

Data File : VU023617.D
Acq On : 03 May 2018 22:38
Operator : MD/SY
Sample : J2630-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 04 04:46:11 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	93864	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	82886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	29457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92572	13.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	271.80%#
7) Chloroethane-d5	1.68	69	30930	6.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.20%
11) 1,1-Dichloroethene-d2	2.28	63	49693	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	4.24	46	168920	85.76	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	171.52%#
24) Chloroform-d	4.65	84	71617	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
26) 1,2-Dichloroethane-d4	5.32	65	46234	7.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	141.40%#
32) Benzene-d6	5.34	84	124065	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.34	67	50987	7.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	140.80%#
41) Toluene-d8	7.57	98	72981	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.86	79	11851	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.32	63	108414	79.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	158.60%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	46344	8.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	160.80%#
64) 1,2-Dichlorobenzene-d4	11.87	152	30890	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	2753	0.31	ug/L	98
3) Chloromethane	1.29	50	2329	0.24	ug/L	# 42
5) Vinyl chloride	1.40	62	8294863	945.24	ug/L	93
12) 1,1-Dichloroethene	2.29	96	31883	5.77	ug/L	94
13) Acetone	2.33	43	15024	13.35	ug/L	100
14) Carbon disulfide	2.49	76	23180	1.16	ug/L	100
16) Methylene chloride	2.70	84	2218	0.35	ug/L	89
17) Methyl tert-butyl Ether	3.01	73	7775	0.55	ug/L	99
18) trans-1,2-Dichloroethene	2.99	96	610175	99.87	ug/L	99
21) 2-Butanone	4.30	43	2176	1.05	ug/L	# 51
34) Trichloroethene	6.19	95	12427	1.91	ug/L	96
35) Methylcyclohexane	6.34	83	11196	1.14	ug/L	# 16
37) 1,2-Dichloropropane	6.34	63	5133	0.74	ug/L	# 89
47) Tetrachloroethene	8.23	164	2489	0.48	ug/L	94
48) 2-Hexanone	8.32	43	15187	4.95	ug/L	# 79
49) Dibromochloromethane	8.23	129	2458	0.49	ug/L	# 9
59) 1,2,3-Trichloropropane	11.49	75	3815	0.93	ug/L	100

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

Data File : VU023617.D
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Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

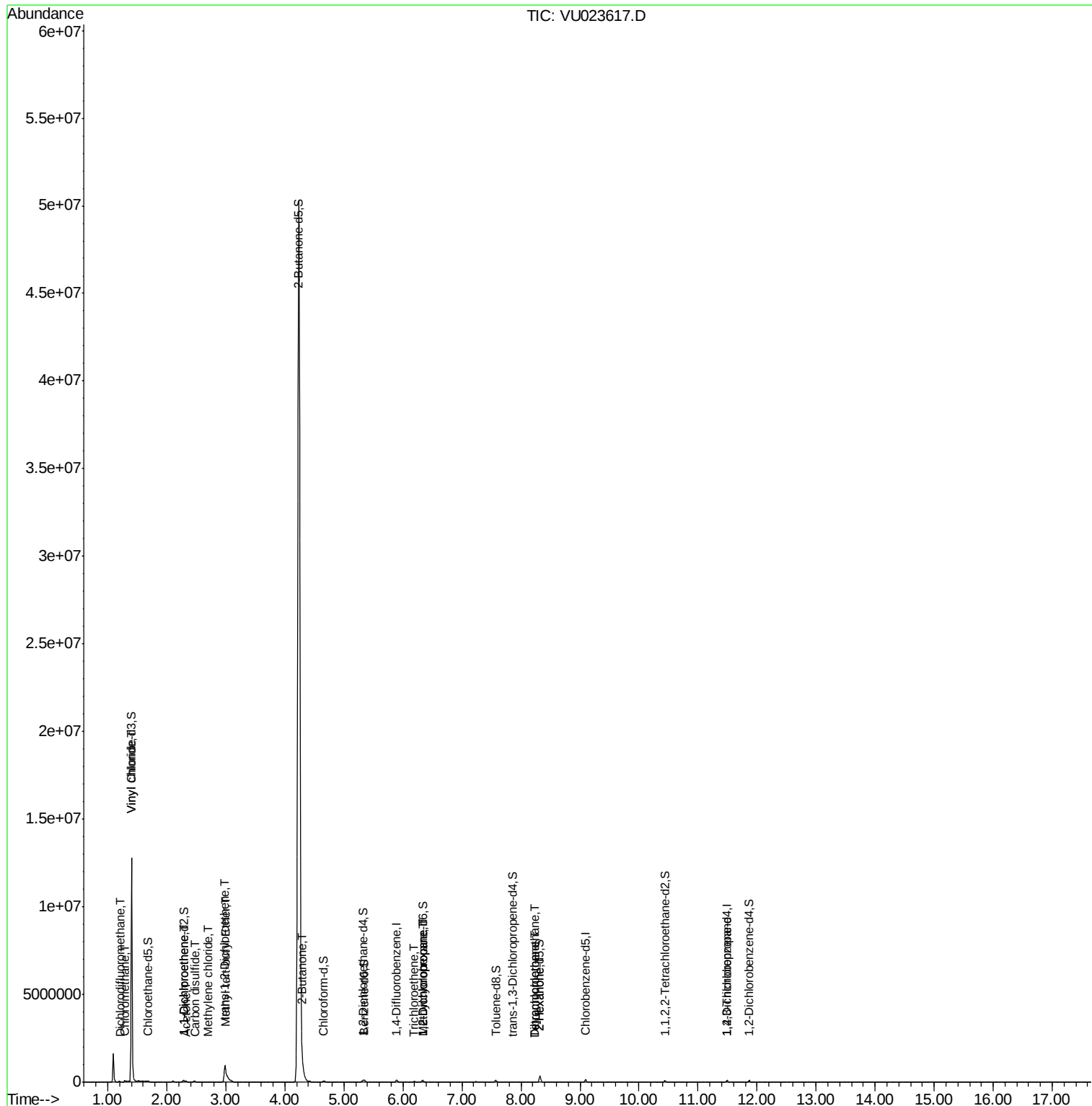
Quant Time: May 04 04:46:11 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
Response via : Initial Calibration

