

Data File : VU023630.D
Acq On : 04 May 2018 04:30
Operator : MD/SY
Sample : J2630-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 04 05:38:32 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	107128	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101377	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	40525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	91919	11.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	236.60%#
7) Chloroethane-d5	1.68	69	34337	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.28	63	59991	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.23	46	174535	77.64	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.28%#
24) Chloroform-d	4.65	84	80421	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.32	65	48444	6.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.80%
32) Benzene-d6	5.34	84	144093	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.34	67	54440	6.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.00%
41) Toluene-d8	7.57	98	101732	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.86	79	13192	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.32	63	114663	68.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.14%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	47648	6.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	135.20%#
64) 1,2-Dichlorobenzene-d4	11.87	152	42772	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

						Qvalue
3) Chloromethane	1.40	50	45599	4.15	ug/L	# 43
5) Vinyl chloride	1.40	62	7700502	768.86	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1643	0.25	ug/L	# 74
12) 1,1-Dichloroethene	2.29	96	29559	4.68	ug/L	95
13) Acetone	2.33	43	7238	5.64	ug/L	91
14) Carbon disulfide	2.49	76	23694	1.04	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	7615	0.47	ug/L	# 91
18) trans-1,2-Dichloroethene	2.99	96	695002	99.67	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	20902784	2523.28	ug/L	# 74
34) Trichloroethene	6.19	95	110074	13.84	ug/L	98
35) Methylcyclohexane	6.34	83	12106	1.00	ug/L	# 16
37) 1,2-Dichloropropane	6.34	63	5775	0.68	ug/L	# 89
45) 1,1,2-Trichloroethane	8.23	97	1417	0.27	ug/L	# 1
47) Tetrachloroethene	8.23	164	200038	31.75	ug/L	99
48) 2-Hexanone	8.32	43	14597	3.89	ug/L	# 74
49) Dibromochloromethane	8.23	129	187161	30.68	ug/L	# 9
59) 1,2,3-Trichloropropane	11.49	75	4798	0.96	ug/L	97

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

Data File : VU023630.D
Acq On : 04 May 2018 04:30
Operator : MD/SY
Sample : J2630-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

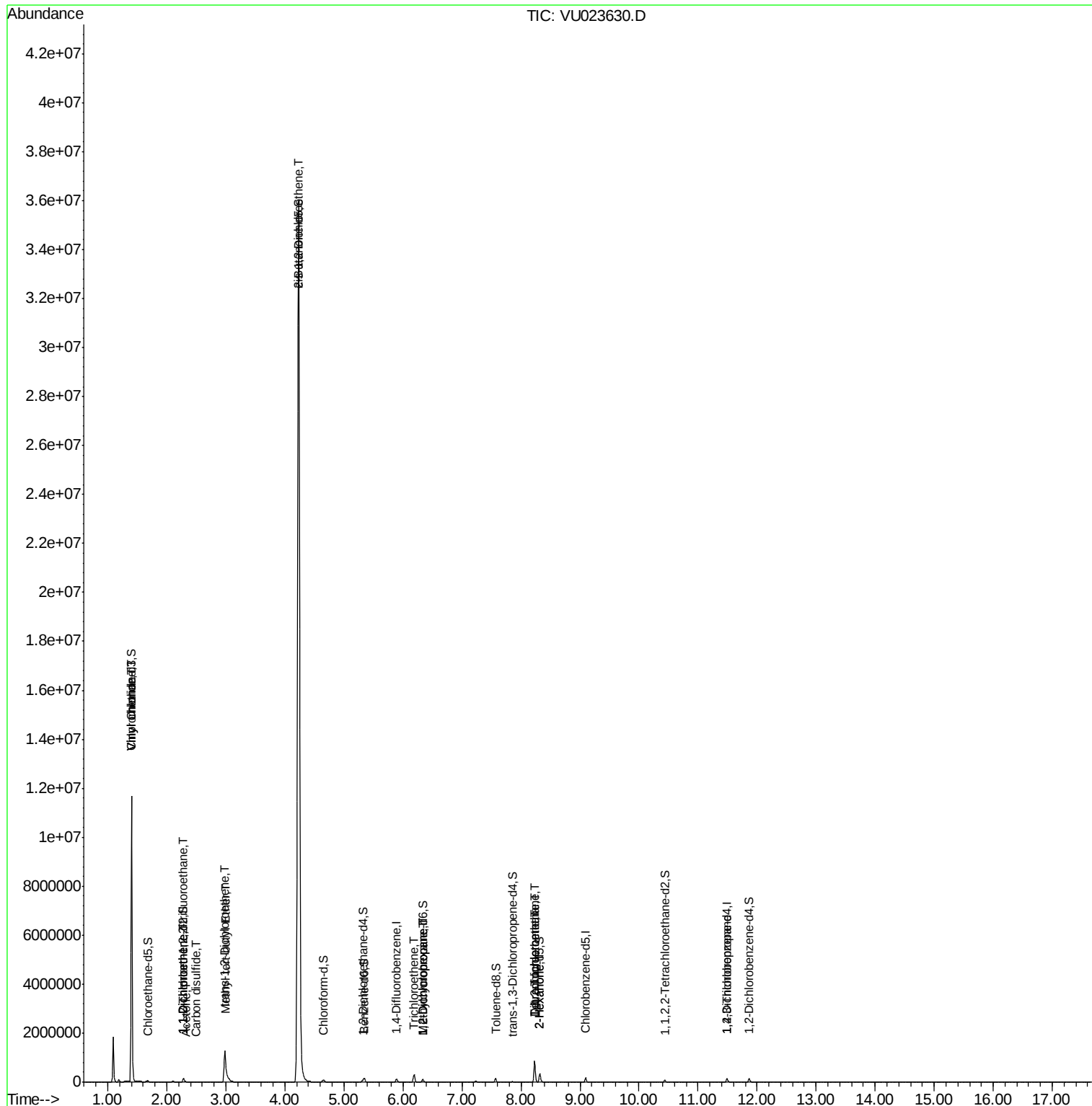
Quant Time: May 04 05:38:32 2018
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMUTR050418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 04 04:44:45 2018
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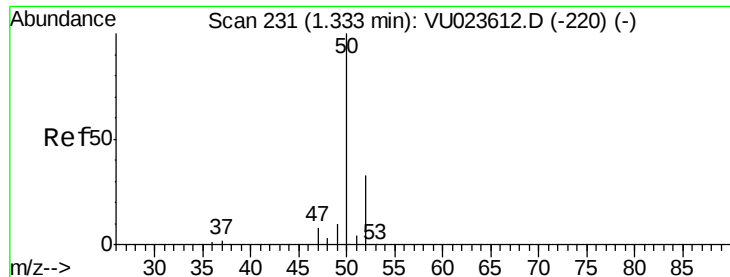
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 4.15 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.07 min

