

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023619.D
 Acq On : 03 May 2018 23:32
 Operator : MD/SY
 Sample : J2630-12
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 05:04:13 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	146656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143074	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	57824	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154434	14.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	290.40%#
7) Chloroethane-d5	1.68	69	38724	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	70659	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.20	46	149559	48.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.65	84	88823	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.32	65	48214	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	171612	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.34	67	59291	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.57	98	140094	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	7.86	79	12942	2.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.20%
46) 2-Hexanone-d5	8.32	63	99310	42.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46756	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.87	152	51833	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

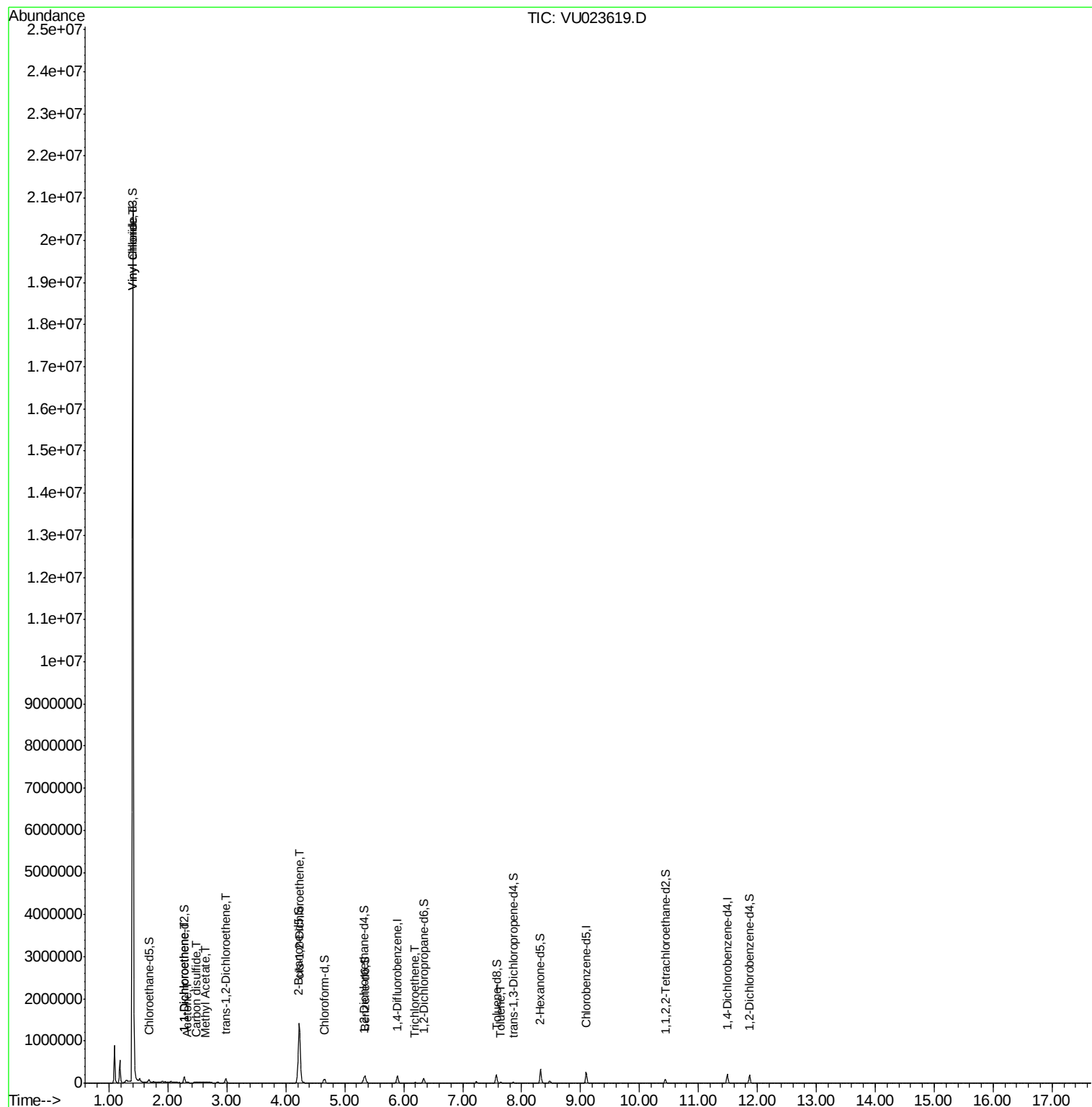
Target Compounds

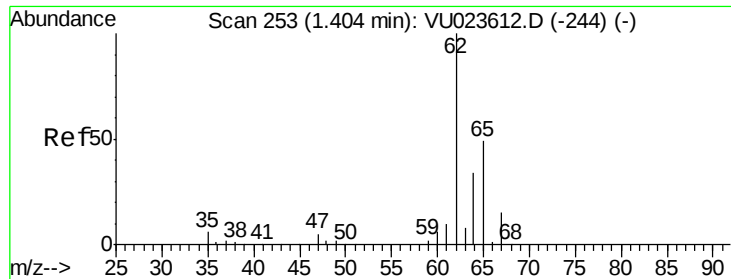
						Ovalue
5) Vinyl chloride	1.40	62	12113619	883.50	ug/L	87
12) 1,1-Dichloroethene	2.28	96	16305	1.89	ug/L	# 48
13) Acetone	2.33	43	21204	12.06	ug/L	96
14) Carbon disulfide	2.48	76	26706	0.86	ug/L	99
15) Methyl Acetate	2.63	43	3723	0.75	ug/L	# 70
18) trans-1,2-Dichloroethene	2.98	96	33795	3.54	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	752426	66.35	ug/L	98
34) Trichloroethene	6.19	95	4824	0.43	ug/L	97
42) Toluene	7.64	91	11552	0.26	ug/L	98

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

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#5

Vinyl chloride

Concen: 883.50 ug/L

RT: 1.40 min Scan# 251

Delta R.T. -0.01 min

Lab File: VU023619.D

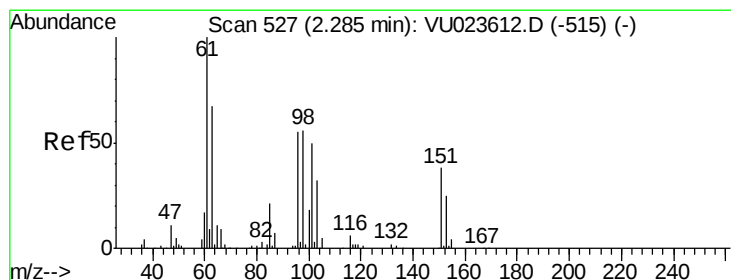
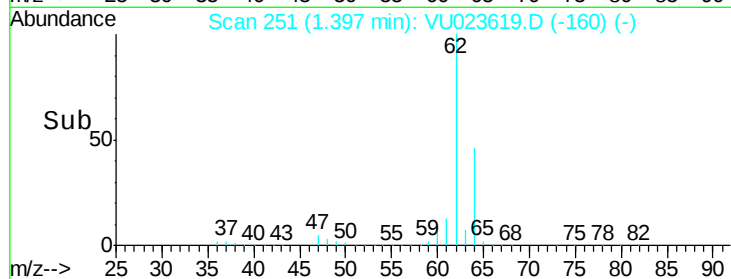
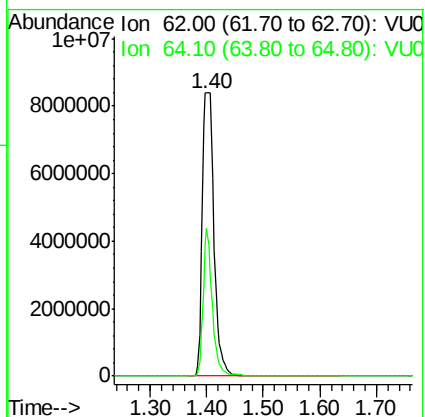
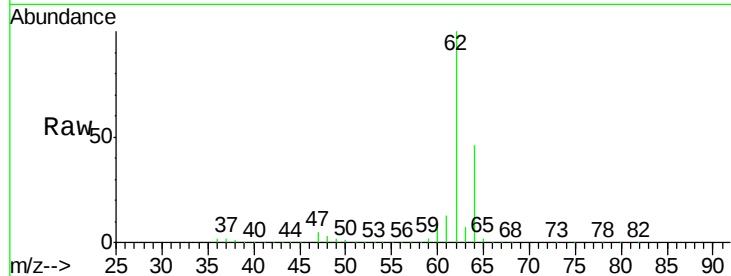
Acq: 03 May 2018 23:32