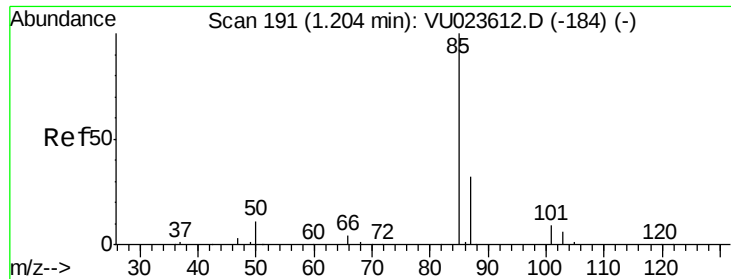
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.31 ug/L

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU023617.D

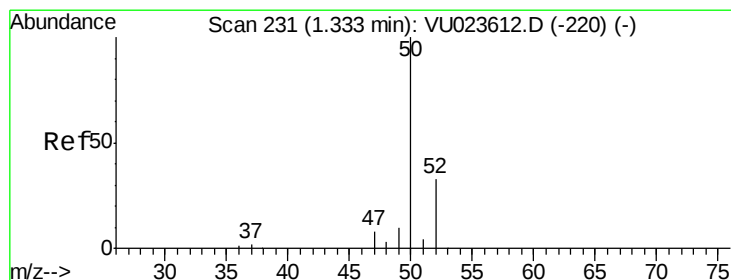
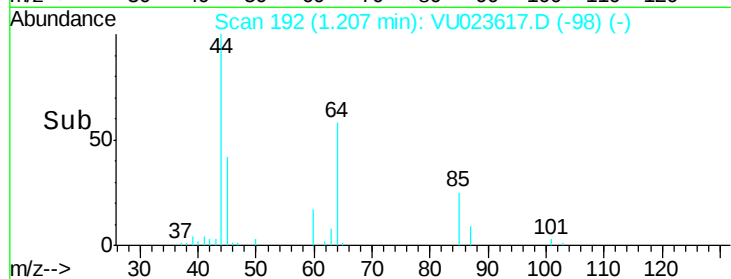
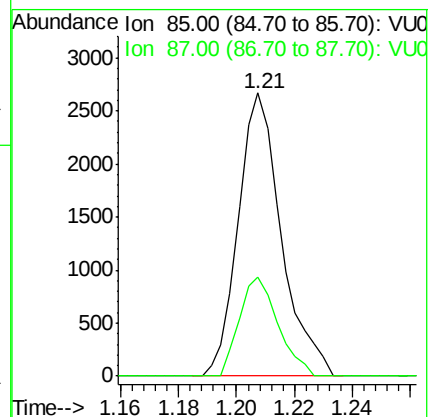
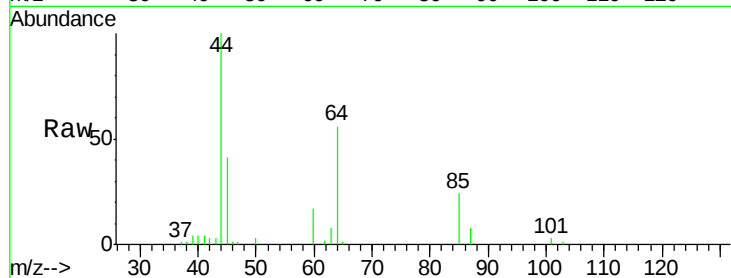
Acq: 03 May 2018 22:38

Tgt Ion: 85 Resp: 2753

Ion Ratio Lower Upper

85 100

87 31.2 26.1 39.1



#3

Chloromethane

Concen: 0.24 ug/L

RT: 1.29 min Scan# 217

Delta R.T. -0.05 min

Lab File: VU023617.D

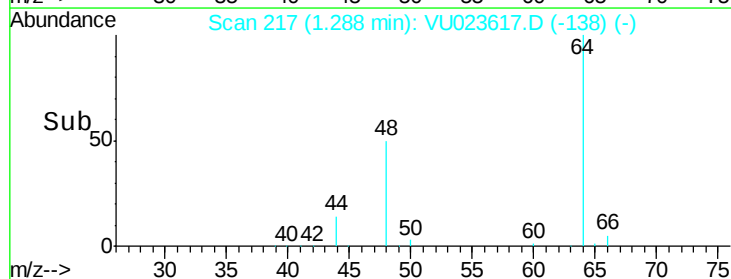
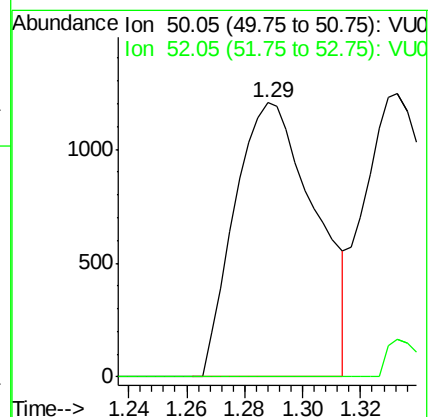
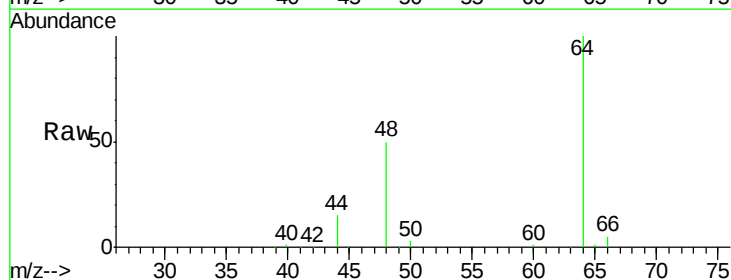
Acq: 03 May 2018 22:38

