

Data File : VU023624.D
Acq On : 04 May 2018 01:48
Operator : MD/SY
Sample : J2630-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 04 04:47:46 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	117417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	111740	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	44954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43821	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.68	69	35877	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.27	63	55897	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.21	46	167800	68.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.20%#
24) Chloroform-d	4.65	84	85746	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
26) 1,2-Dichloroethane-d4	5.31	65	48214	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.34	84	157160	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.34	67	59057	6.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.00%
41) Toluene-d8	7.57	98	115663	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.86	79	11392	3.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.40%
46) 2-Hexanone-d5	8.32	63	104999	56.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	47522	6.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.20%#
64) 1,2-Dichlorobenzene-d4	11.87	152	47213	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

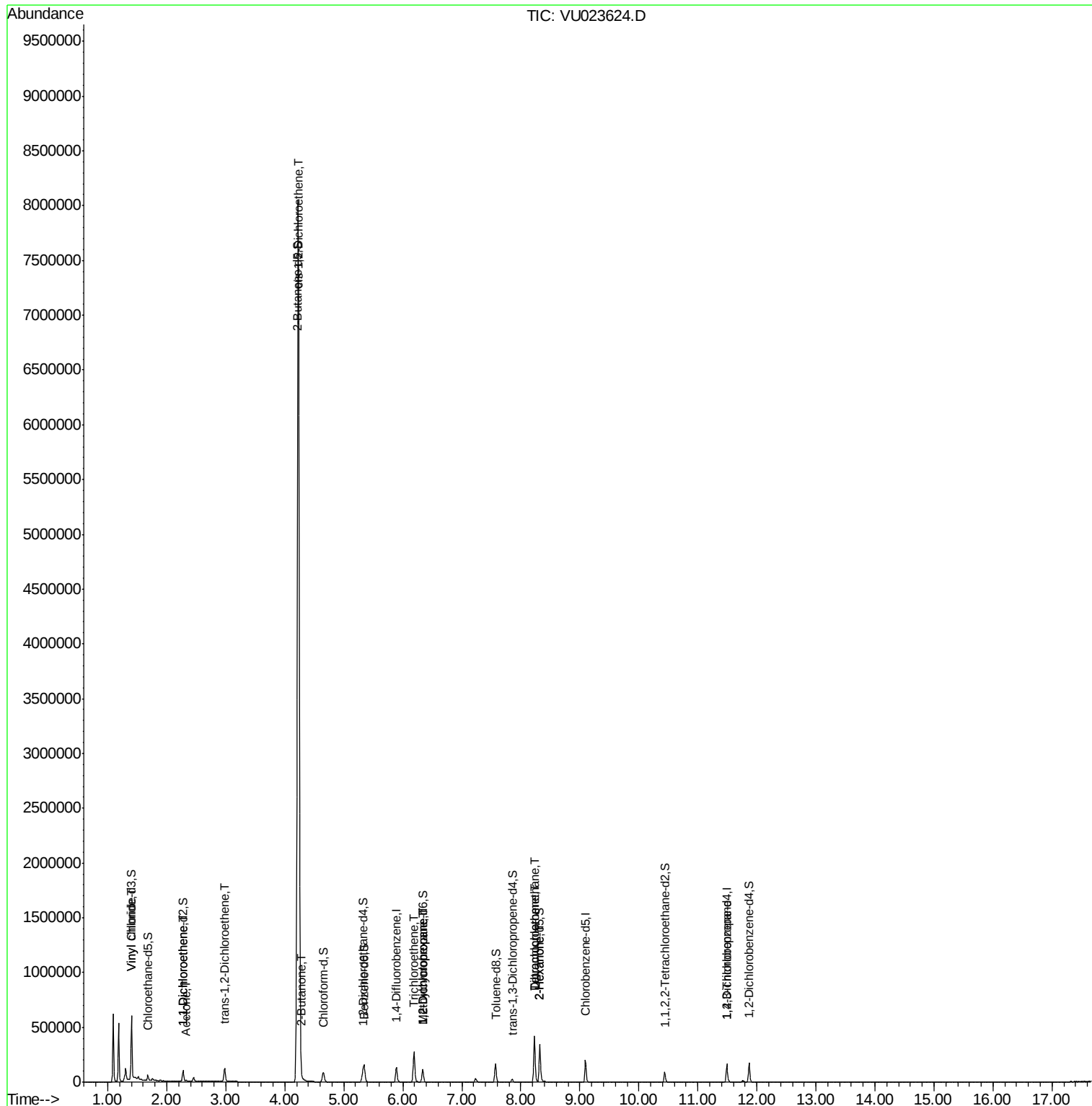
Target Compounds

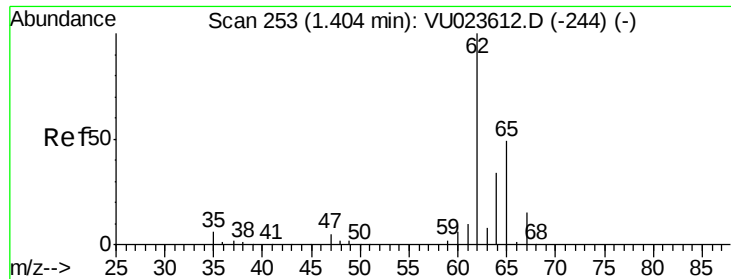
						Qvalue
5) Vinyl chloride	1.40	62	298756	27.22	ug/L	99
12) 1,1-Dichloroethene	2.28	96	6635	0.96	ug/L #	1
13) Acetone	2.33	43	11344	8.06	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	46024	6.02	ug/L	99
21) 2-Butanone	4.29	43	2815	1.08	ug/L #	51
22) cis-1,2-Dichloroethene	4.23	96	4361469	480.36	ug/L	97
34) Trichloroethene	6.19	95	99308	11.32	ug/L	99
35) Methylcyclohexane	6.34	83	13185	0.99	ug/L #	16
37) 1,2-Dichloropropane	6.34	63	6248	0.67	ug/L #	89
47) Tetrachloroethene	8.23	164	101444	14.61	ug/L	99
48) 2-Hexanone	8.32	43	14532	3.51	ug/L #	84
49) Dibromochloromethane	8.23	129	95318	14.18	ug/L #	9
59) 1,2,3-Trichloropropane	11.49	75	4984	0.90	ug/L #	85

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

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#5

Vinyl chloride

Concen: 27.22 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

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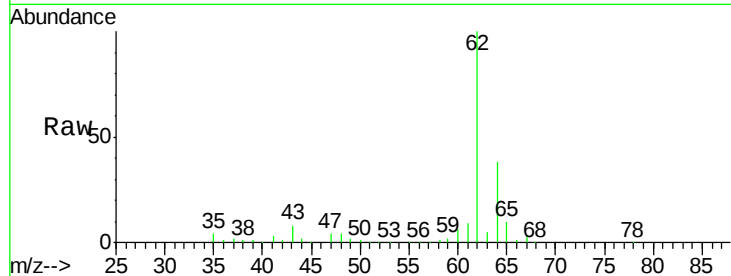
Acq: 04 May 2018 01:48

Tgt Ion: 62 Resp: 298756

Ion Ratio Lower Upper

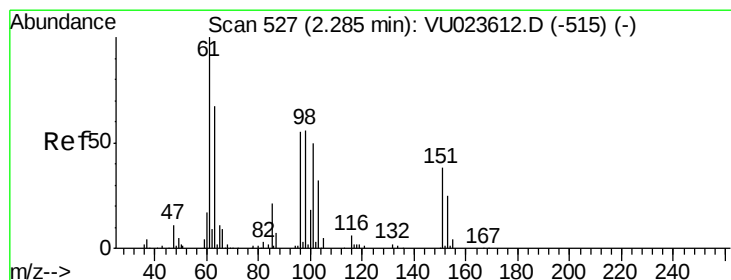
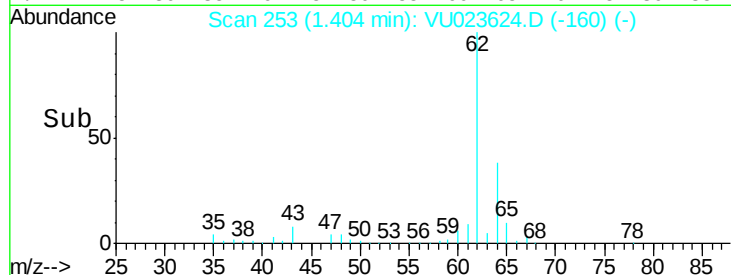
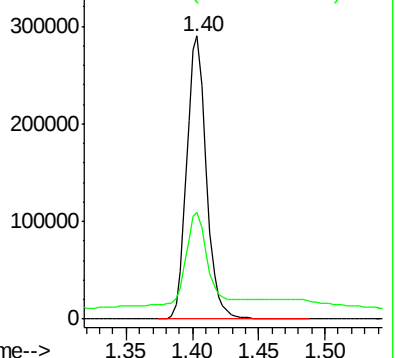
62 100

64 37.9 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: 0.96 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU023624.D

