

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023627.D
 Acq On : 04 May 2018 03:09
 Operator : MD/SY
 Sample : J2630-20
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 04 05:32:57 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	88137	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	79385	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	27317	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35195	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.68	69	29596	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.60%
11) 1,1-Dichloroethene-d2	2.27	63	35875	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.21	46	153143	82.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.60%#
24) Chloroform-d	4.65	84	71080	6.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.00%
26) 1,2-Dichloroethane-d4	5.32	65	43493	7.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	141.60%#
32) Benzene-d6	5.34	84	118931	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.34	67	49935	7.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	144.00%#
41) Toluene-d8	7.57	98	72798	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.86	79	9991	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.32	63	107978	82.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	164.92%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	42997	7.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	155.80%#
64) 1,2-Dichlorobenzene-d4	11.87	152	29975	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

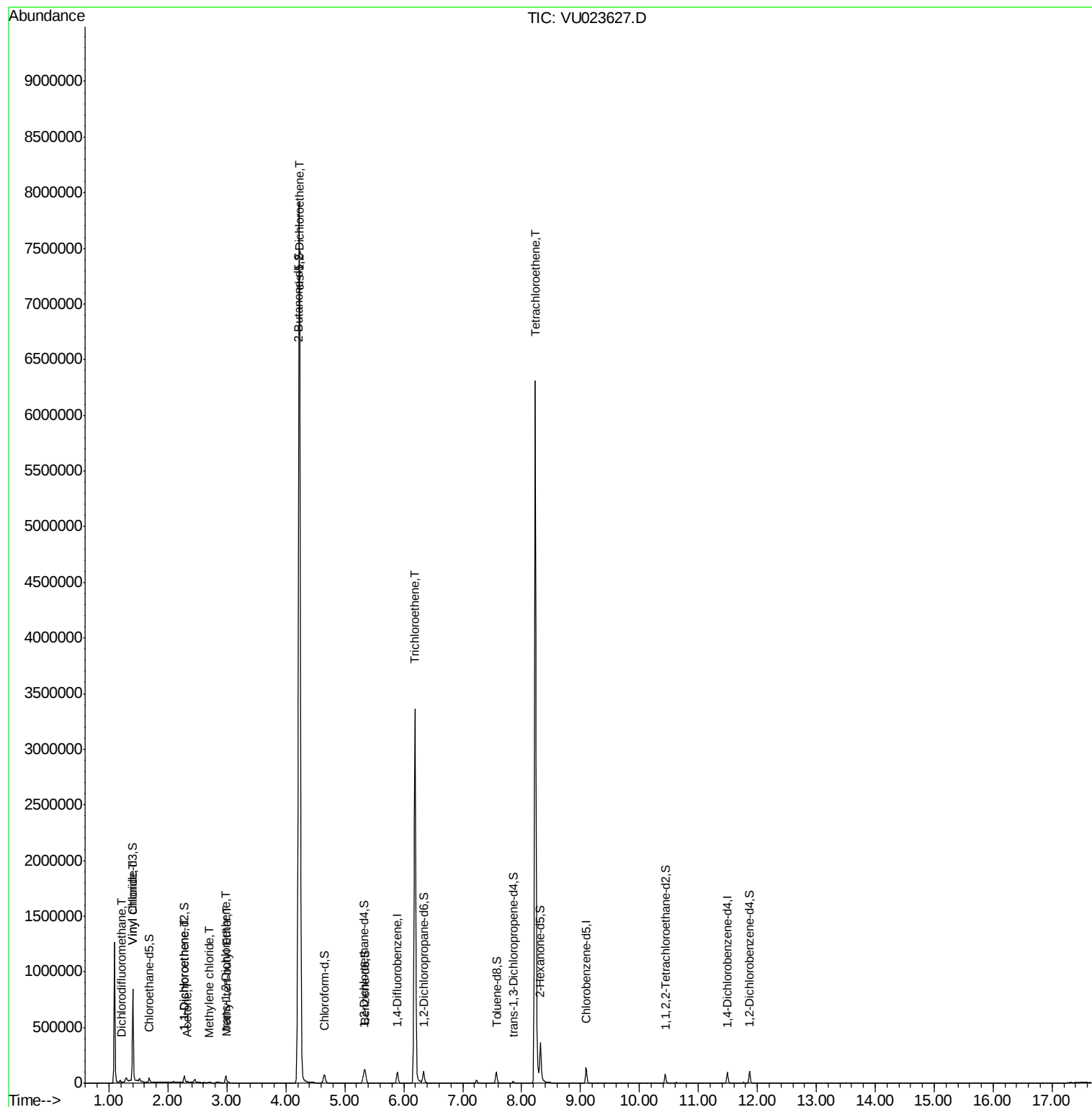
Target Compounds

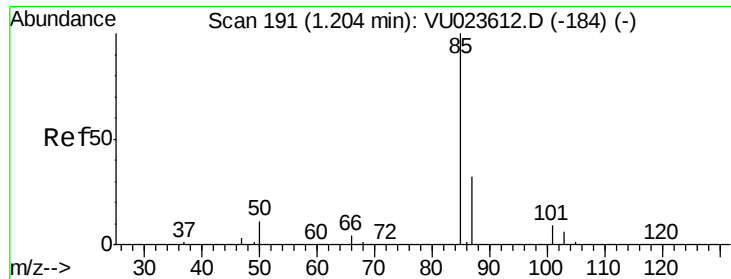
						Ovalue
2) Dichlorodifluoromethane	1.20	85	2419	0.29	ug/L	92
5) Vinyl chloride	1.40	62	495978	60.19	ug/L	93
12) 1,1-Dichloroethene	2.28	96	5686	1.10	ug/L #	8
13) Acetone	2.33	43	10628	10.06	ug/L	96
16) Methylene chloride	2.70	84	1692	0.28	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	3580	0.27	ug/L #	79
18) trans-1,2-Dichloroethene	2.98	96	23089	4.02	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	4273035	626.96	ug/L	96
34) Trichloroethene	6.19	95	1181297	189.61	ug/L	99
47) Tetrachloroethene	8.23	164	1501651	304.35	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 0.29 ug/L

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU023627.D

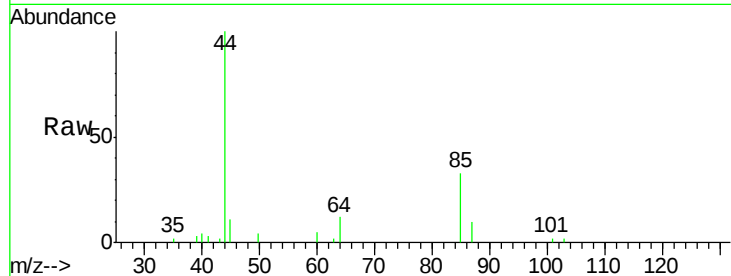
Acq: 04 May 2018 03:09

Tot Ion: 85 Resp: 2419

Ion Ratio Lower Upper

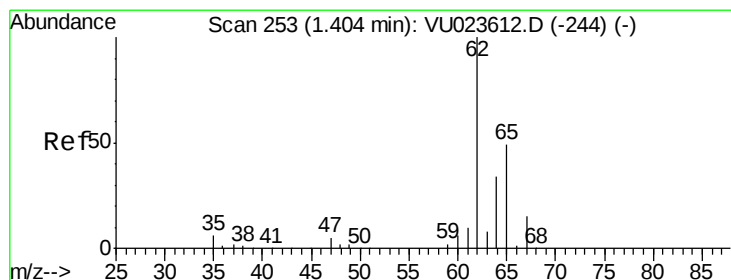
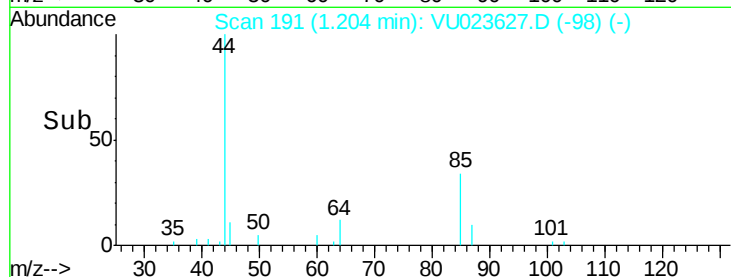
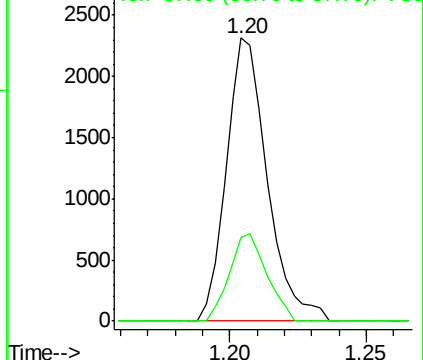
85 100

