023621.D
Acq: 04 May 2018 00:26

Tgt Ion: 84 Resp: 2029
Ion Ratio Lower Upper
84 100
86 64.1 46.0 85.4
49 139.4 96.0 178.4

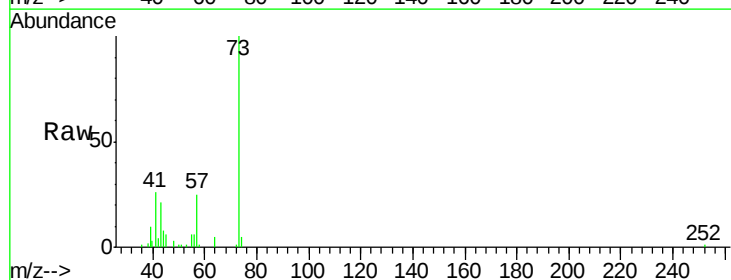


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

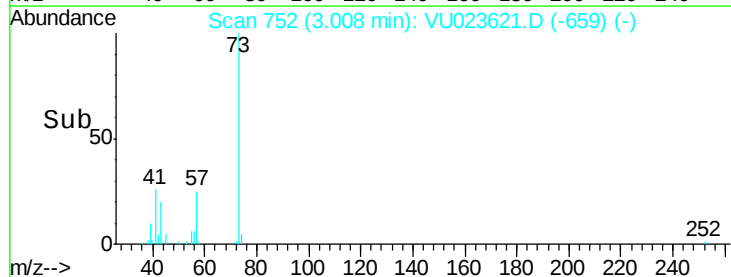
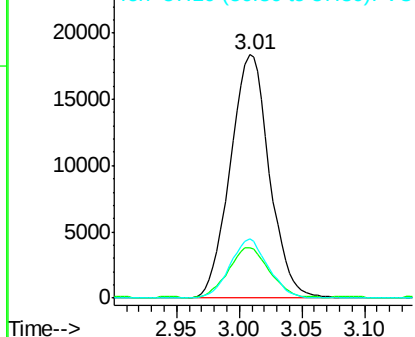


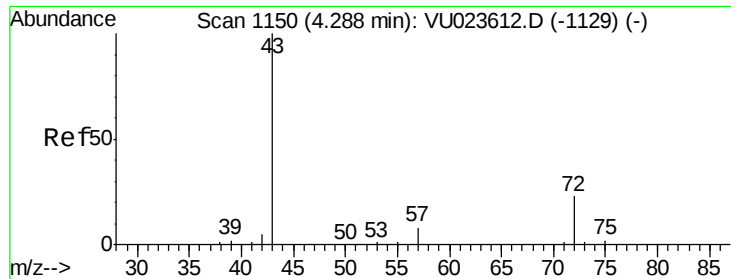
#17
Methyl tert-butyl Ether
Concen: 3.01 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023621.D
Acq: 04 May 2018 00:26

Tgt Ion: 73 Resp: 39850
Ion Ratio Lower Upper
73 100
43 22.0 16.6 25.0
57 23.4 19.4 29.0