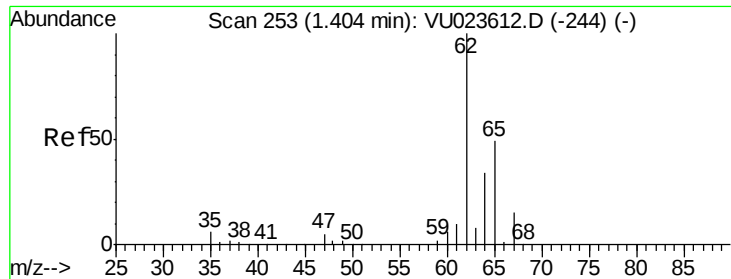
Tgt Ion: 50 Resp: 2329

Ion Ratio Lower Upper

50 100

52 0.0 22.8 42.4#





#5

Vinyl chloride

Concen: 945.24 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023617.D

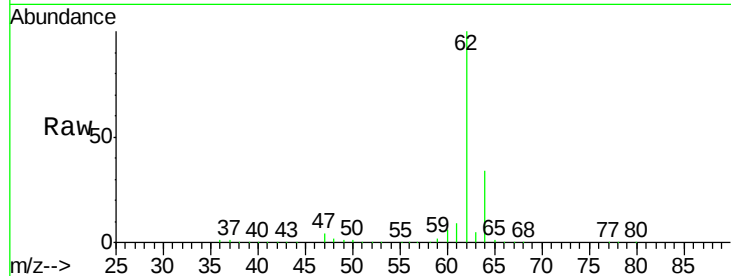
Acq: 03 May 2018 22:38

Tgt Ion: 62 Resp: 8294863

Ion Ratio Lower Upper

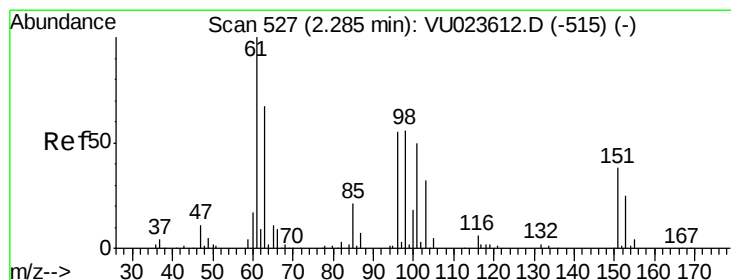
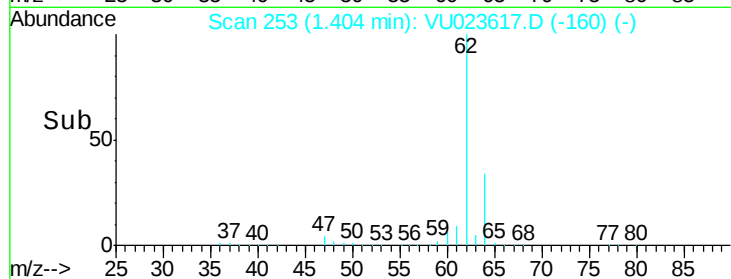
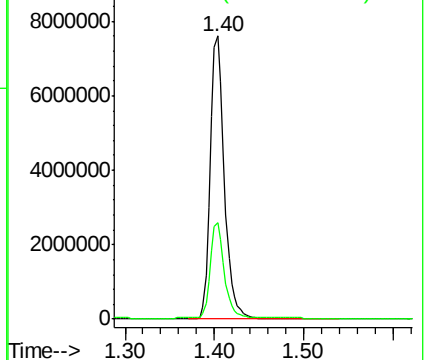
62 100

64 34.0 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: 5.77 ug/L

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023617.D

Acq: 03 May 2018 22:38

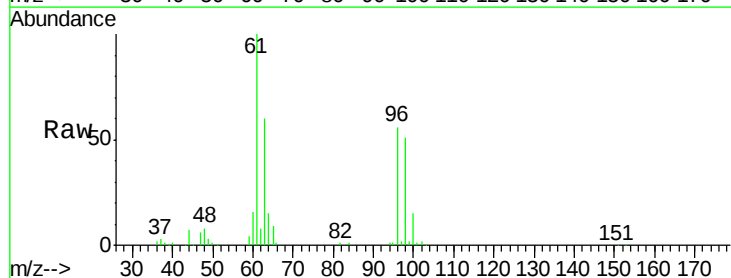
Tgt Ion: 96 Resp: 31883

Ion Ratio Lower Upper

96 100

61 178.8 127.4 236.6

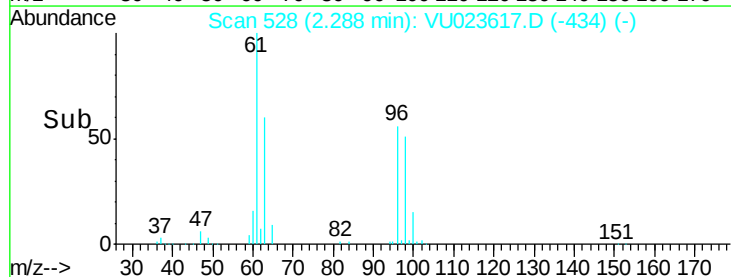
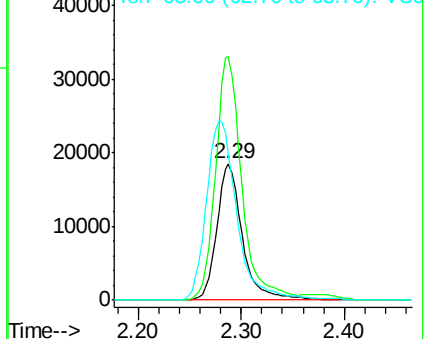
63 107.8 84.8 157.4