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: 60.19 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023627.D

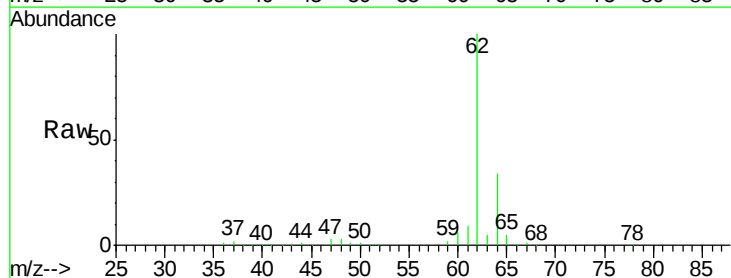
Acq: 04 May 2018 03:09

Tgt Ion: 62 Resp: 495978

Ion Ratio Lower Upper

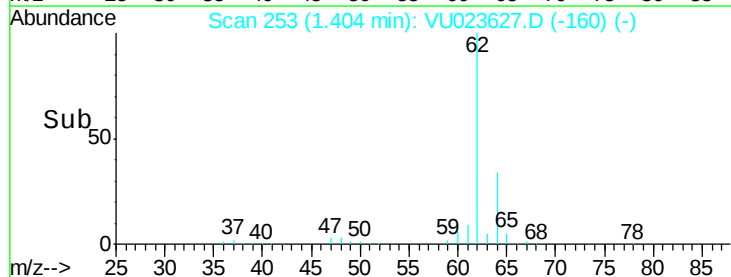
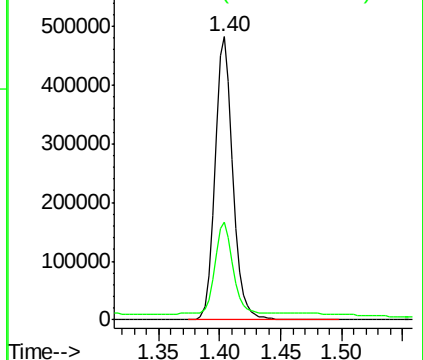
62 100

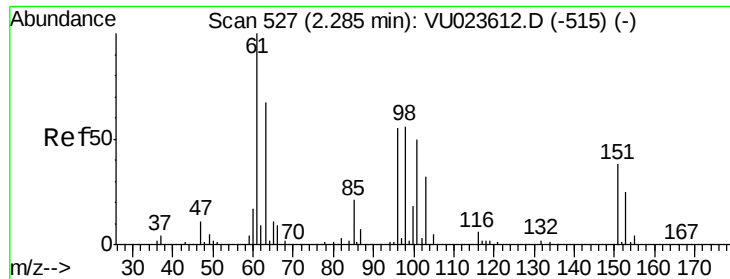
64 34.4 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#12