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0





#21

2-Butanone

Concen: 1.88 ug/L

RT: 4.29 min Scan# 1150

Delta R.T. -0.00 min

Lab File: VU023621.D

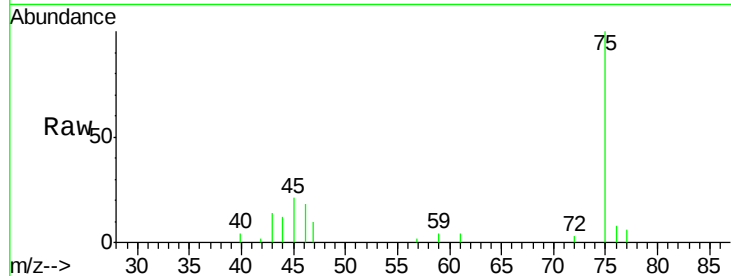
Acq: 04 May 2018 00:26

Tgt Ion: 43 Resp: 3628

Ion Ratio Lower Upper

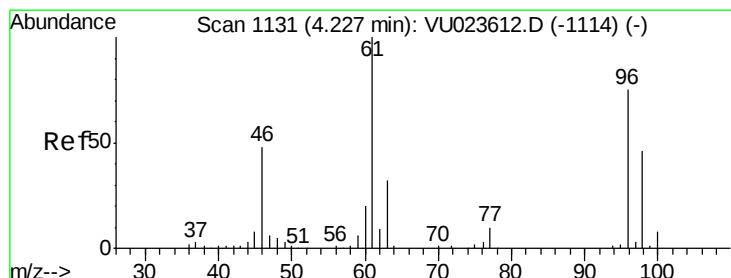
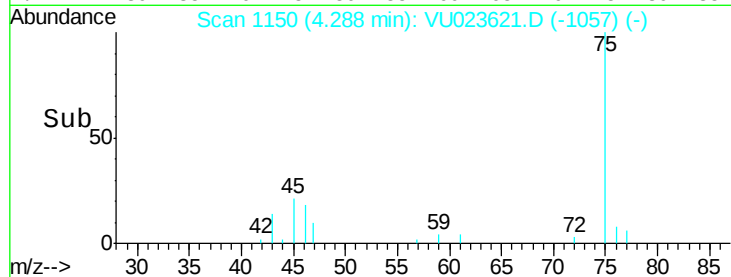
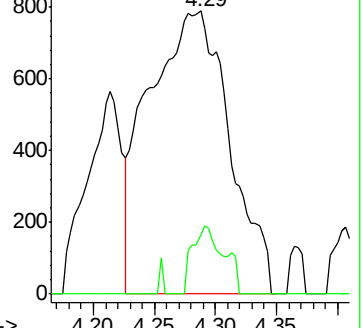
43 100

72 7.6 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: 0.92 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023621.D

Acq: 04 May 2018 00:26

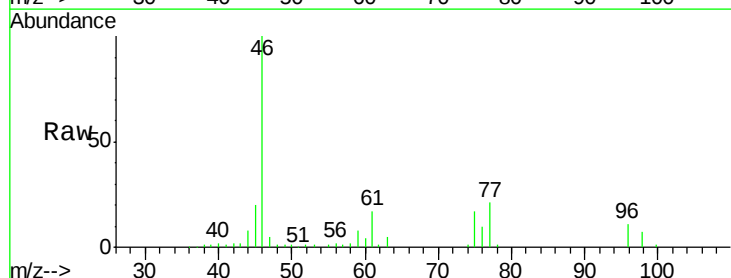
Tgt Ion: 96 Resp: 6228

Ion Ratio Lower Upper

96 100

61 147.3 94.6 175.6

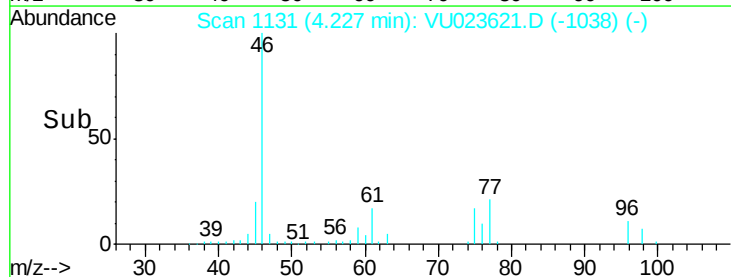
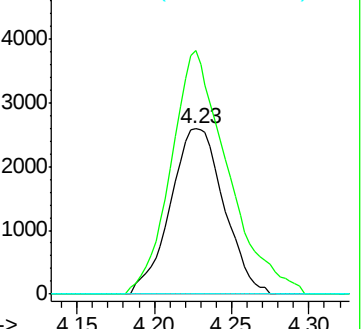
68 0.0 0.0 0.0