Lab File: VU023630.D

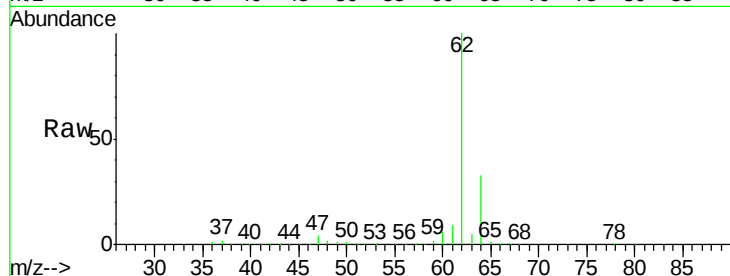
Acq: 04 May 2018 04:30

Tgt Ion: 50 Resp: 45599

Ion Ratio Lower Upper

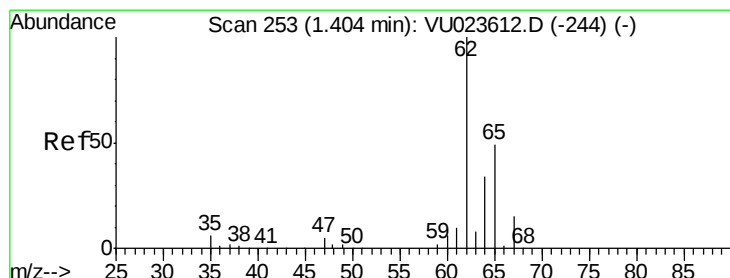
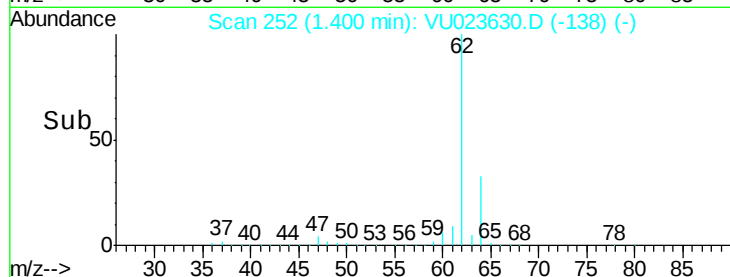
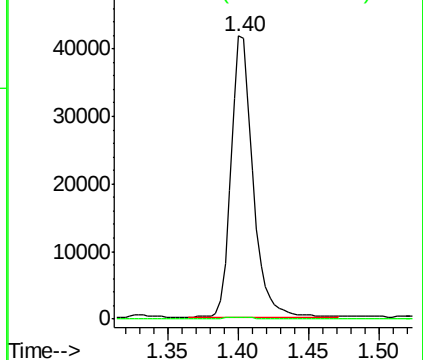
50 100

52 0.8 22.8 42.4#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 768.86 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023630.D

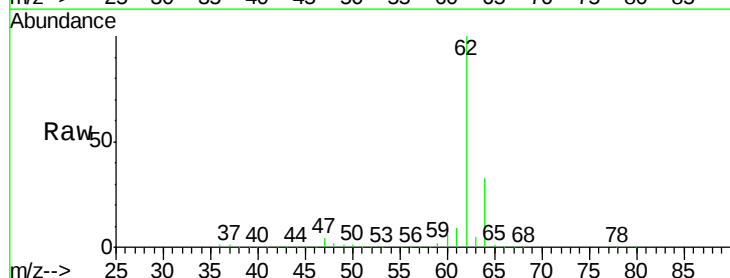
Acq: 04 May 2018 04:30

Tgt Ion: 62 Resp: 7700502

Ion Ratio Lower Upper

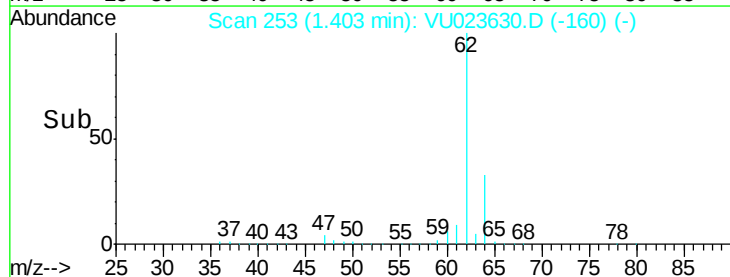
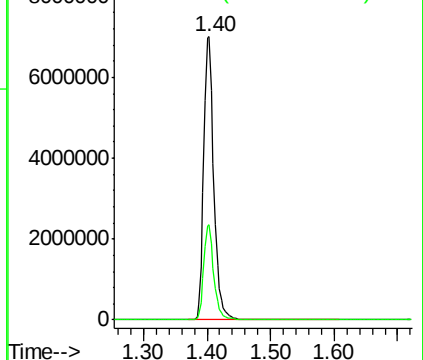
62 100