Acq: 04 May 2018 01:48

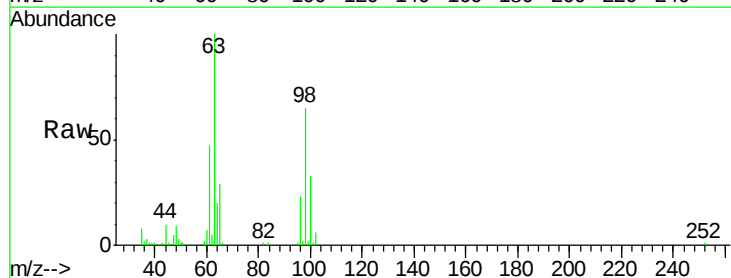
Tgt Ion: 96 Resp: 6635

Ion Ratio Lower Upper

96 100

61 205.4 127.4 236.6

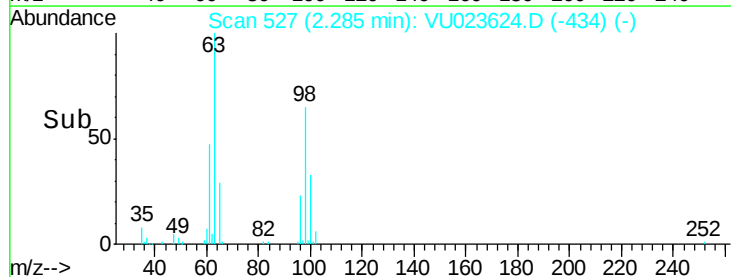
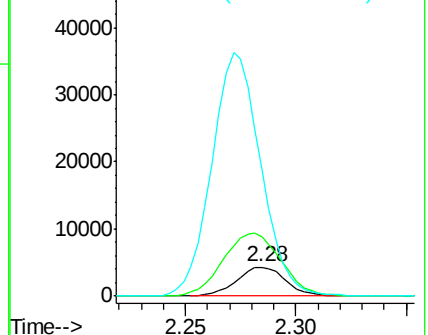
63 436.8 84.8 157.4#

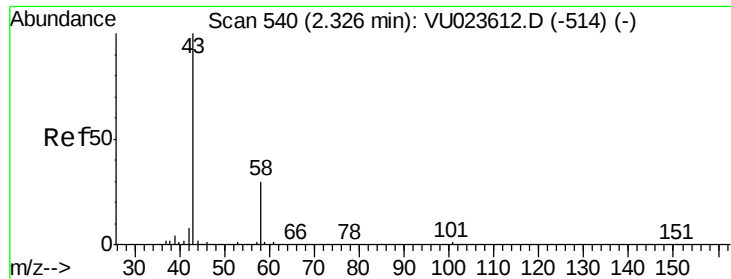


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 8.06 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023624.D

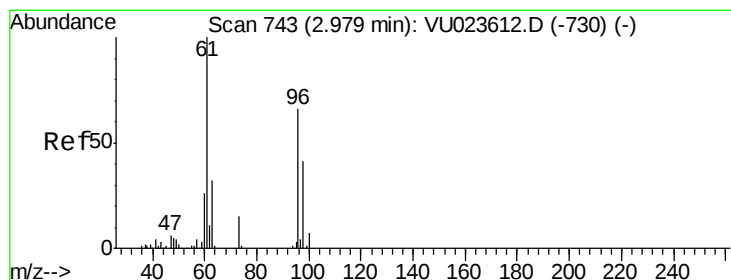
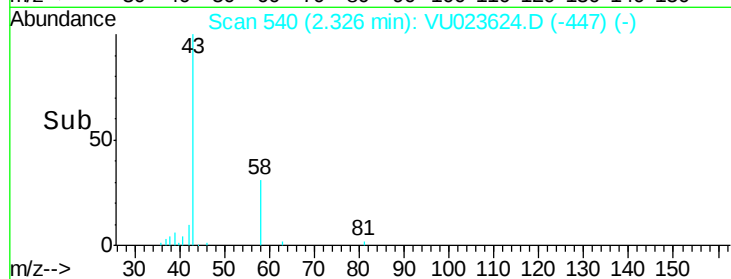
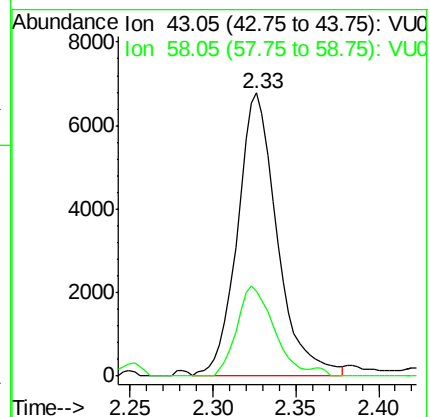
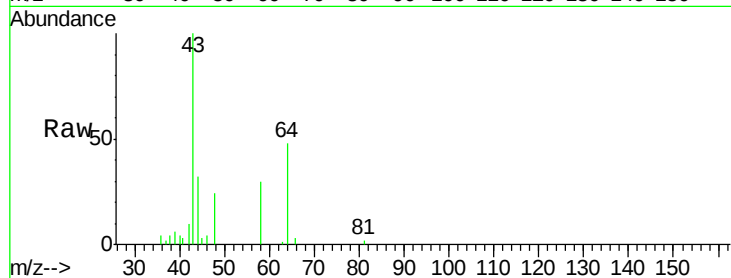
Acq: 04 May 2018 01:48