1,1-Dichloroethene

Concen: 1.10 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023627.D

Acq: 04 May 2018 03:09

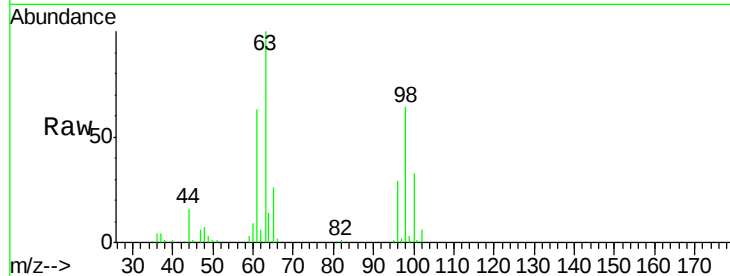
Tot Ion: 96 Resp: 5686

Ion Ratio Lower Upper

96 100

61 213.8 127.4 236.6

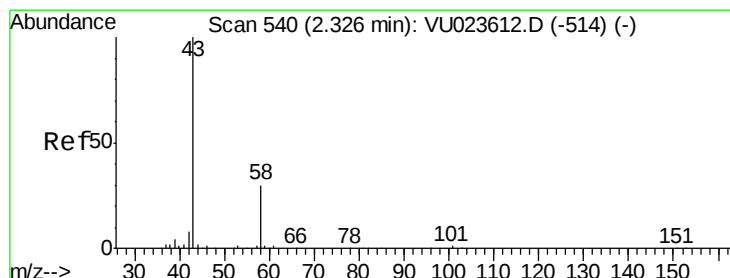
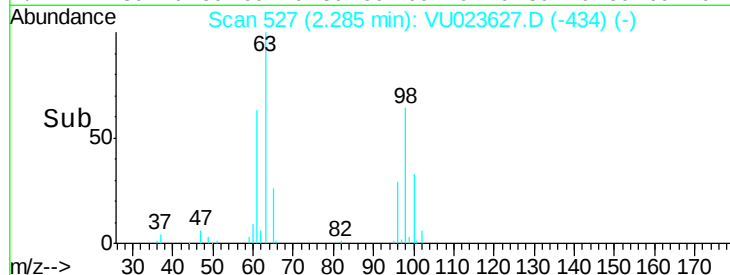
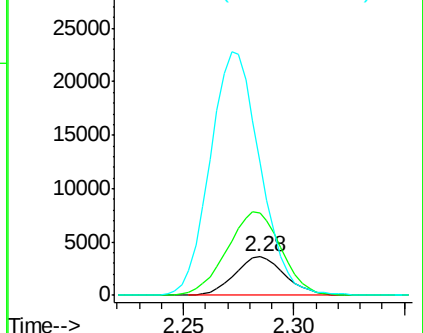
63 341.9 84.8 157.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 10.06 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023627.D

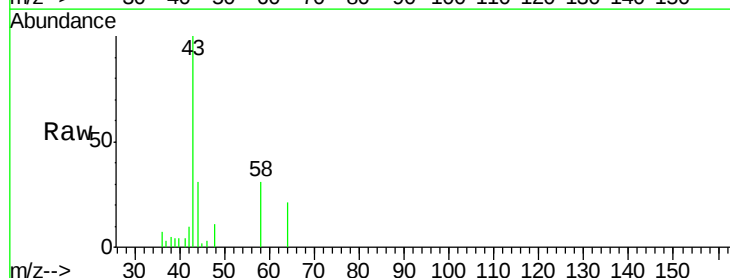
Acq: 04 May 2018 03:09

Tgt Ion: 43 Resp: 10628

Ion Ratio Lower Upper

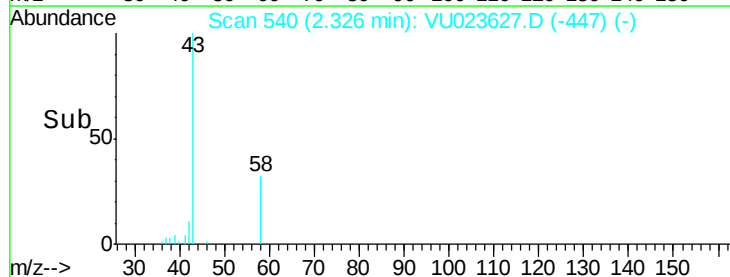
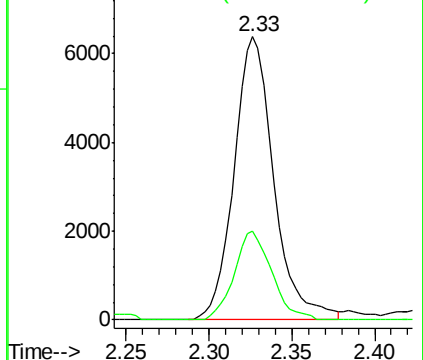
43 100