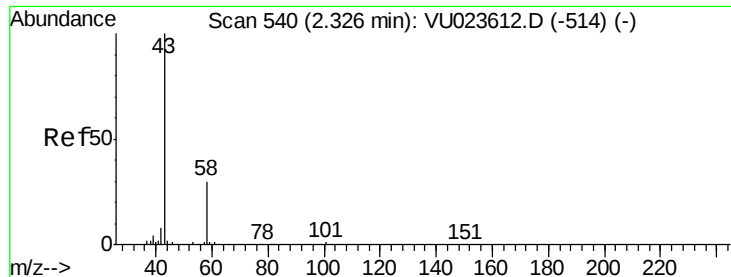


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 13.35 ug/L

RT: 2.33 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU023617.D

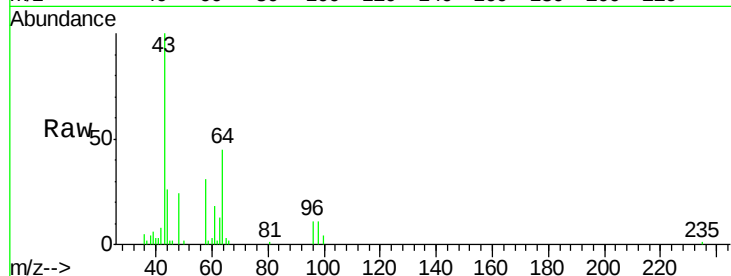
Acq: 03 May 2018 22:38

Tgt Ion: 43 Resp: 15024

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.33

10000

8000

6000

4000

2000

0

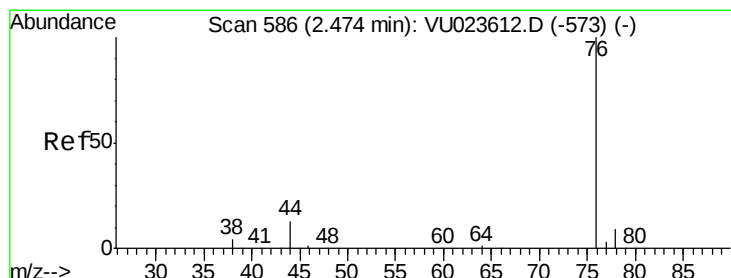
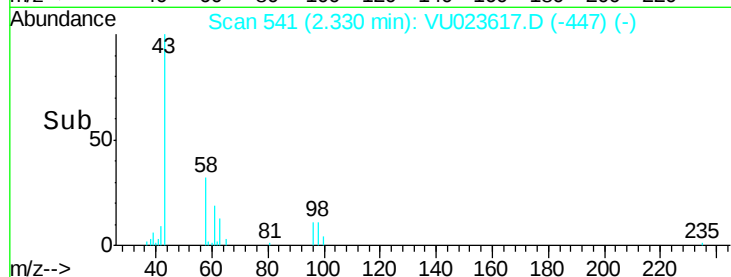
Time-->

2.25

2.30

2.35

2.40



#14

Carbon disulfide

Concen: 1.16 ug/L

RT: 2.49 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU023617.D

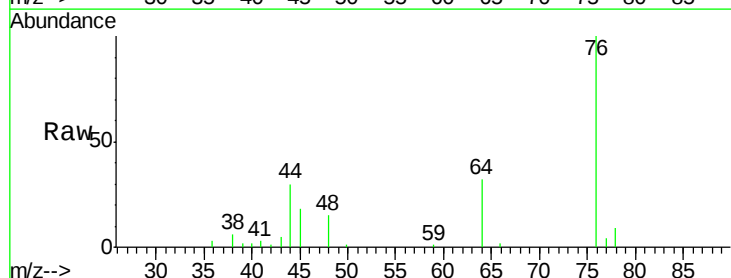
Acq: 03 May 2018 22:38

Tgt Ion: 76 Resp: 23180

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

15000

10000

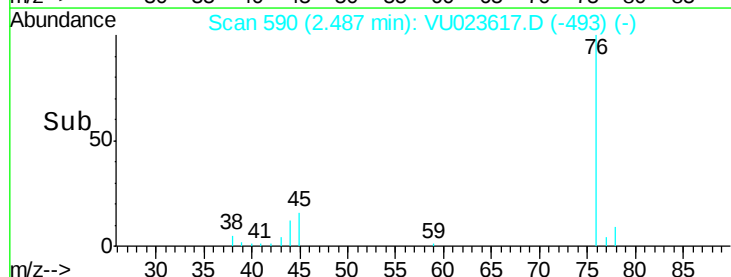
5000

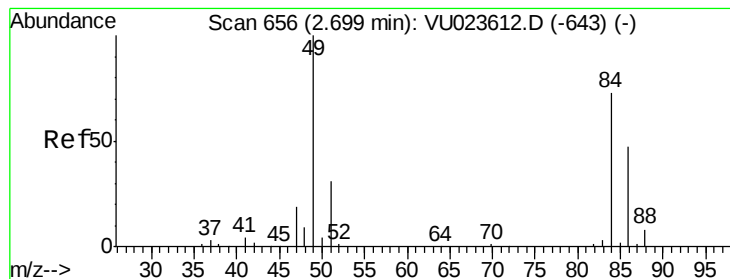
0

Time-->

2.45

2.50





#16

Methylene chloride

Concen: 0.35 ug/L

RT: 2.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: VU023617.D

Acq: 03 May 2018 22:38

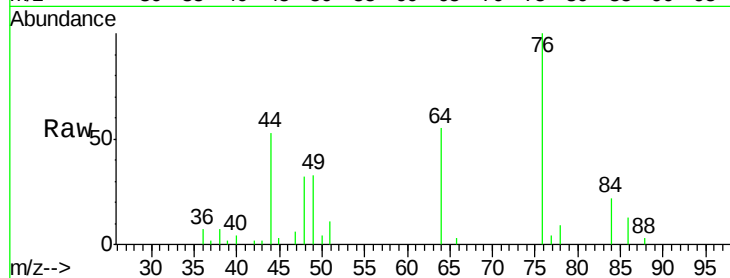
Tgt Ion: 84 Resp: 2218

Ion Ratio Lower Upper

84 100

86 58.6 46.0 85.4

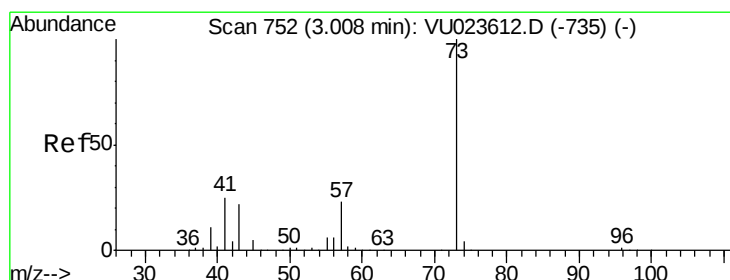
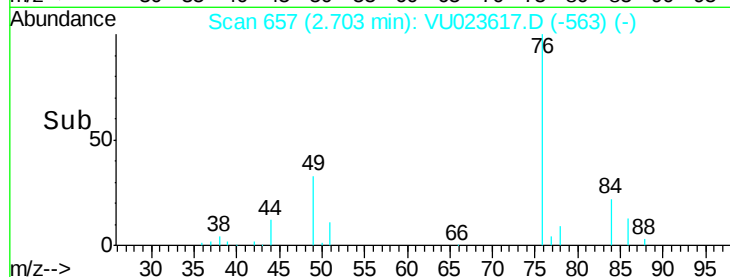
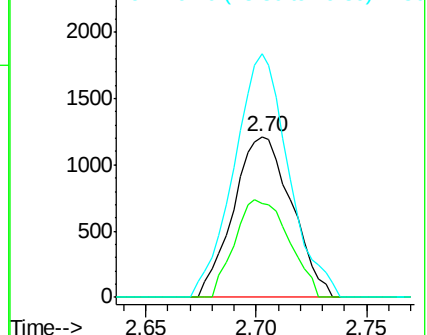
49 151.5 96.0 178.4