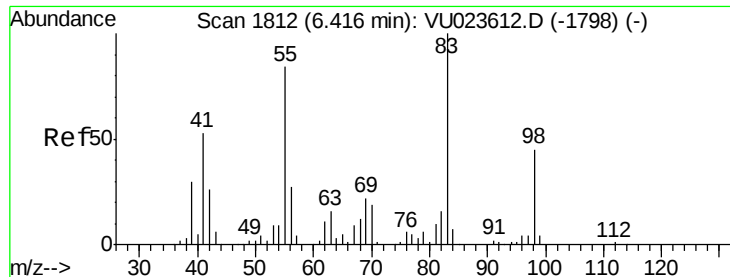


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

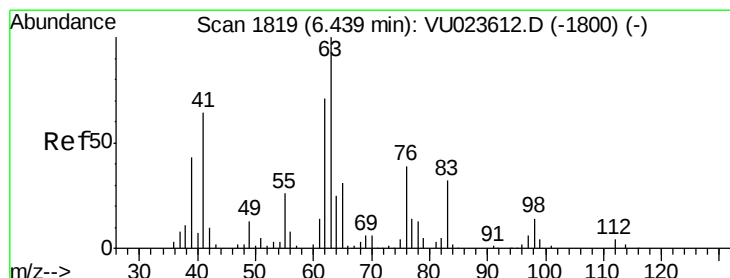
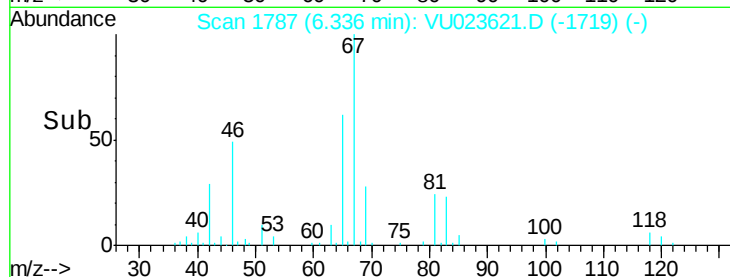
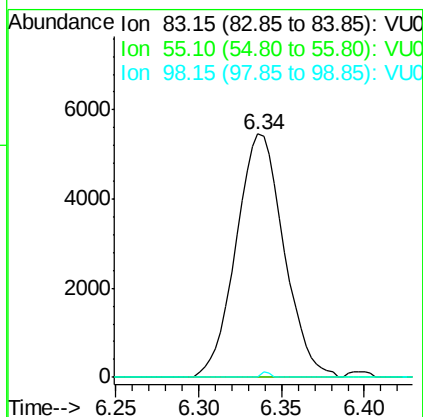
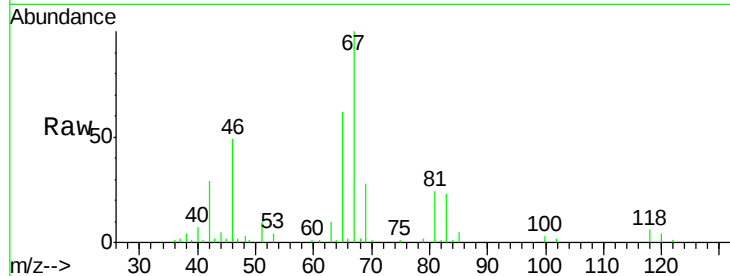
Ion 68.15 (67.85 to 68.85): VU0





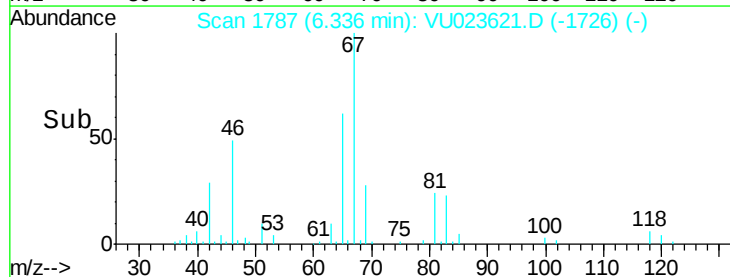
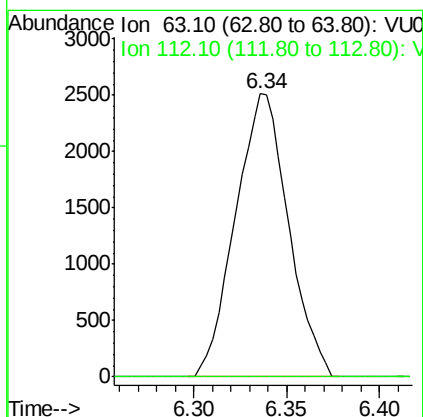
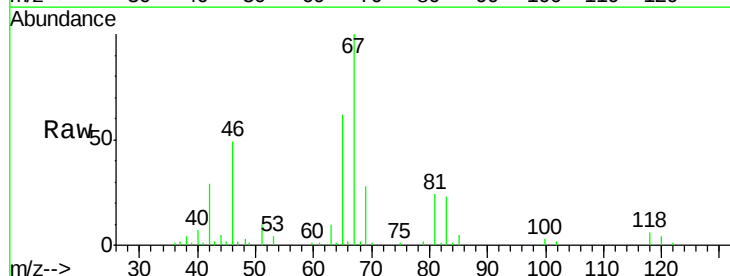
#35
Methylcyclohexane
Concen: 1.11 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023621.D
Acq: 04 May 2018 00:26