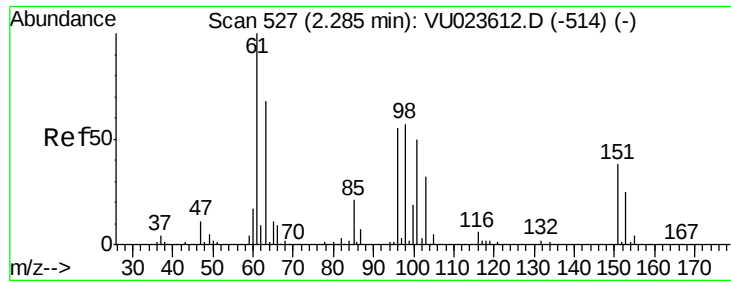
64 33.4 26.9 49.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.25 ug/L

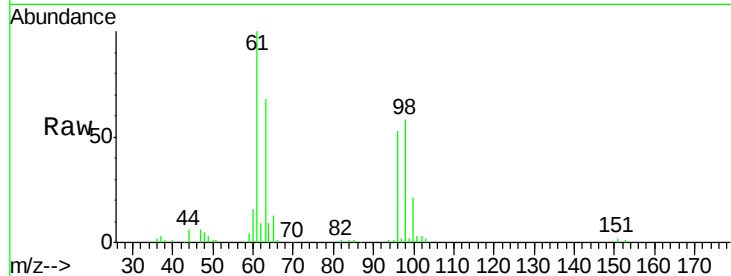
RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023630.D

Acq: 04 May 2018 04:30

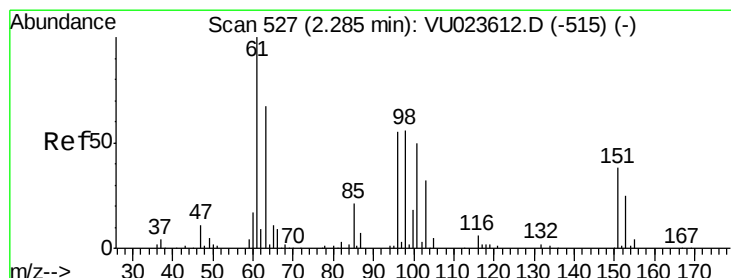
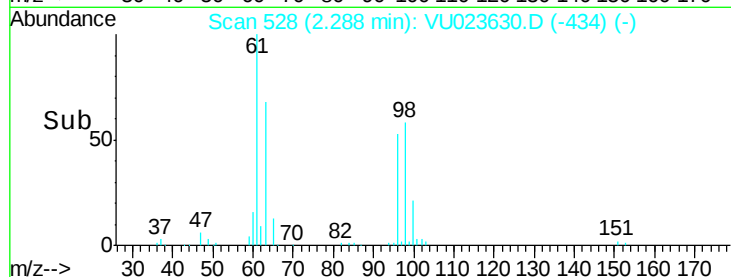
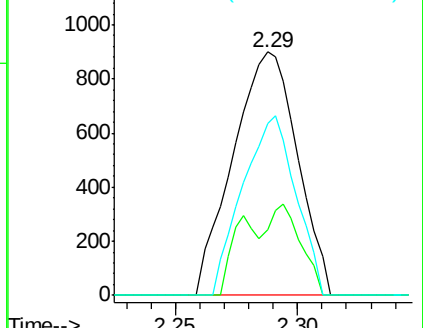
Tgt Ion:	101	Resp:	1643
Ion	Ratio	Lower	Upper
101	100		
85	19.3	34.5	51.7#
151	61.2	62.9	94.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.68 ug/L

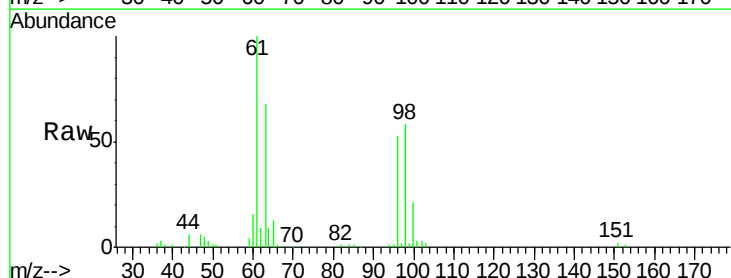
RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU023630.D

Acq: 04 May 2018 04:30

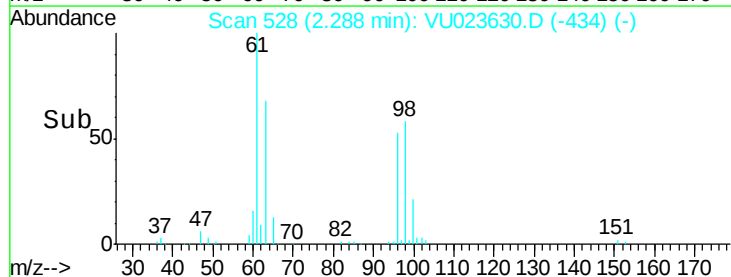
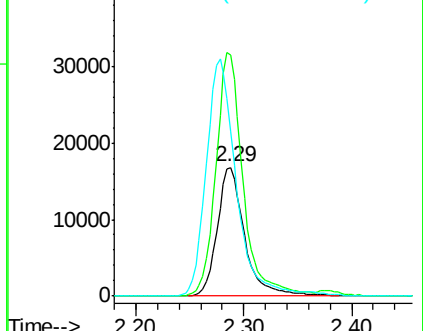
Tgt Ion:	96	Resp:	29559
Ion	Ratio	Lower	Upper
96	100		
61	187.5	127.4	236.6
63	127.6	84.8	157.4