Tot Ion: 62 Resp: 12113619

Ion Ratio Lower Upper

62 100

64 46.3 26.9 49.9



#12

1,1-Dichloroethene

Concen: 1.89 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023619.D

Acq: 03 May 2018 23:32

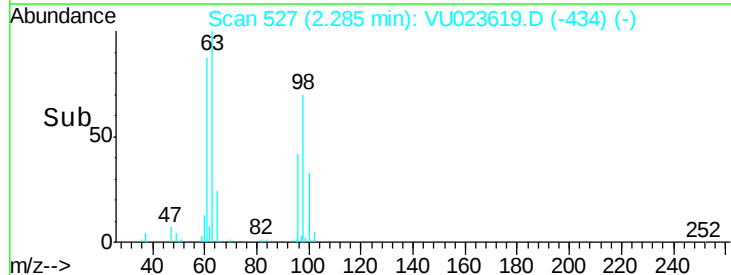
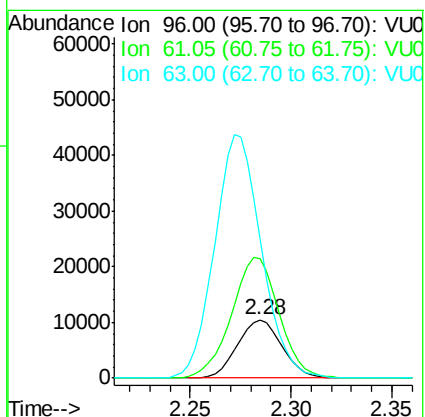
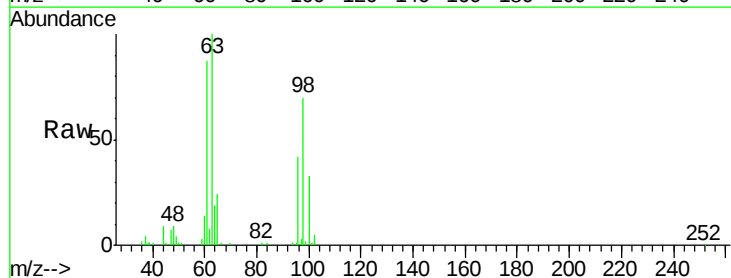
Tgt Ion: 96 Resp: 16305