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: 0.55 ug/L

RT: 3.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VU023617.D

Acq: 03 May 2018 22:38

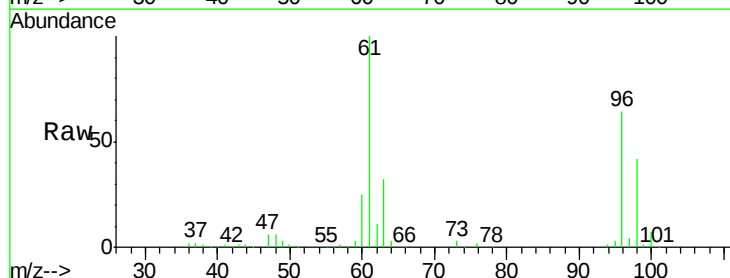
Tgt Ion: 73 Resp: 7775

Ion Ratio Lower Upper

73 100

43 20.9 16.6 25.0

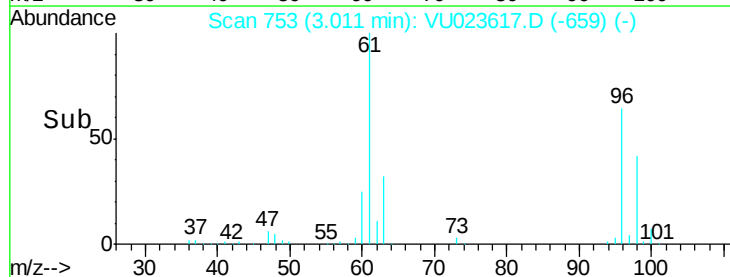
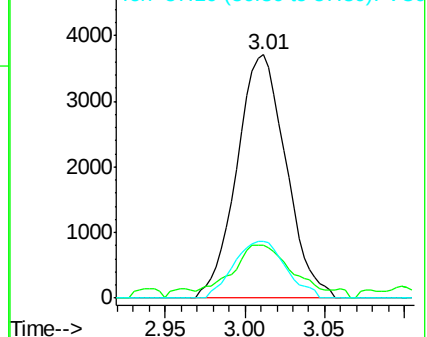
57 24.7 19.4 29.0

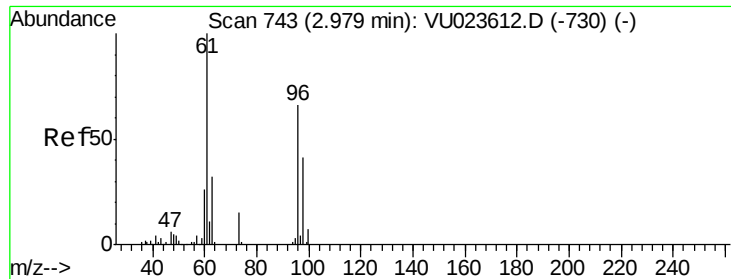


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 99.87 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.01 min

Lab File: VU023617.D

Acq: 03 May 2018 22:38

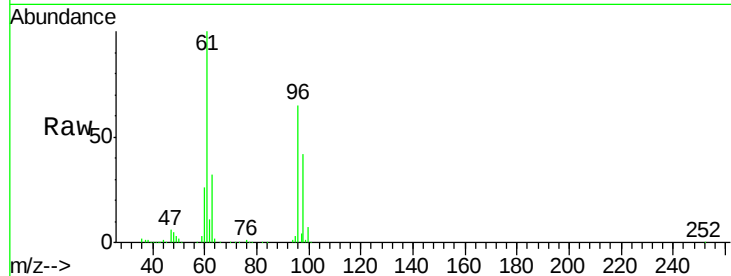
Tgt Ion: 96 Resp: 610175

Ion Ratio Lower Upper

96 100

61 154.8 109.0 202.4

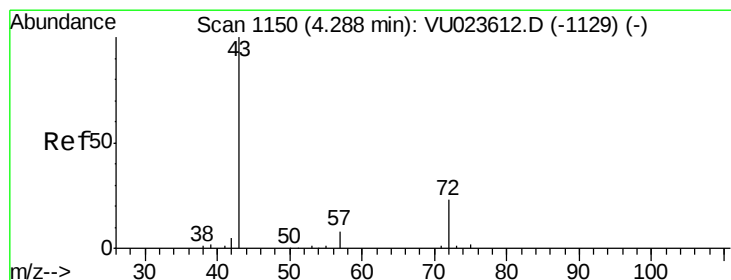
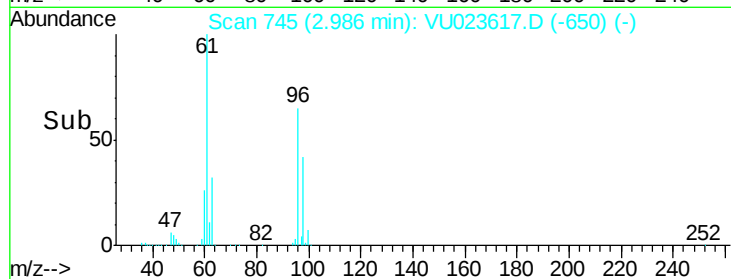
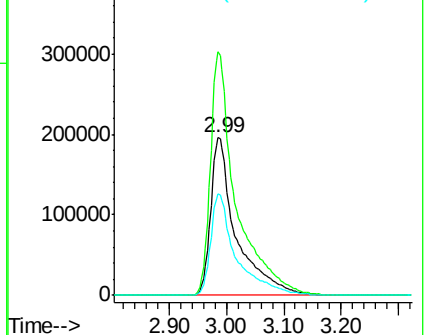
98 64.5 44.7 83.1