Tgt Ion: 43 Resp: 11344

Ion Ratio Lower Upper

43 100

58 30.5 0.0 63.8



#18

trans-1,2-Dichloroethene

Concen: 6.02 ug/L

RT: 2.98 min Scan# 743

Delta R.T. -0.00 min

Lab File: VU023624.D

Acq: 04 May 2018 01:48

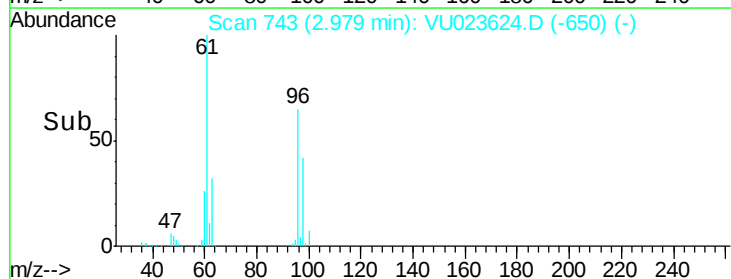
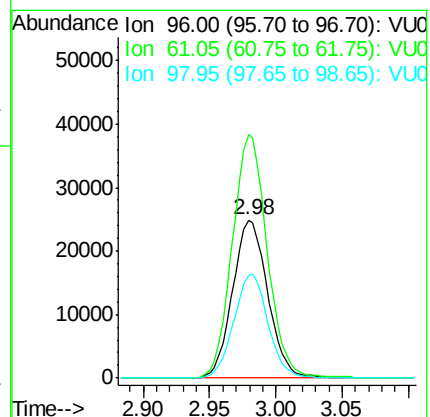
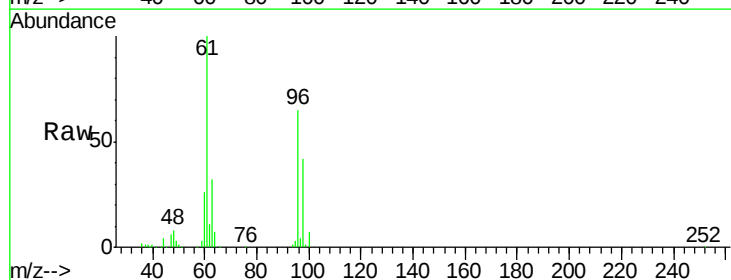
Tgt Ion: 96 Resp: 46024

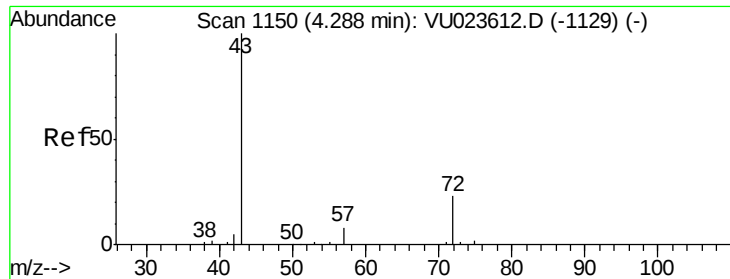
Ion Ratio Lower Upper

96 100

61 153.7 109.0 202.4

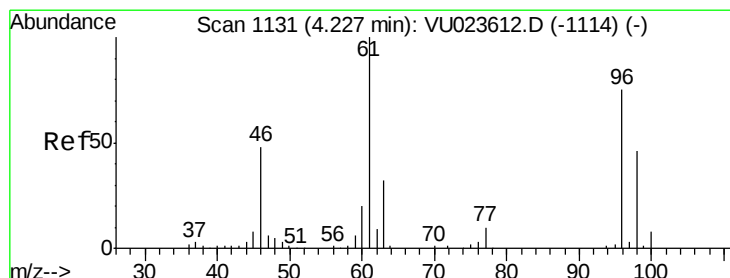
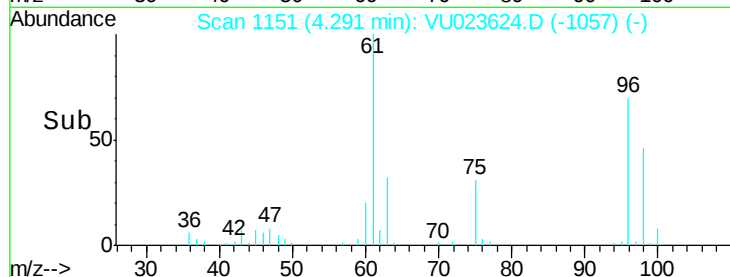
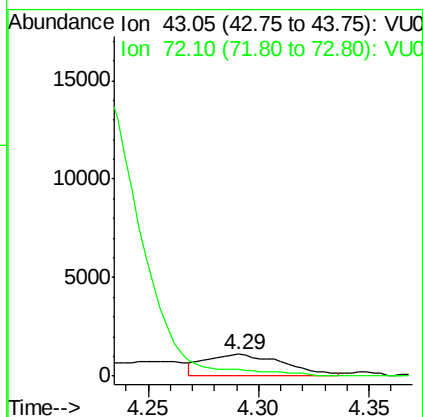
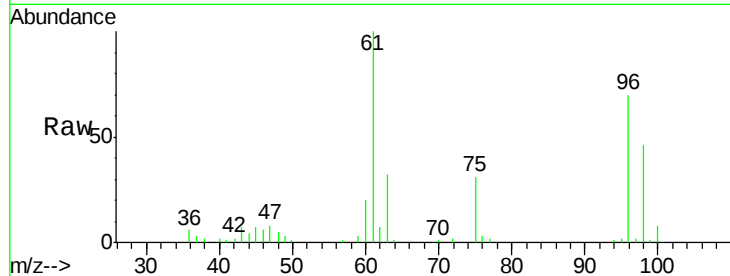
98 64.8 44.7 83.1