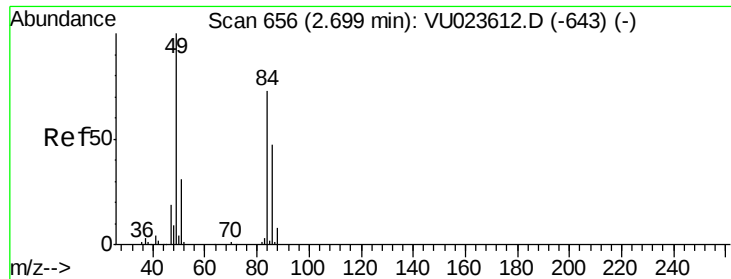
58 29.5 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

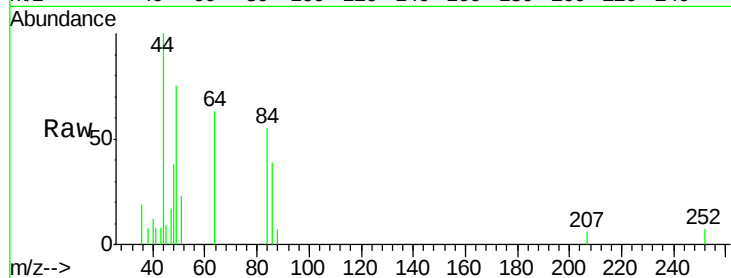
Ion 58.05 (57.75 to 58.75): VU0



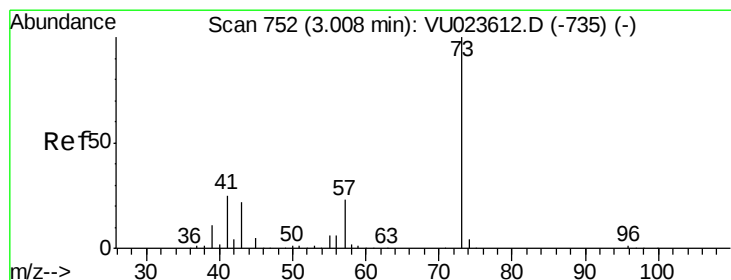
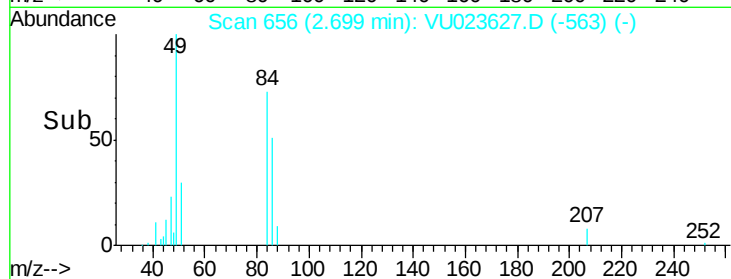
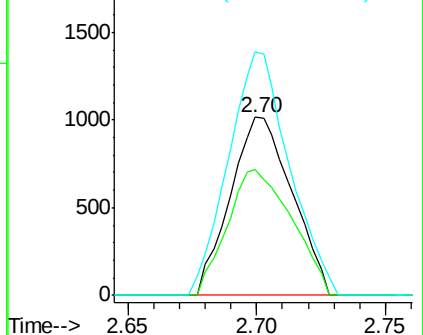


#16
Methvlene chloride
Concen: 0.28 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU023627.D
Acq: 04 May 2018 03:09

Tot Ion: 84 Resp: 1692
Ion Ratio Lower Upper
84 100
86 70.4 46.0 85.4
49 136.8 96.0 178.4