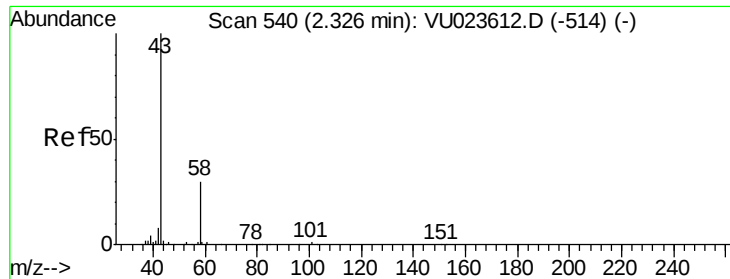
Ion Ratio Lower Upper

96 100

61 205.9 127.4 236.6

63 238.0 84.8 157.4#





#13

Acetone

Concen: 12.06 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023619.D

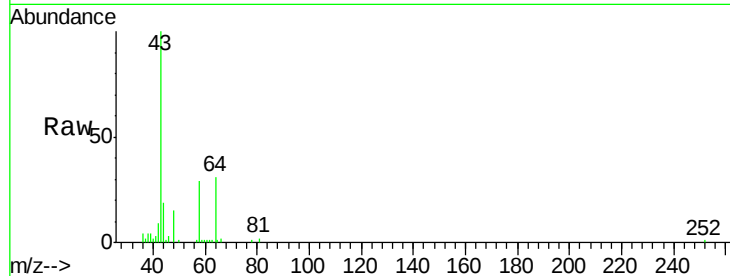
Acq: 03 May 2018 23:32

Tot Ion: 43 Resp: 21204

Ion Ratio Lower Upper

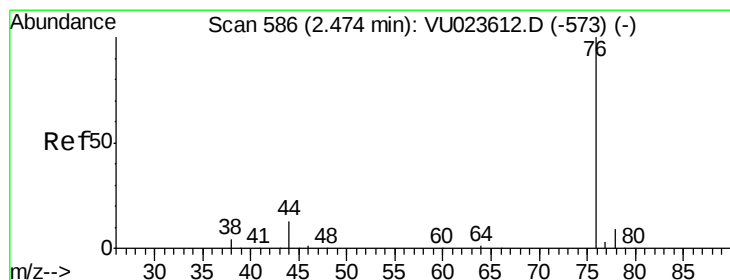
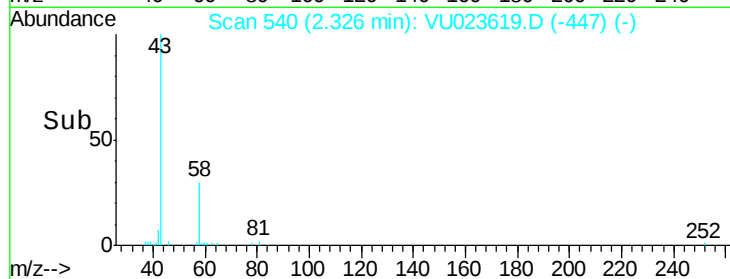
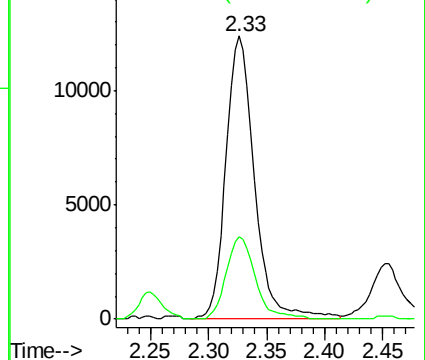
43 100

58 29.6 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#14

Carbon disulfide

Concen: 0.86 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU023619.D

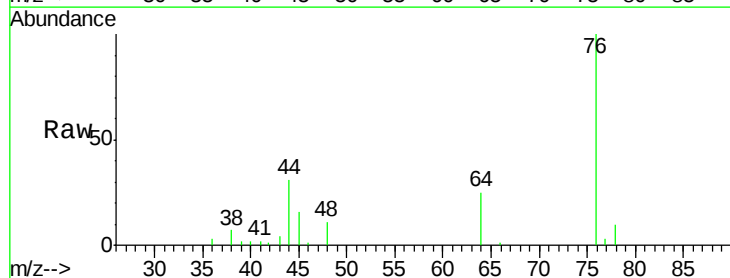
Acq: 03 May 2018 23:32

Tgt Ion: 76 Resp: 26706

Ion Ratio Lower Upper

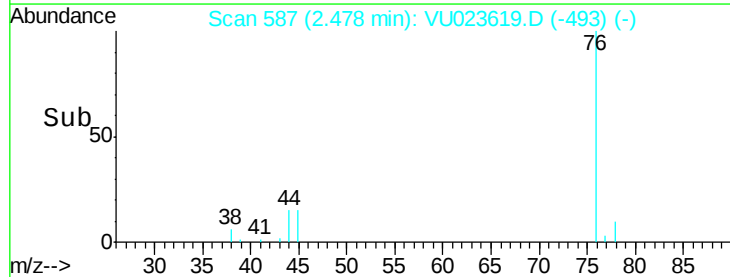
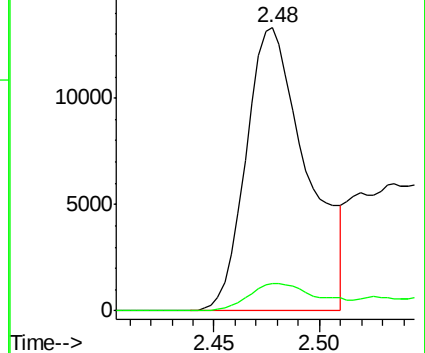
76 100