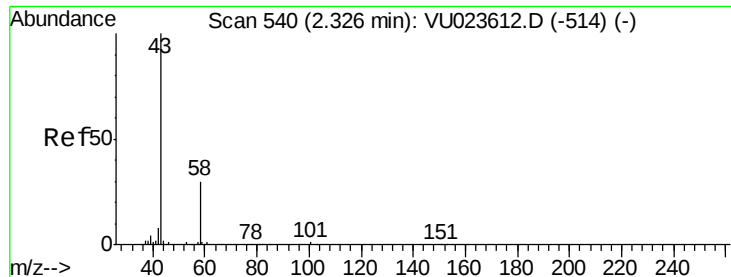


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 5.64 ug/L

RT: 2.33 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU023630.D

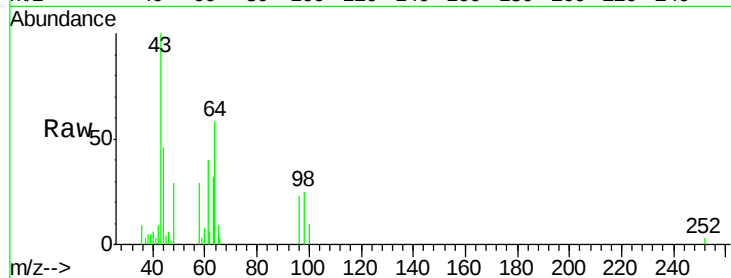
Acq: 04 May 2018 04:30

Tgt Ion: 43 Resp: 7238

Ion Ratio Lower Upper

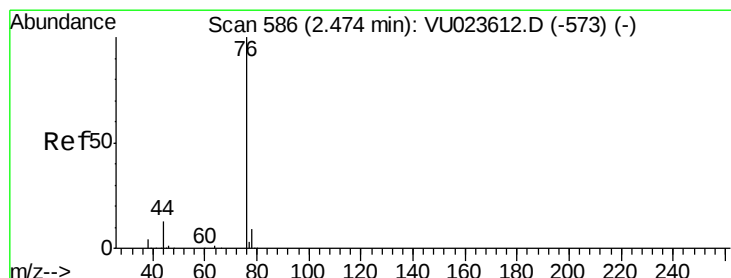
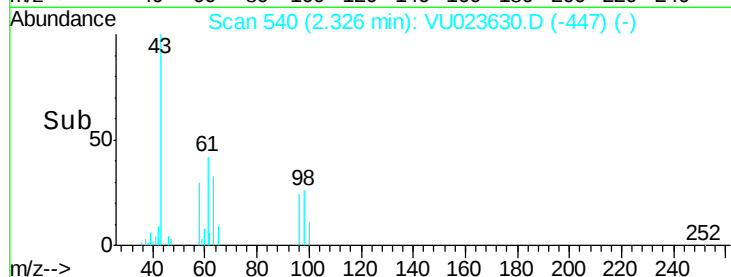
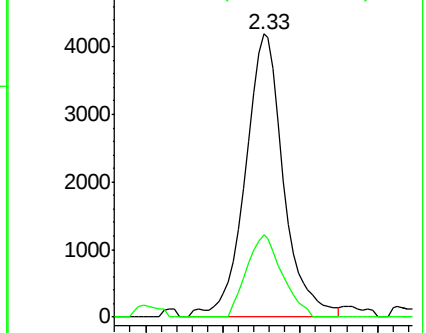
43 100

58 26.9 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: 1.04 ug/L

RT: 2.49 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU023630.D

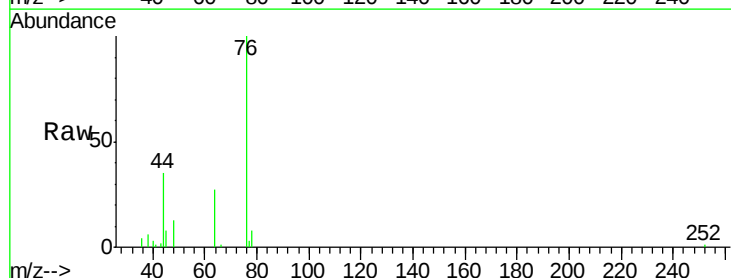
Acq: 04 May 2018 04:30

Tgt Ion: 76 Resp: 23694

Ion Ratio Lower Upper

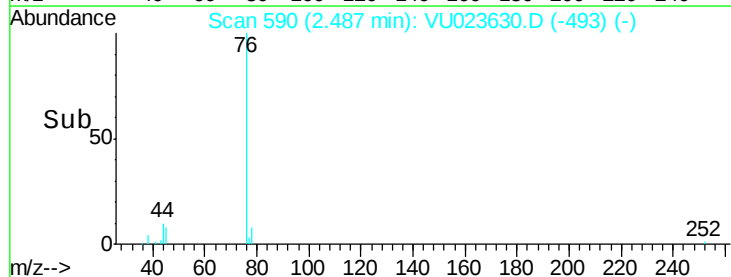
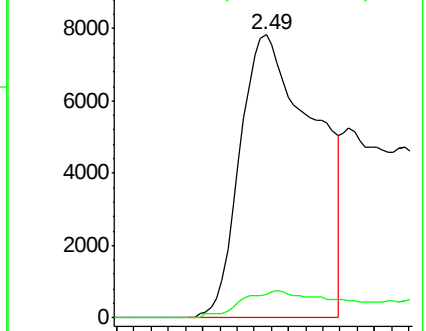
76 100

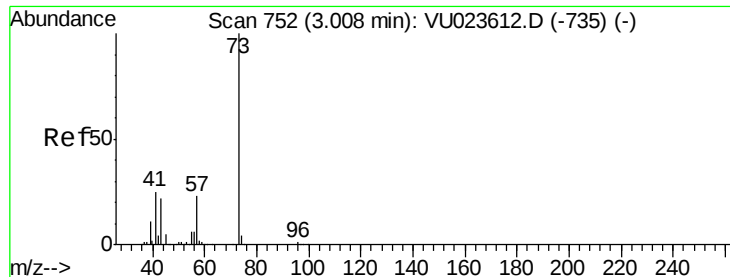
78 8.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0