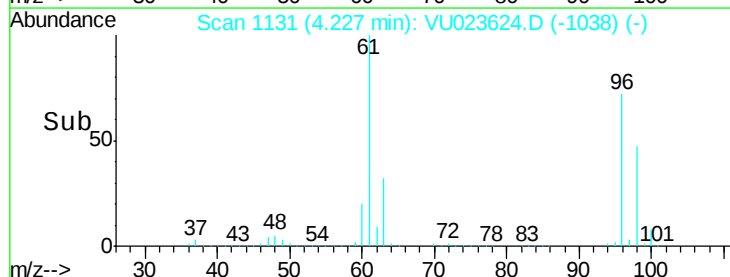
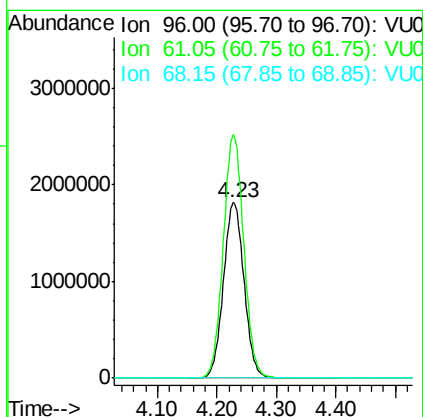
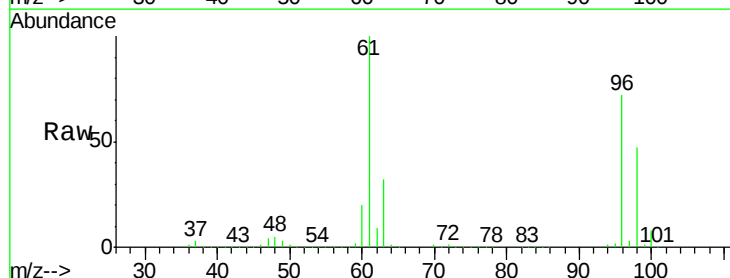
#21
 2-Butanone
 Concen: 1.08 ug/L
 RT: 4.29 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: VU023624.D
 Acq: 04 May 2018 01:48

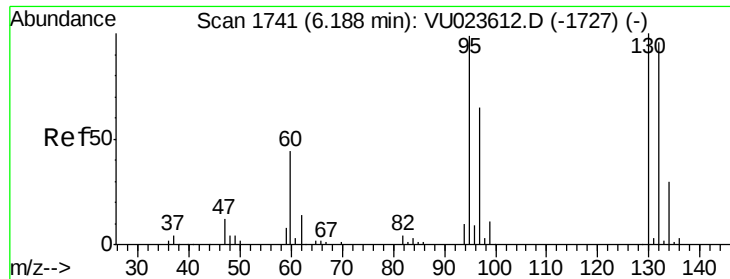
Tgt Ion: 43 Resp: 2815
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.3 36.8#



#22
 cis-1,2-Dichloroethene
 Concen: 480.36 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU023624.D
 Acq: 04 May 2018 01:48

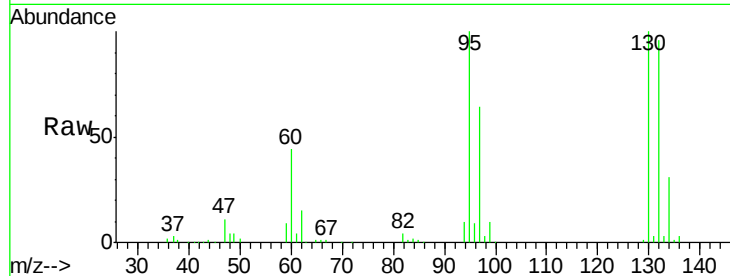
Tgt Ion: 96 Resp: 4361469
 Ion Ratio Lower Upper
 96 100
 61 138.6 94.6 175.6
 68 0.0 0.0 0.0



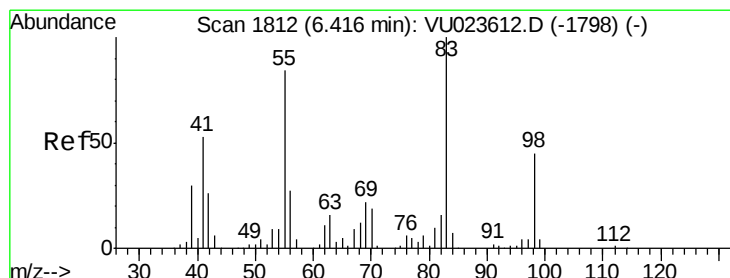
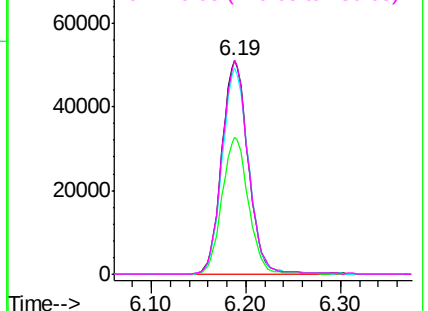
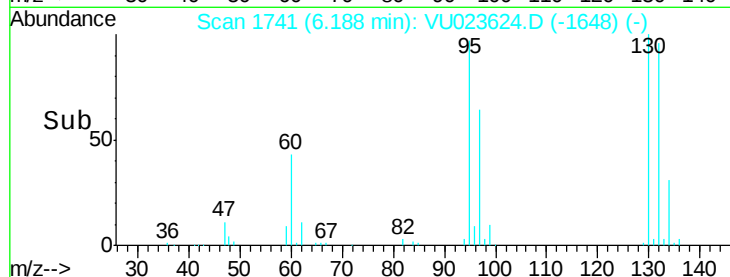