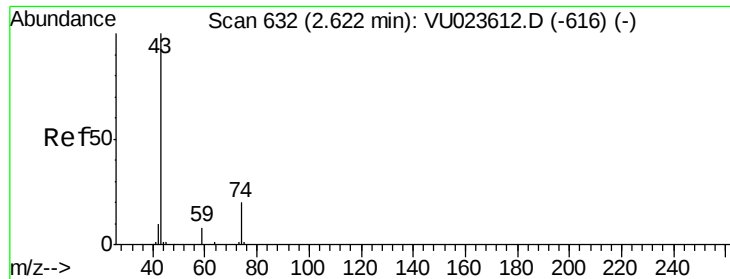
78 9.7 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

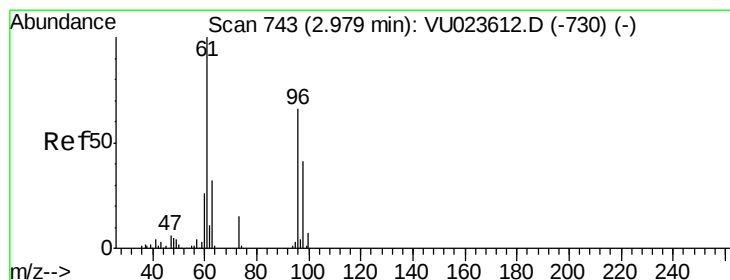
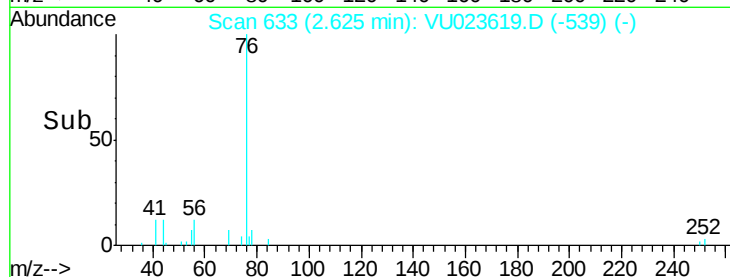
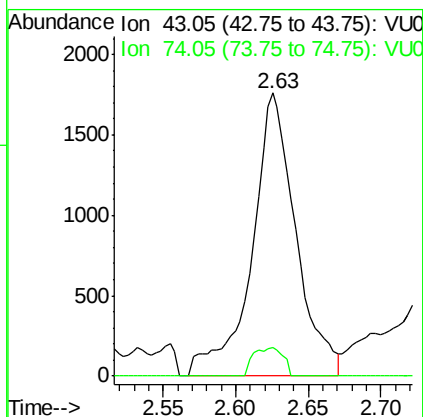
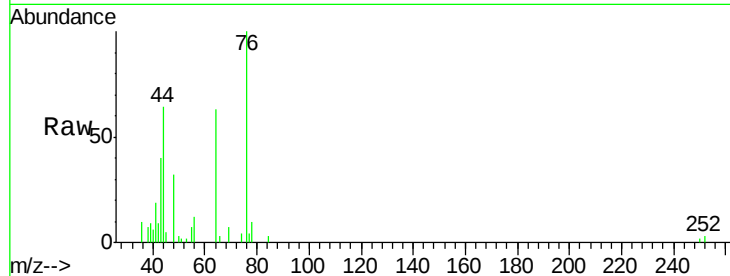
Ion 78.00 (77.70 to 78.70): VU0