#17

Methyl tert-butyl Ether

Concen: 0.47 ug/L

RT: 3.00 min Scan# 751

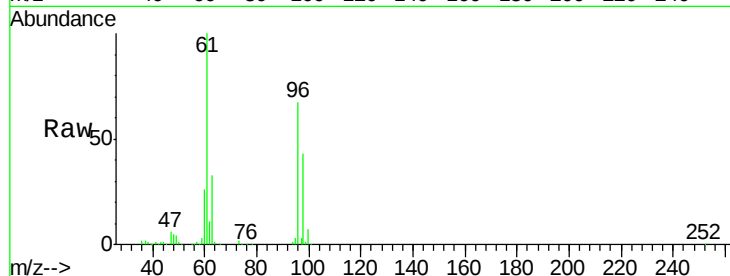
Delta R.T. -0.00 min

Lab File: VU023630.D

Acq: 04 May 2018 04:30

Tgt Ion: 73 Resp: 7615

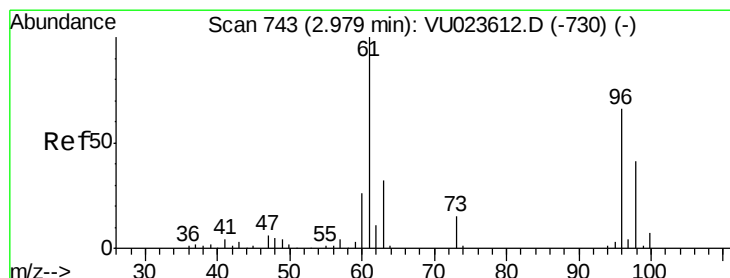
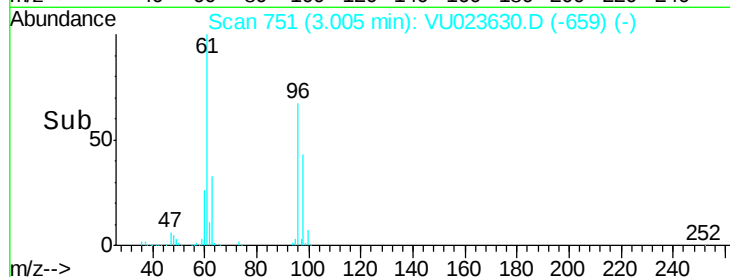
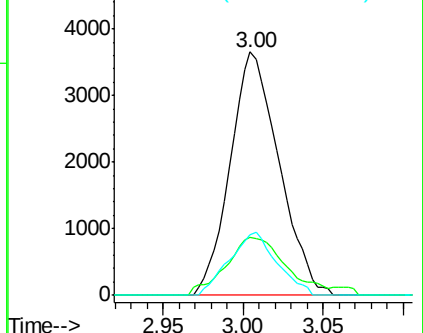
Ion	Ratio	Lower	Upper
73	100		
43	29.3	16.6	25.0#
57	25.2	19.4	29.0



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: 99.67 ug/L

RT: 2.99 min Scan# 745

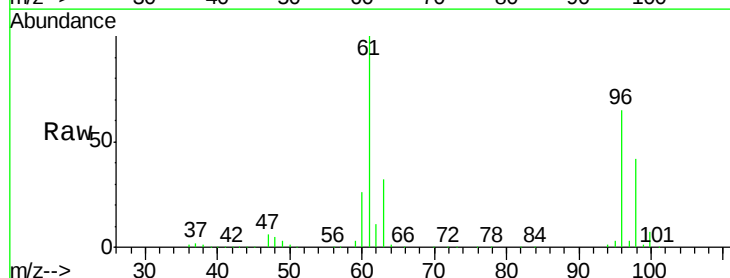
Delta R.T. 0.01 min

Lab File: VU023630.D

Acq: 04 May 2018 04:30

Tgt Ion: 96 Resp: 695002

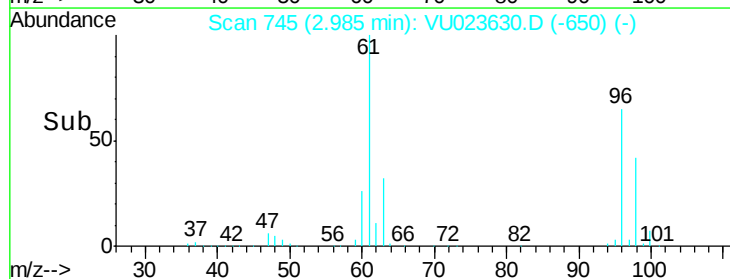
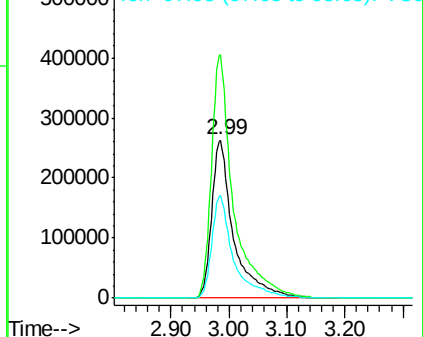
Ion	Ratio	Lower	Upper
96	100		
61	154.0	109.0	202.4
98	65.0	44.7	83.1

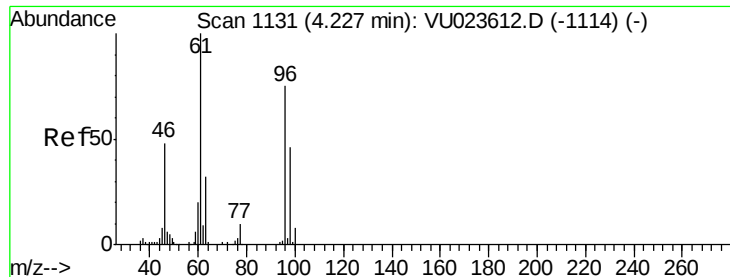


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 2523.28 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.01 min