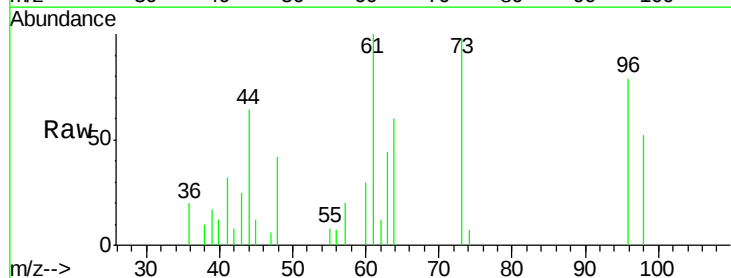


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

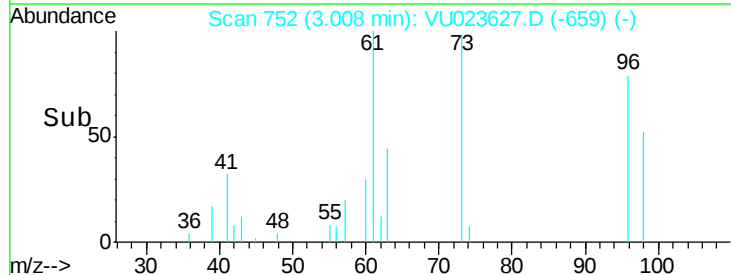
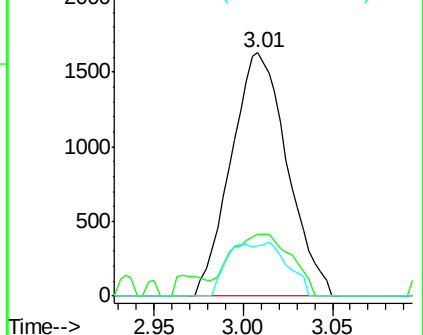


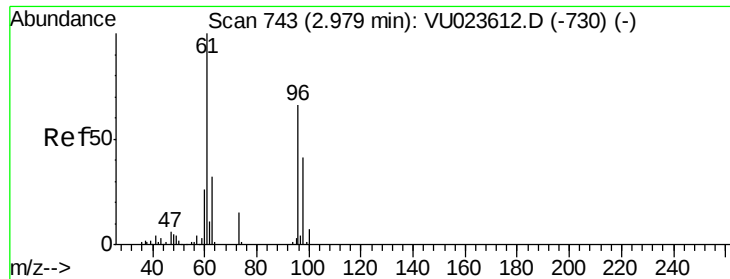
#17
Methyl tert-butyl Ether
Concen: 0.27 ug/L
RT: 3.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: VU023627.D
Acq: 04 May 2018 03:09

Tgt Ion: 73 Resp: 3580
Ion Ratio Lower Upper
73 100
43 27.3 16.6 25.0#
57 10.5 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