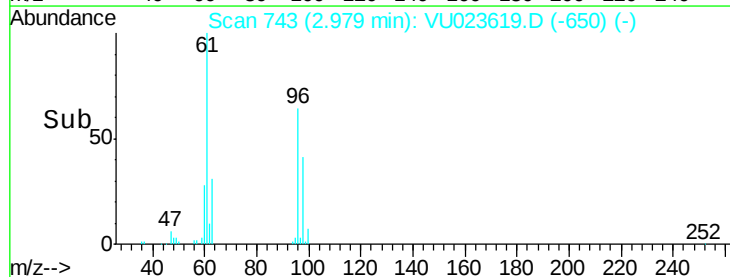
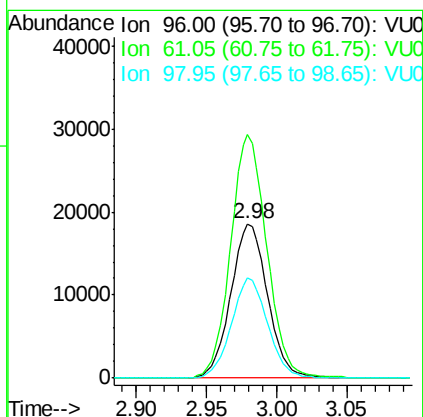
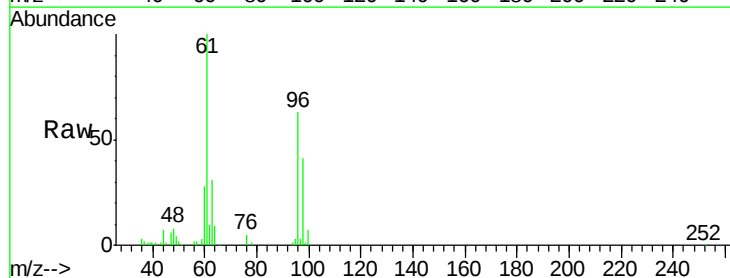
#15
Methvl Acetate
Concen: 0.75 ug/L
RT: 2.63 min Scan# 633
Delta R.T. 0.00 min
Lab File: VU023619.D
Acq: 03 May 2018 23:32

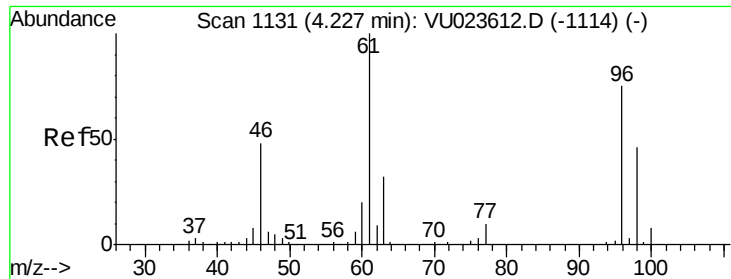
Tot Ion: 43 Resp: 3723
Ion Ratio Lower Upper
43 100
74 6.8 16.6 24.8#



#18
trans-1,2-Dichloroethene
Concen: 3.54 ug/L
RT: 2.98 min Scan# 743
Delta R.T. -0.00 min
Lab File: VU023619.D
Acq: 03 May 2018 23:32

Tgt Ion: 96 Resp: 33795
Ion Ratio Lower Upper
96 100
61 157.7 109.0 202.4
98 64.7 44.7 83.1

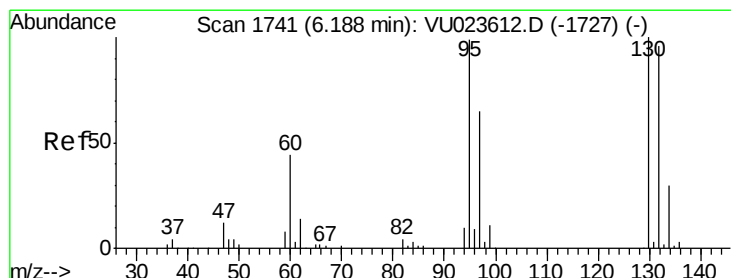
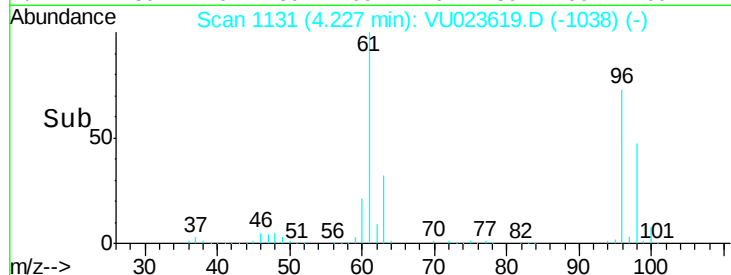
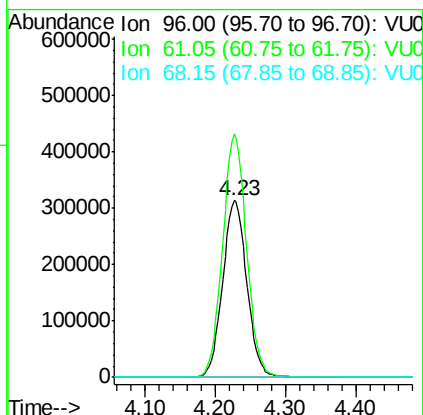
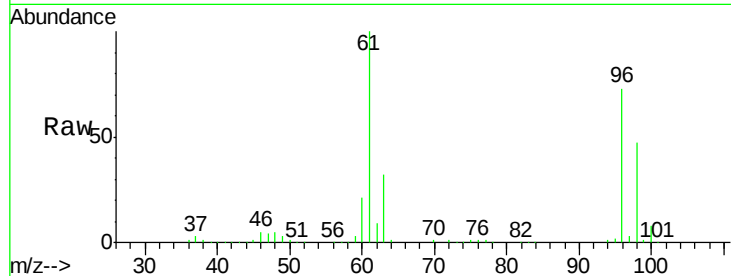