#34
 Trichloroethene
 Concen: 11.32 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023624.D
 Acq: 04 May 2018 01:48

Tgt Ion: 95 Resp: 99308
 Ion Ratio Lower Upper
 95 100
 97 64.2 46.0 85.4
 132 96.4 68.1 126.5
 130 100.0 70.1 130.1

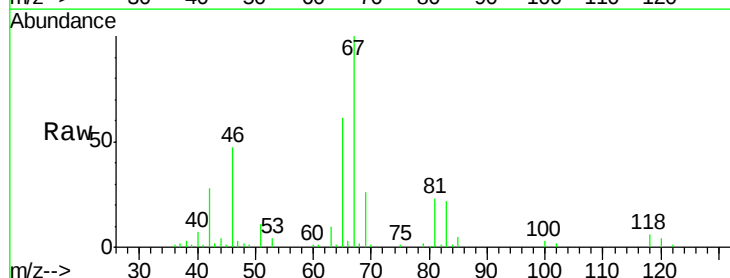


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

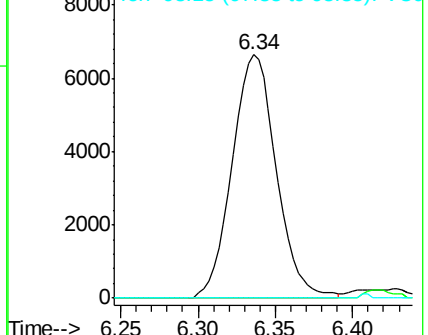
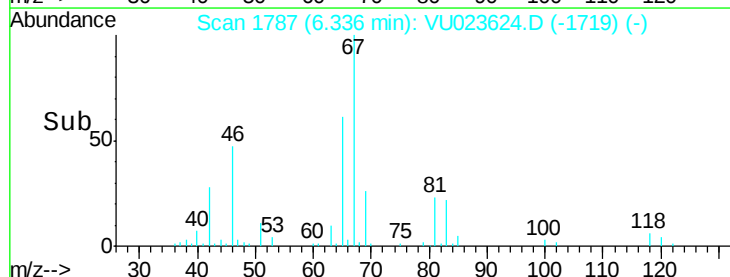


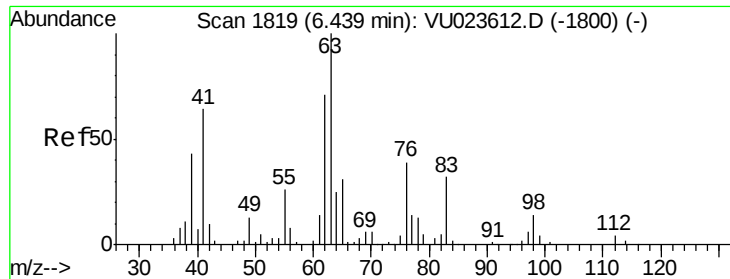
#35
 Methylcyclohexane
 Concen: 0.99 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.08 min
 Lab File: VU023624.D
 Acq: 04 May 2018 01:48

Tgt Ion: 83 Resp: 13185
 Ion Ratio Lower Upper
 83 100
 55 2.2 68.4 102.6#
 98 0.0 36.7 55.1#



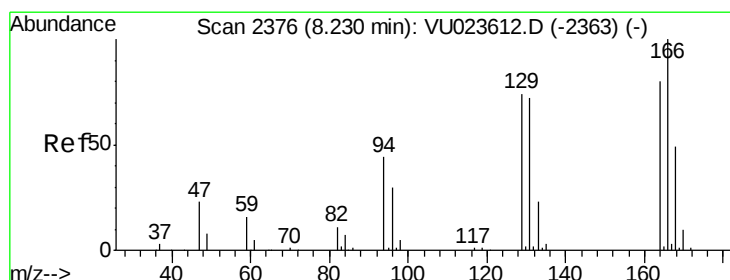
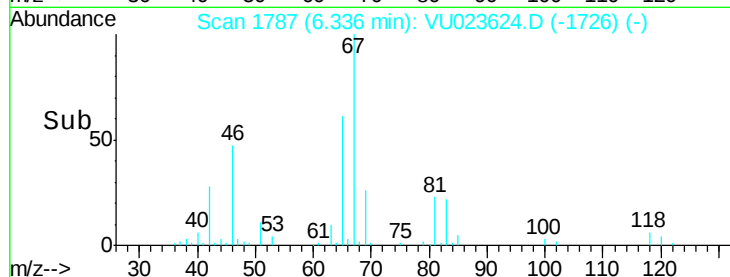
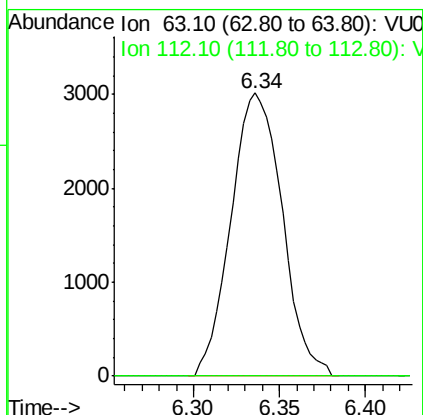
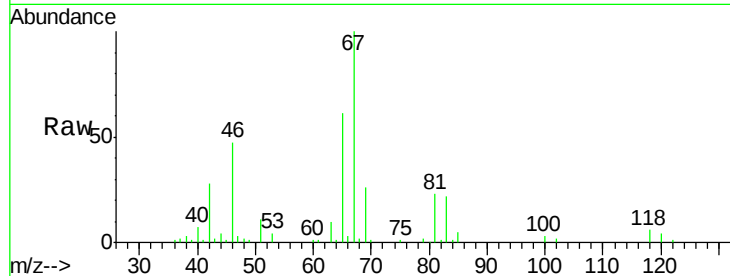
Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0