#18

trans-1,2-Dichloroethene

Concen: 4.02 ug/L

RT: 2.98 min Scan# 744

Delta R.T. 0.00 min

Lab File: VU023627.D

Acq: 04 May 2018 03:09

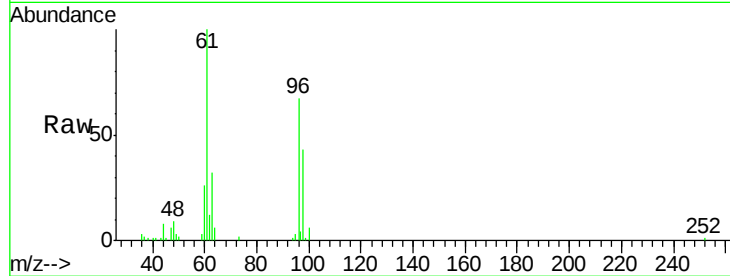
Tot Ion: 96 Resp: 23089

Ion Ratio Lower Upper

96 100

61 148.5 109.0 202.4

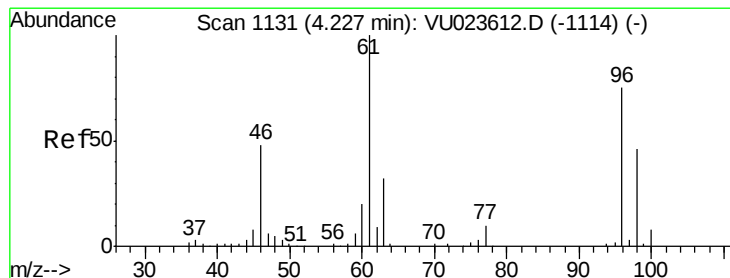
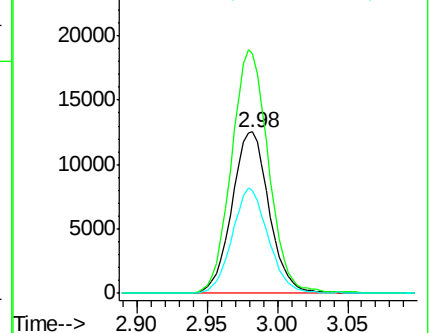
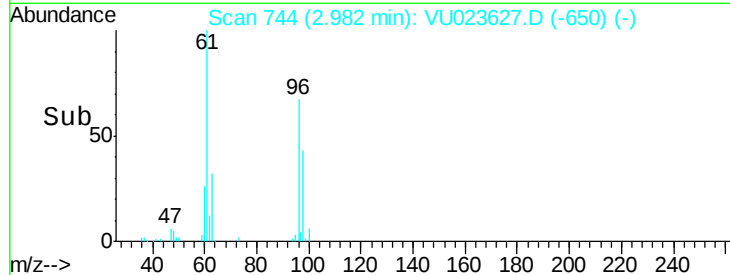
98 64.0 44.7 83.1



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



#22

cis-1,2-Dichloroethene

Concen: 626.96 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023627.D

Acq: 04 May 2018 03:09

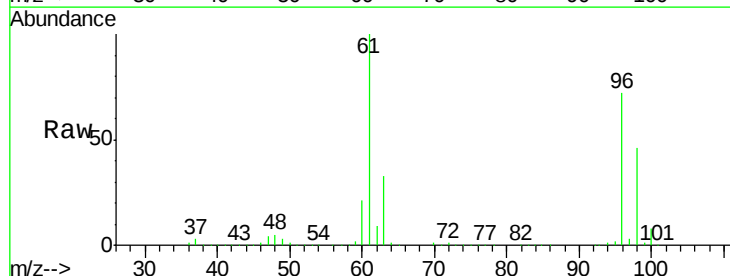
Tgt Ion: 96 Resp: 4273035

Ion Ratio Lower Upper

96 100

61 139.3 94.6 175.6

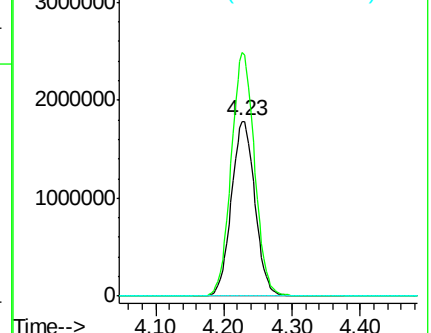
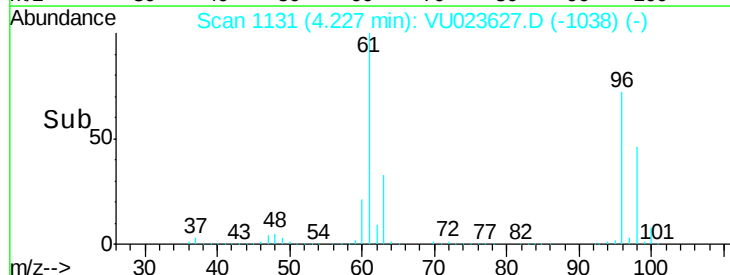
68 0.0 0.0 0.0

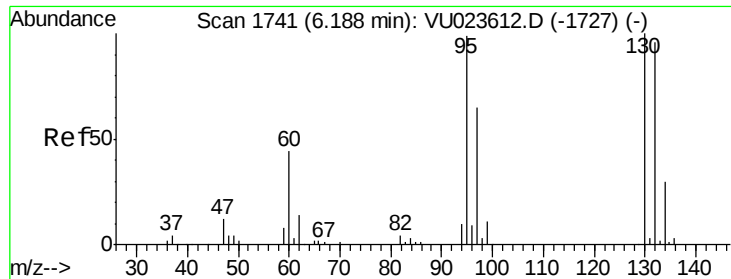


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

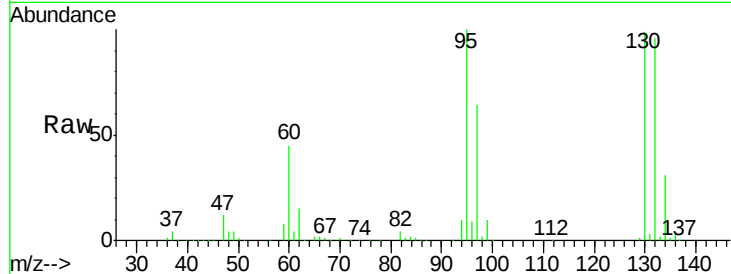




#34
 Trichloroethene
 Concen: 189.61 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023627.D
 Acq: 04 May 2018 03:09