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: 1.05 ug/L

RT: 4.30 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VU023617.D

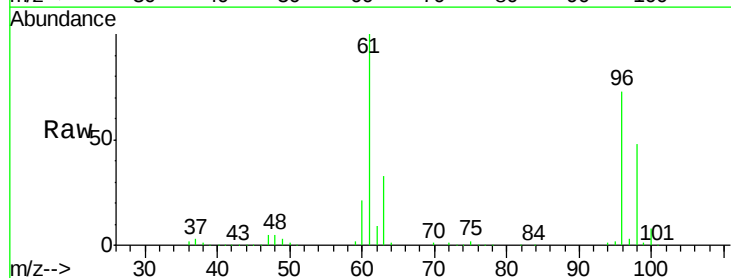
Acq: 03 May 2018 22:38

Tgt Ion: 43 Resp: 2176

Ion Ratio Lower Upper

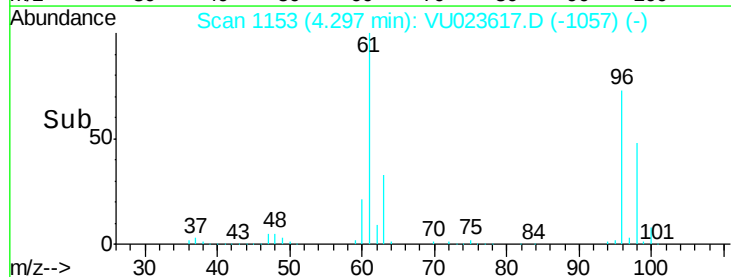
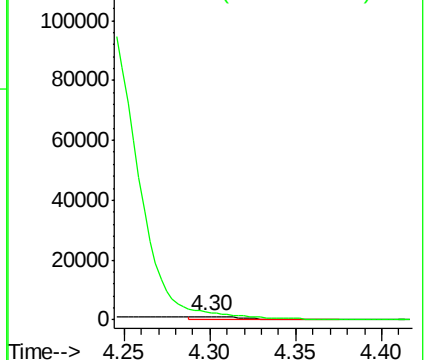
43 100

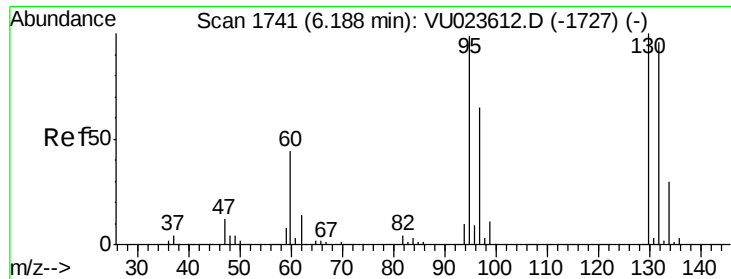
72 0.0 12.3 36.8#



Abundance Ion 43.05 (42.75 to 43.75): VU0

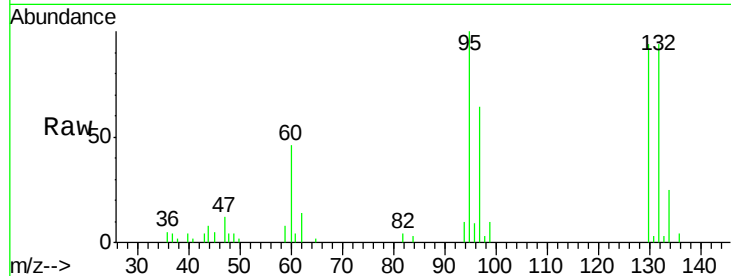
Ion 72.10 (71.80 to 72.80): VU0



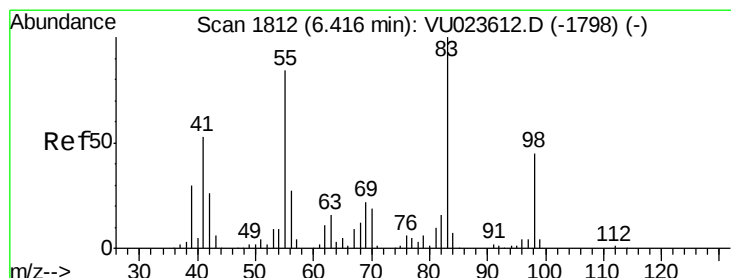
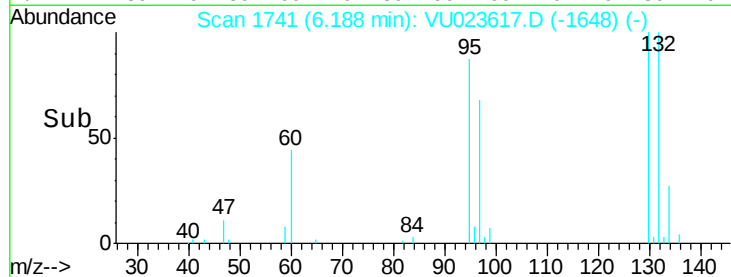
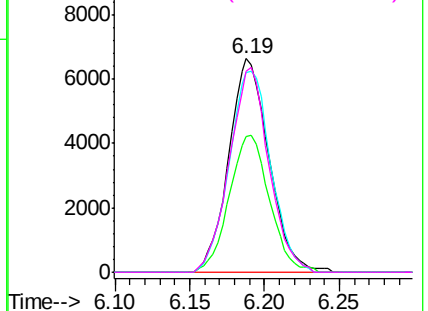


#34
 Trichloroethene
 Concen: 1.91 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023617.D
 Acq: 03 May 2018 22:38

Tgt Ion:	95	Resp:	12427
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.0	85.4
132	93.7	68.1	126.5
130	94.0	70.1	130.1

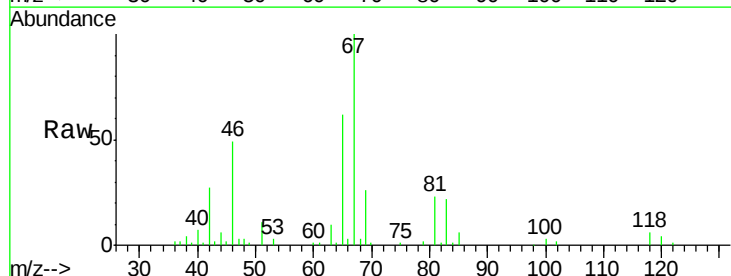


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

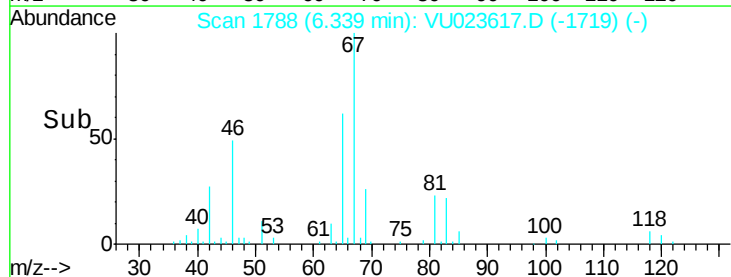
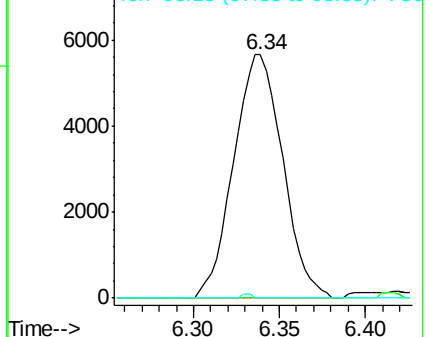