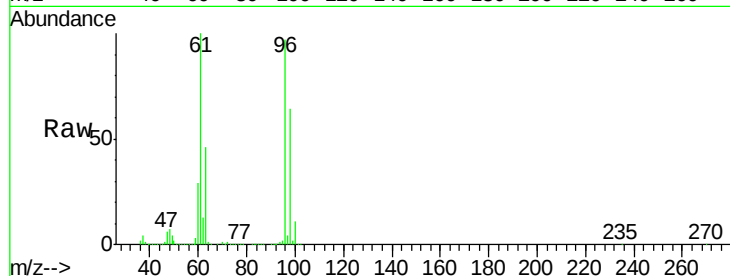
Lab File: VU023630.D

Acq: 04 May 2018 04:30

Tgt Ion: 96 Resp: 20902784

Ion Ratio Lower Upper

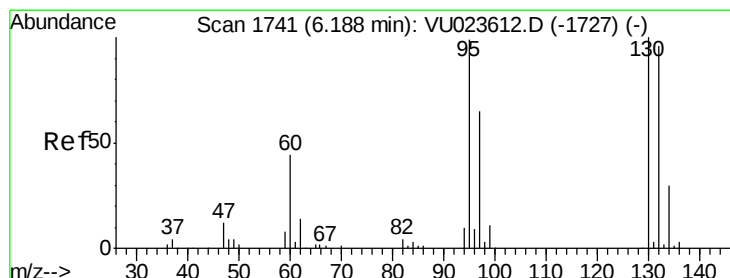
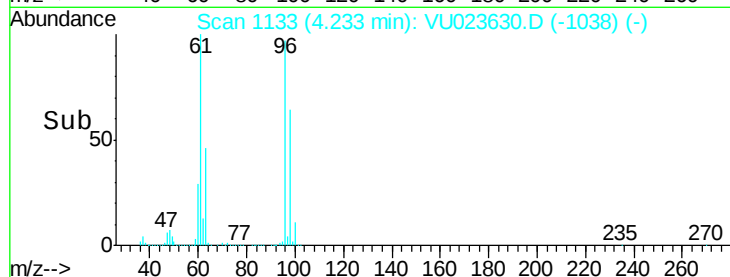
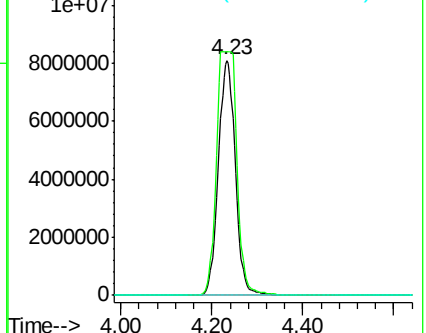
96	100		
61	103.6	94.6	175.6
68	0.0	0.0	0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU023630.D (-1038) (-)

Ion 61.05 (60.75 to 61.75): VU023630.D (-1038) (-)

Ion 68.15 (67.85 to 68.85): VU023630.D (-1038) (-)



#34

Trichloroethene

Concen: 13.84 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023630.D

Acq: 04 May 2018 04:30

Tgt Ion: 95 Resp: 110074

Ion Ratio Lower Upper

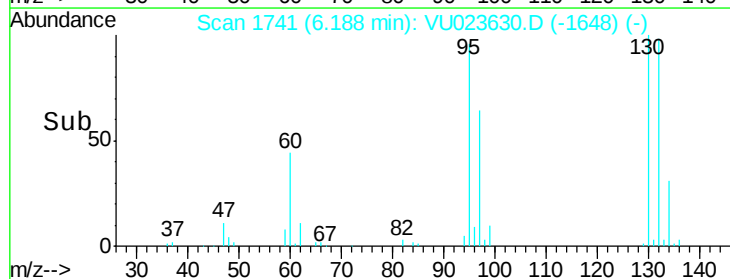
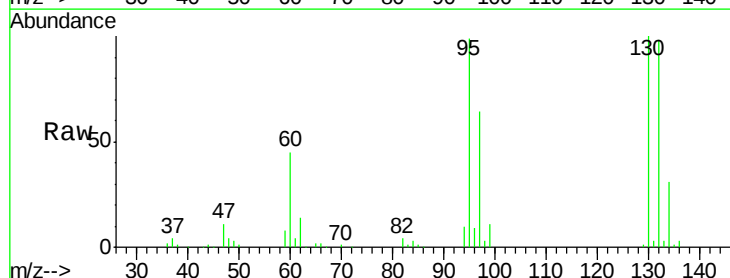
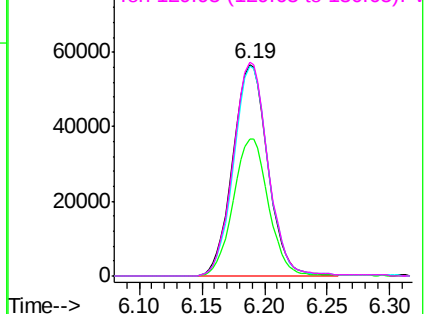
95	100		
97	64.7	46.0	85.4
132	99.5	68.1	126.5
130	101.1	70.1	130.1

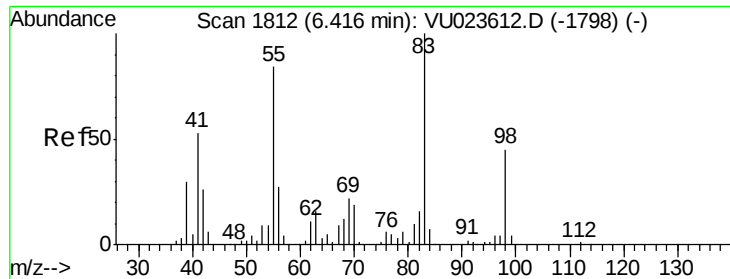
Abundance Ion 95.00 (94.70 to 95.70): VU023630.D (-1648) (-)