Tot Ion: 95 Resp: 1181297

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.0	85.4
132	95.9	68.1	126.5
130	99.4	70.1	130.1

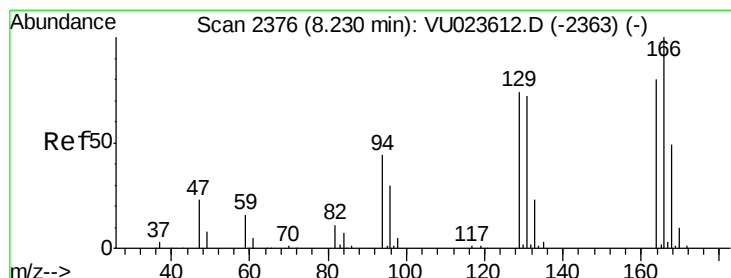
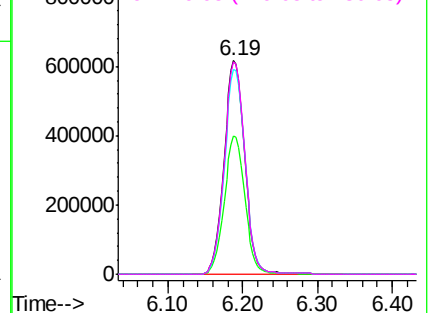
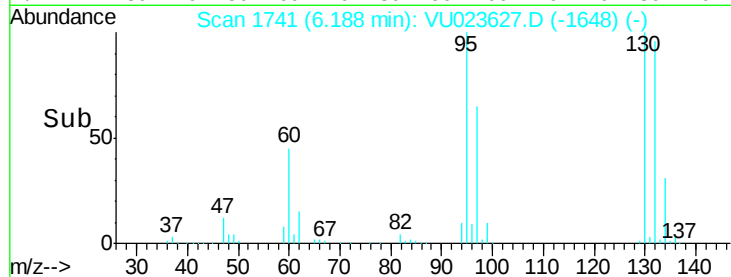


Abundance Ion 95.00 (94.70 to 95.70): VU023612.D (-1727) (-)

Ion 96.95 (96.65 to 97.65): VU023612.D (-1727) (-)

Ion 131.95 (131.65 to 132.65): VU023612.D (-1727) (-)

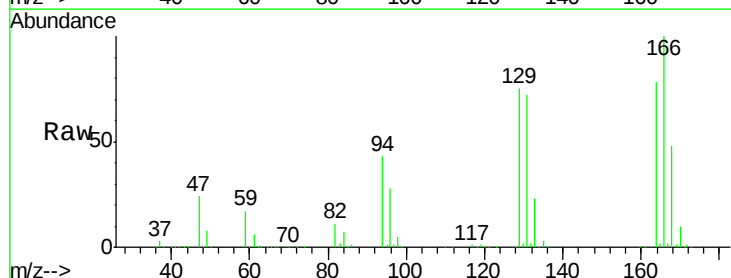
Ion 129.95 (129.65 to 130.65): VU023612.D (-1727) (-)



#47
 Tetrachloroethene
 Concen: 304.35 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023627.D
 Acq: 04 May 2018 03:09

Tgt Ion: 164 Resp: 1501651

Ion	Ratio	Lower	Upper
164	100		
129	95.2	64.4	119.6
131	91.5	63.9	118.7
166	127.5	90.0	167.2



Abundance Ion 163.90 (163.60 to 164.60): VU023612.D (-2363) (-)

Ion 128.95 (128.65 to 129.65): VU023612.D (-2363) (-)

Ion 130.95 (130.65 to 131.65): VU023612.D (-2363) (-)

Ion 165.90 (165.60 to 166.60): VU023612.D (-2363) (-)