#22
 cis-1,2-Dichloroethene
 Concen: 66.35 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU023619.D
 Acq: 03 May 2018 23:32

Tot Ion: 96 Resp: 752426

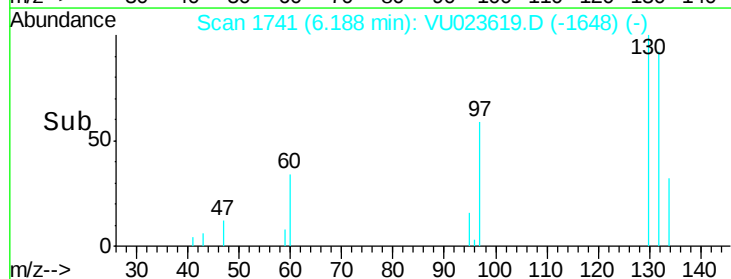
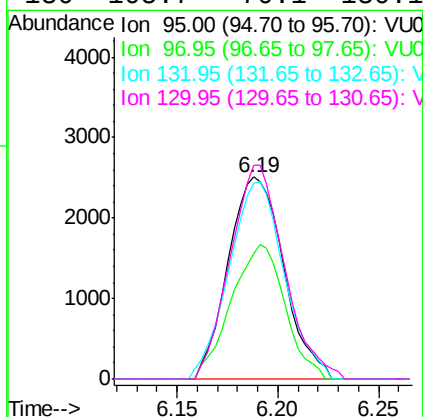
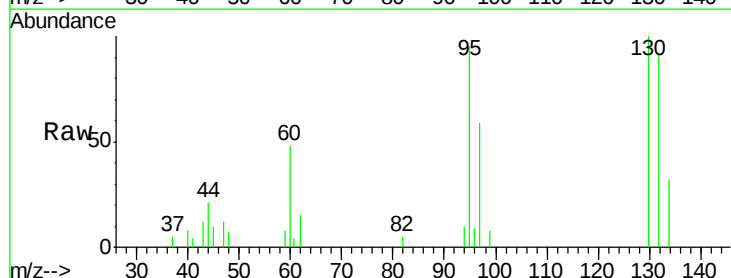
Ion	Ratio	Lower	Upper
96	100		
61	137.5	94.6	175.6
68	0.0	0.0	0.0

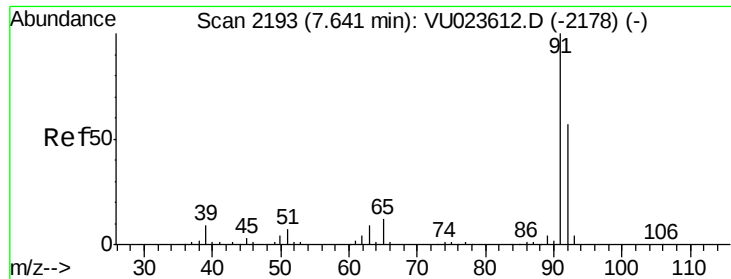


#34
 Trichloroethene
 Concen: 0.43 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023619.D
 Acq: 03 May 2018 23:32

Tgt Ion: 95 Resp: 4824

Ion	Ratio	Lower	Upper
95	100		
97	62.4	46.0	85.4
132	97.1	68.1	126.5
130	105.7	70.1	130.1





#42

Toluene

Concen: 0.26 ug/L

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU023619.D

Acq: 03 May 2018 23:32

Tot Ion: 91 Resp: 11552

Ion Ratio Lower Upper

91 100

92 58.2 40.0 74.2