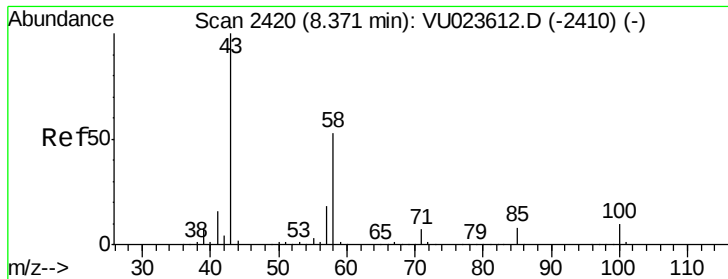
Tgt Ion: 83 Resp: 10928
Ion Ratio Lower Upper
83 100
55 0.0 68.4 102.6#
98 0.4 36.7 55.1#



#37
1,2-Dichloropropane
Concen: 0.72 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023621.D
Acq: 04 May 2018 00:26

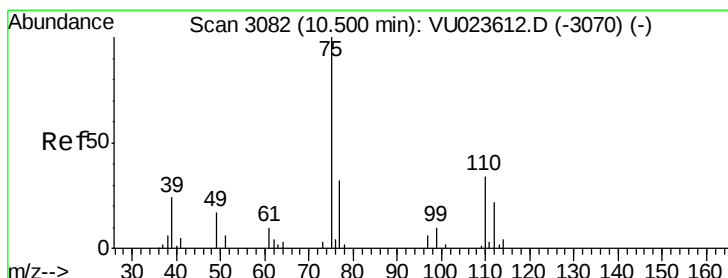
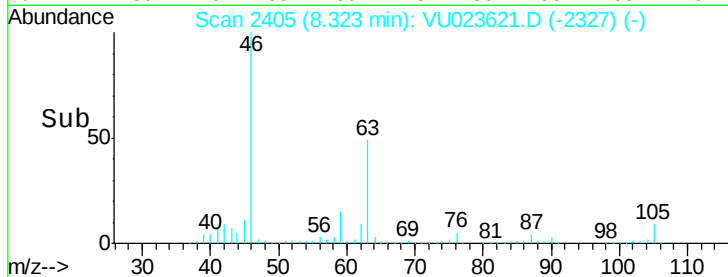
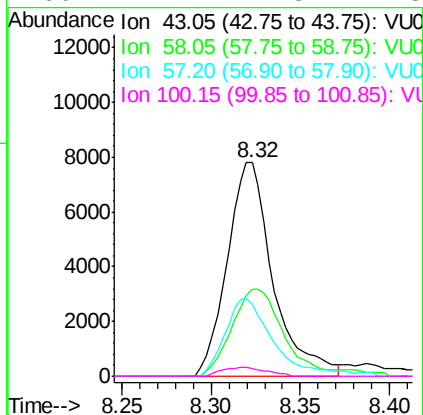
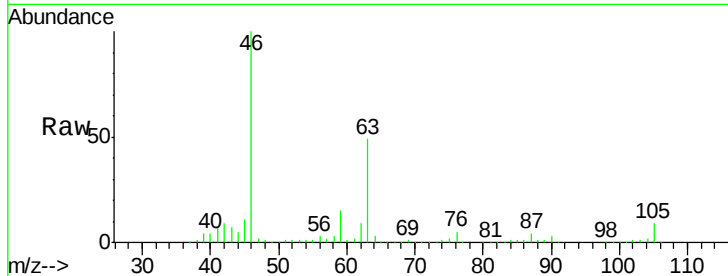
Tgt Ion: 63 Resp: 4989
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#48
 2-Hexanone
 Concen: 4.55 ug/L
 RT: 8.32 min Scan# 2405
 Delta R.T. -0.05 min
 Lab File: VU023621.D
 Acq: 04 May 2018 00:26

Tgt Ion:	43	Resp:	13918
Ion	Ratio	Lower	Upper
43	100		
58	45.9	42.1	63.1
57	38.1	14.3	21.5#
100	4.2	7.8	11.8#



#59
 1,2,3-Trichloropropane
 Concen: 1.00 ug/L
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.99 min
 Lab File: VU023621.D
 Acq: 04 May 2018 00:26

Tgt Ion:	75	Resp:	4073
Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.0	39.0