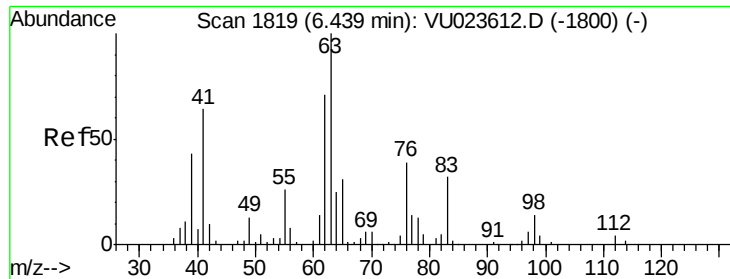
#35
 Methylcyclohexane
 Concen: 1.14 ug/L
 RT: 6.34 min Scan# 1788
 Delta R.T. -0.08 min
 Lab File: VU023617.D
 Acq: 03 May 2018 22:38

Tgt Ion:	83	Resp:	11196
Ion	Ratio	Lower	Upper
83	100		
55	0.9	68.4	102.6#
98	0.4	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: 0.74 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU023617.D

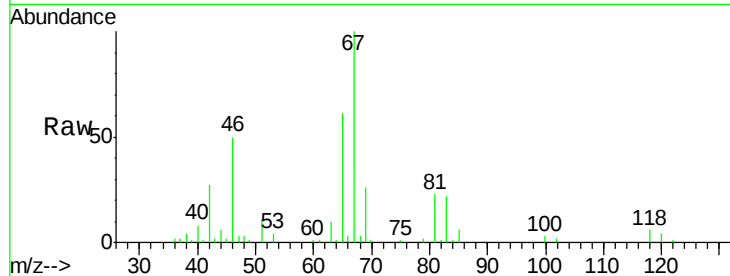
Acq: 03 May 2018 22:38

Tgt Ion: 63 Resp: 5133

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU023617.D (-1726) (-)

Ion 112.10 (111.80 to 112.80): VU023617.D (-1726) (-)

6.34

2500

2000

1500

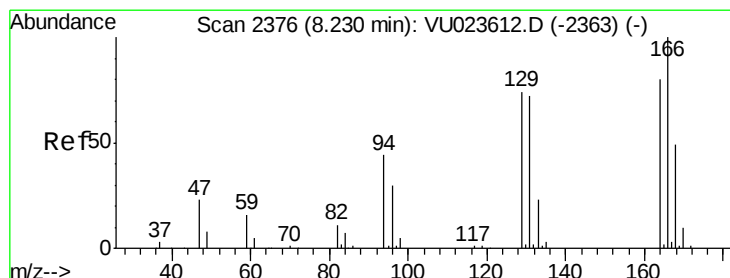
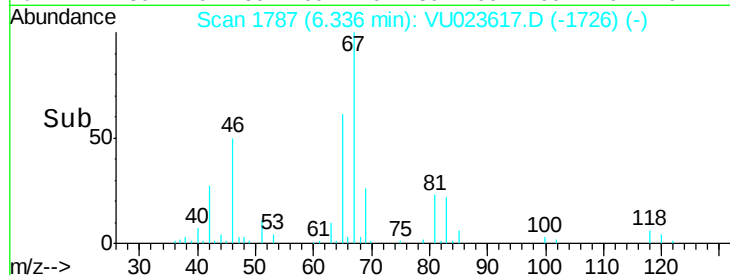
1000

500

0

6.30 6.35 6.40

Time-->



#47

Tetrachloroethene

Concen: 0.48 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU023617.D

Acq: 03 May 2018 22:38

Tgt Ion: 164 Resp: 2489

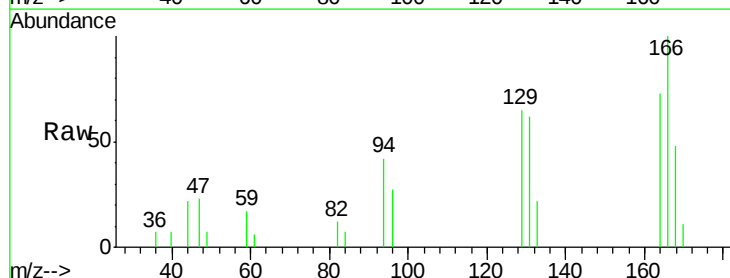
Ion Ratio Lower Upper

164 100

129 89.0 64.4 119.6

131 85.8 63.9 118.7

166 137.8 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): VU023617.D (-2283) (-)

Ion 128.95 (128.65 to 129.65): VU023617.D (-2283) (-)

Ion 130.95 (130.65 to 131.65): VU023617.D (-2283) (-)

Ion 165.90 (165.60 to 166.60): VU023617.D (-2283) (-)