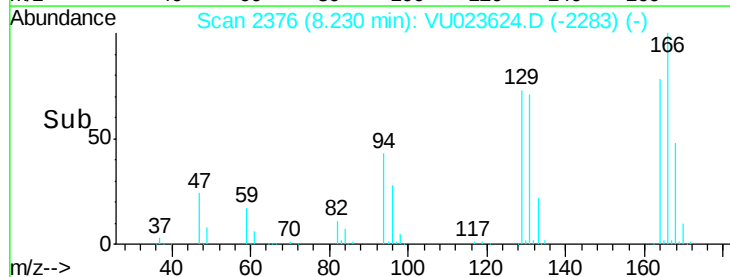
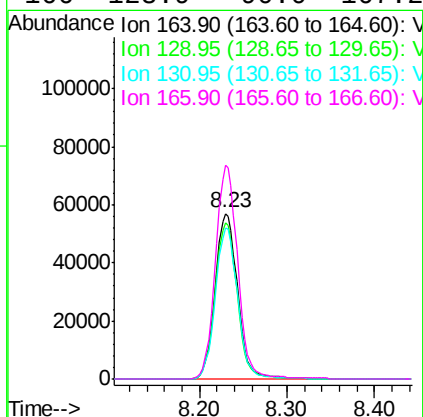
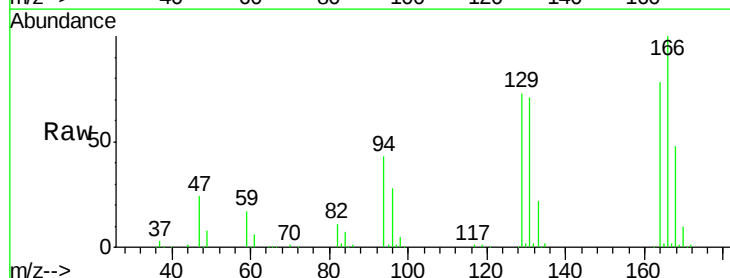
#37
 1,2-Dichloropropane
 Concen: 0.67 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023624.D
 Acq: 04 May 2018 01:48

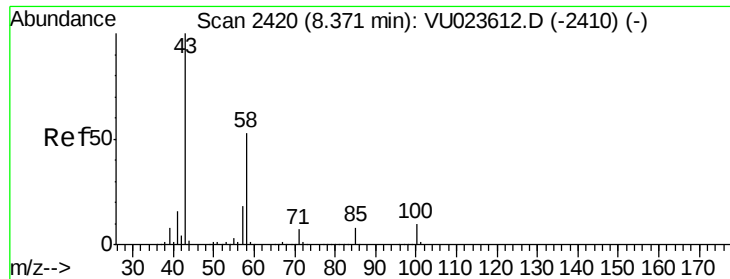
Tgt Ion: 63 Resp: 6248
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#47
 Tetrachloroethene
 Concen: 14.61 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU023624.D
 Acq: 04 May 2018 01:48