Ion 96.95 (96.65 to 97.65): VU023630.D (-1648) (-)

Ion 131.95 (131.65 to 132.65): VU023630.D (-1648) (-)

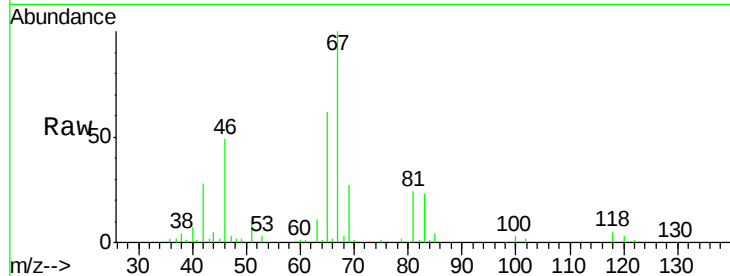
Ion 129.95 (129.65 to 130.65): VU023630.D (-1648) (-)



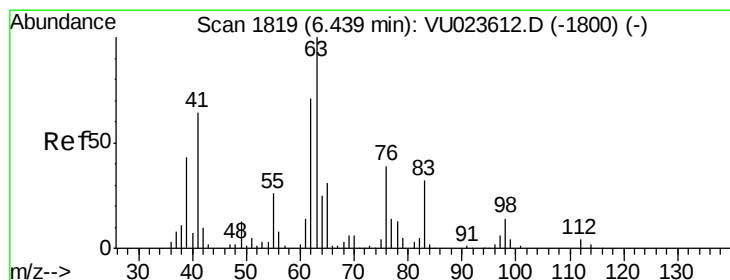
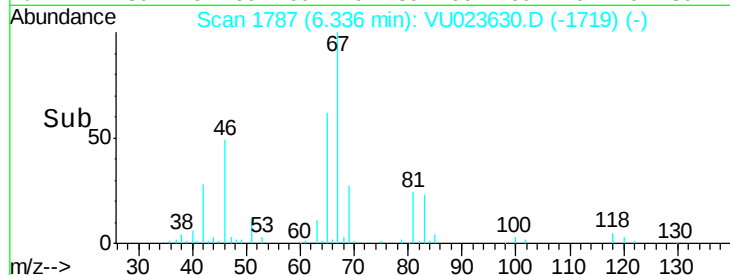
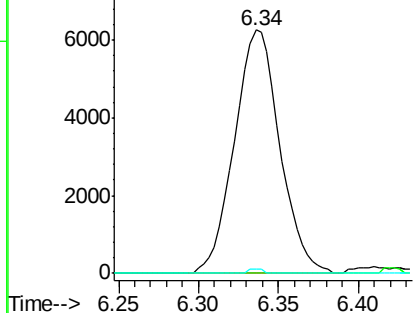


#35
Methylcyclohexane
Concen: 1.00 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU023630.D
Acq: 04 May 2018 04:30

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	68.4	102.6#
98	0.0	36.7	55.1#

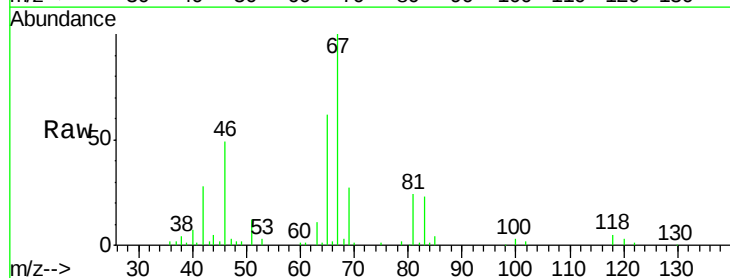


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

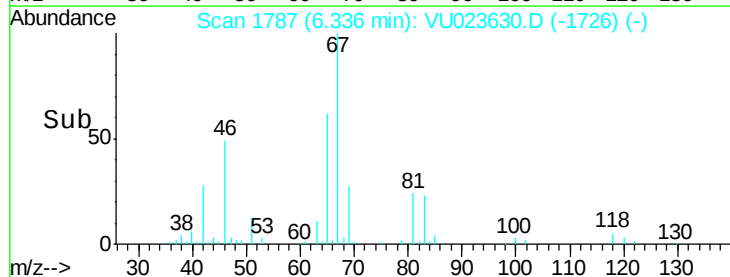
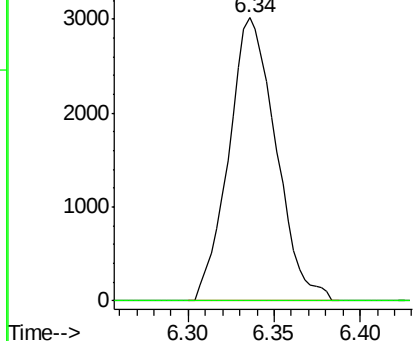


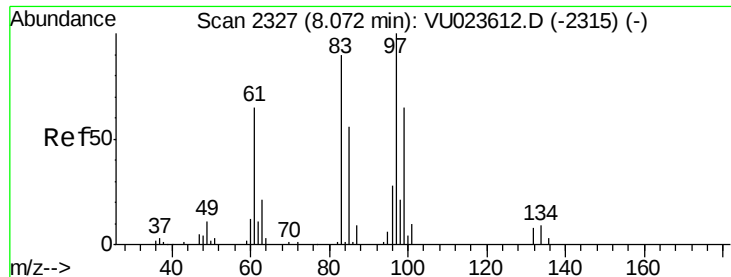
#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU023630.D
Acq: 04 May 2018 04:30