8.23

3000

2500

2000

1500

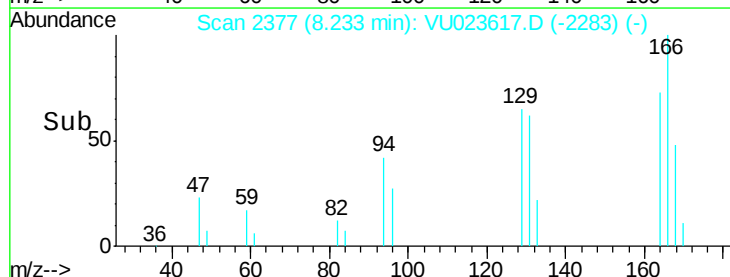
1000

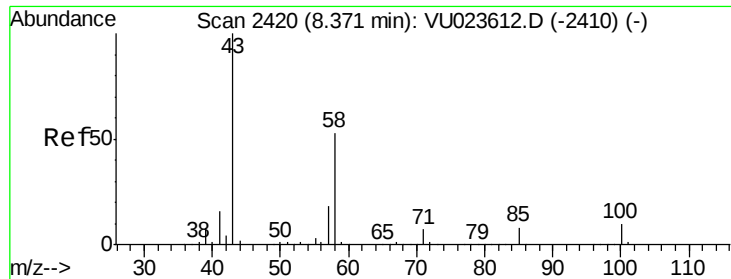
500

0

8.20 8.25

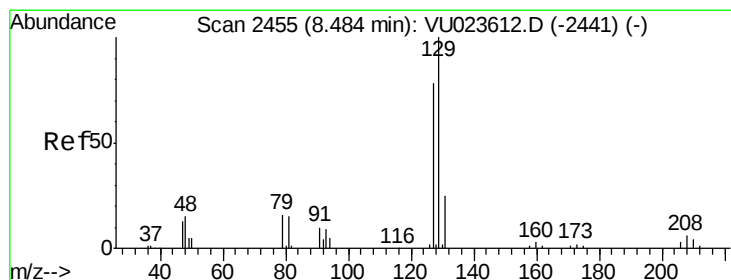
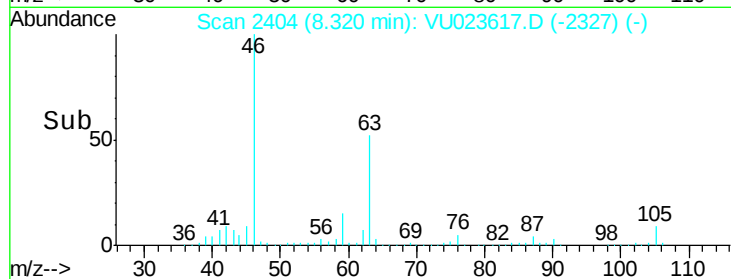
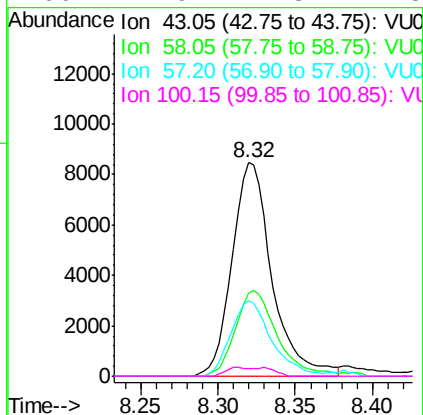
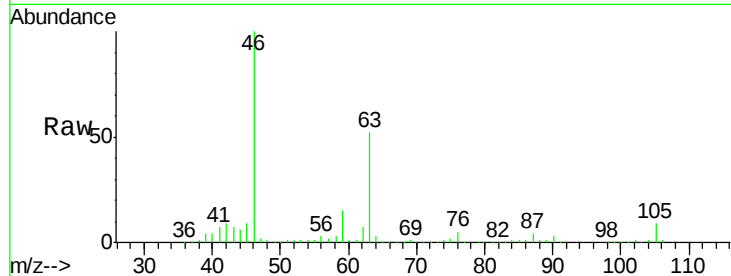
Time-->





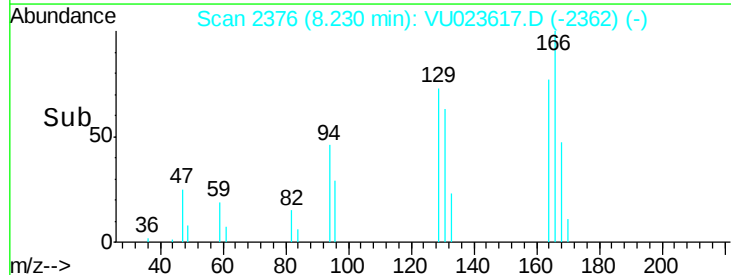
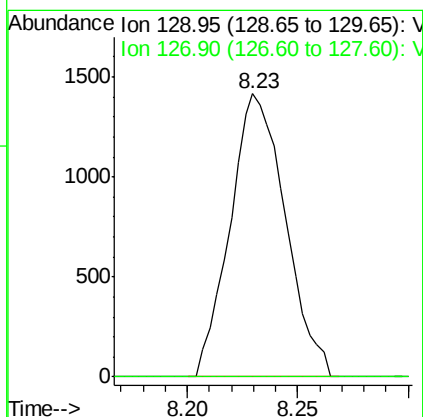
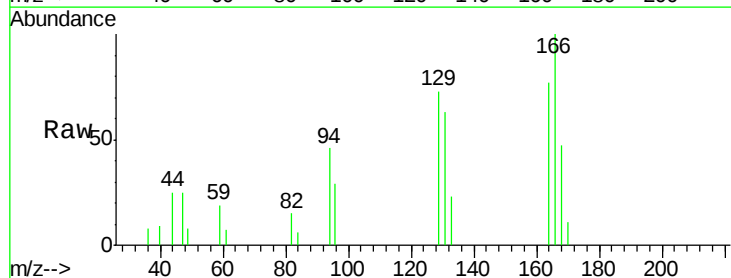
#48
2-Hexanone
Concen: 4.95 ug/L
RT: 8.32 min Scan# 2404
Delta R.T. -0.05 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

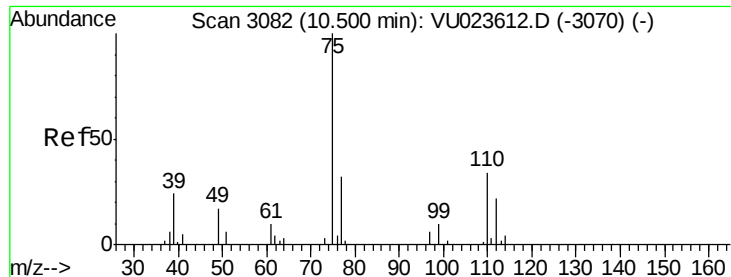
Tgt Ion: 43 Resp: 15187
Ion Ratio Lower Upper
43 100
58 42.2 42.1 63.1
57 35.9 14.3 21.5#
100 1.9 7.8 11.8#



#49
Dibromochloromethane
Concen: 0.49 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU023617.D
Acq: 03 May 2018 22:38

Tgt Ion: 129 Resp: 2458
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#





#59

1,2,3-Trichloropropane

Concen: 0.93 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023617.D

Acq: 03 May 2018 22:38

Tgt Ion: 75 Resp: 3815

Ion Ratio Lower Upper

75 100

77 32.8 26.0 39.0