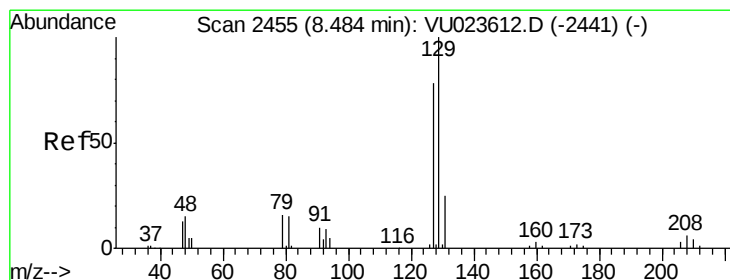
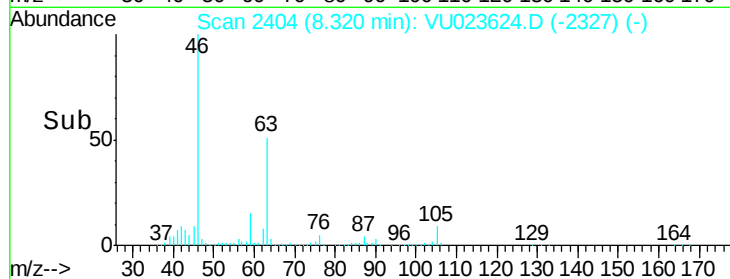
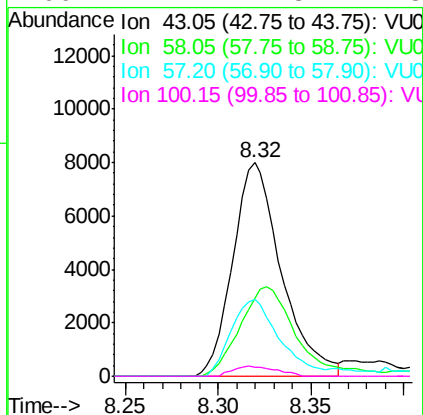
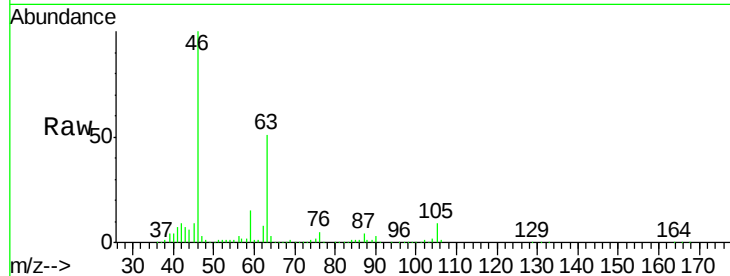
Tgt Ion: 164 Resp: 101444
 Ion Ratio Lower Upper
 164 100
 129 94.5 64.4 119.6
 131 90.9 63.9 118.7
 166 128.9 90.0 167.2





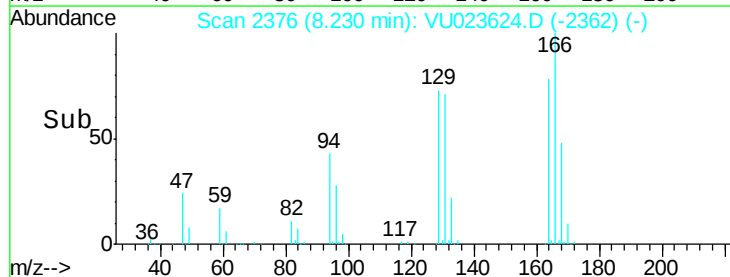
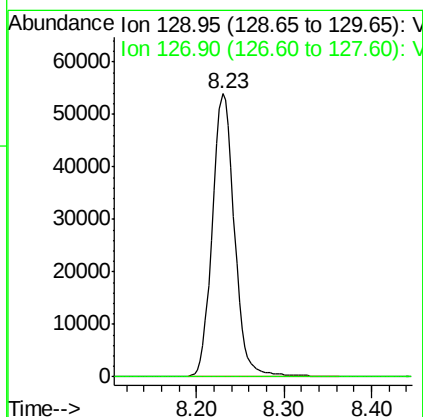
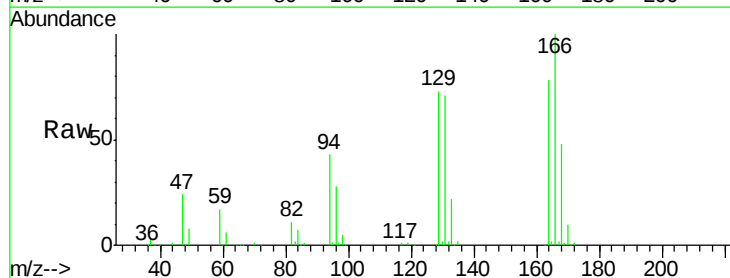
#48
2-Hexanone
Concen: 3.51 ug/L
RT: 8.32 min Scan# 2404
Delta R.T. -0.05 min
Lab File: VU023624.D
Acq: 04 May 2018 01:48

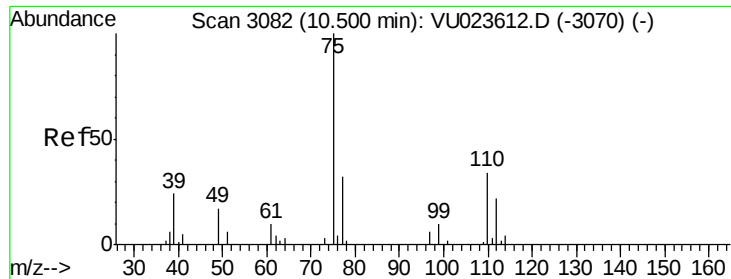
Tgt Ion: 43 Resp: 14532
Ion Ratio Lower Upper
43 100
58 48.7 42.1 63.1
57 38.2 14.3 21.5#
100 4.2 7.8 11.8#



#49
Dibromochloromethane
Concen: 14.18 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU023624.D
Acq: 04 May 2018 01:48

Tgt Ion: 129 Resp: 95318
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#





#59

1,2,3-Trichloropropane
 Concen: 0.90 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU023624.D
 Acq: 04 May 2018 01:48

Tgt Ion: 75 Resp: 4984
 Ion Ratio Lower Upper
 75 100
 77 40.8 26.0 39.0#