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



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#45

1,1,2-Trichloroethane

Concen: 0.27 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.16 min

Lab File: VU023630.D

Acq: 04 May 2018 04:30

Tgt Ion: 97 Resp: 1417

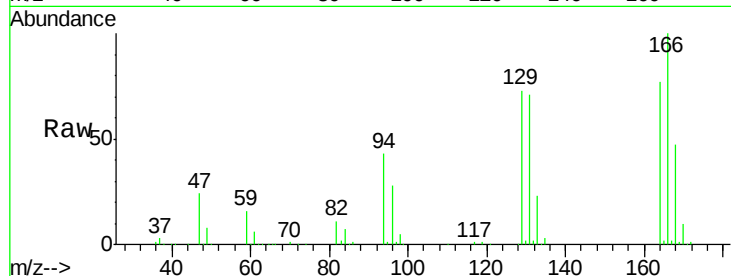
Ion Ratio Lower Upper

97 100

99 16.9 44.0 81.8#

83 295.5 61.6 114.4#

85 40.5 41.8 77.6#

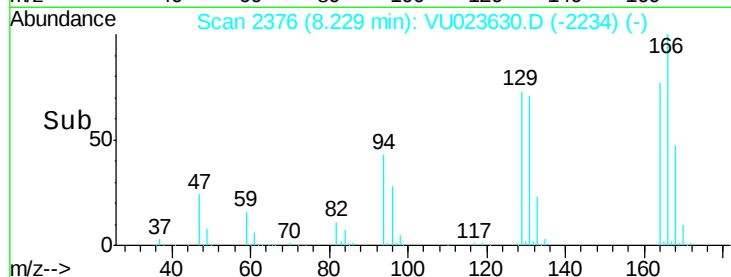


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



Abundance

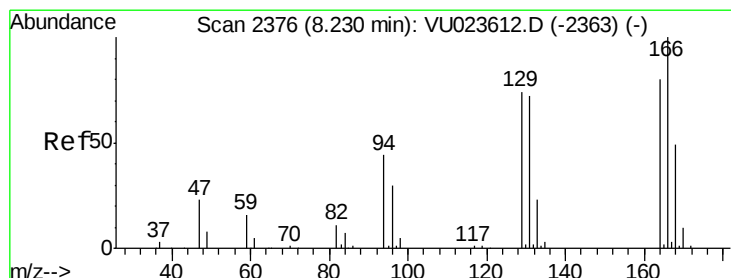
Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Time-->



#47

Tetrachloroethene

Concen: 31.75 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023630.D

Acq: 04 May 2018 04:30

Tgt Ion: 164 Resp: 200038

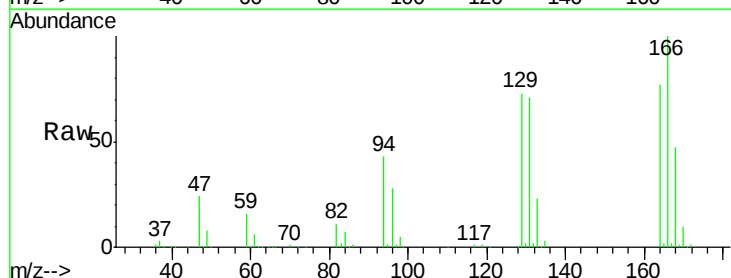
Ion Ratio Lower Upper

164 100

129 94.2 64.4 119.6

131 92.2 63.9 118.7

166 129.2 90.0 167.2

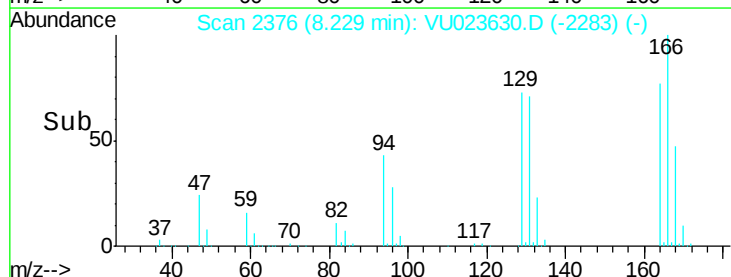


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



Abundance

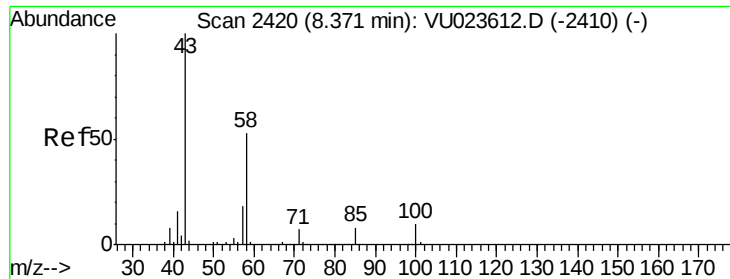
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

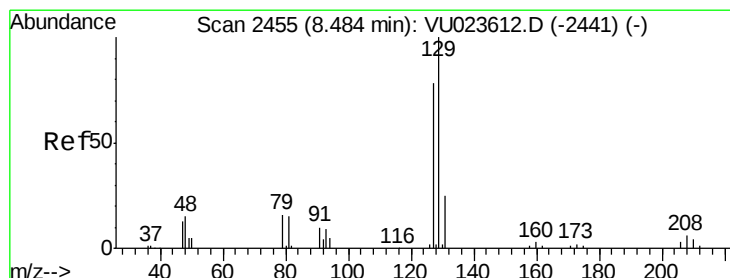
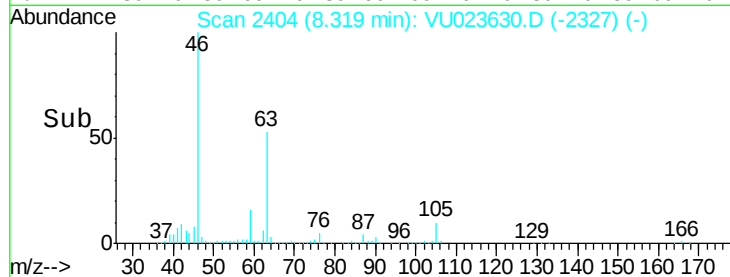
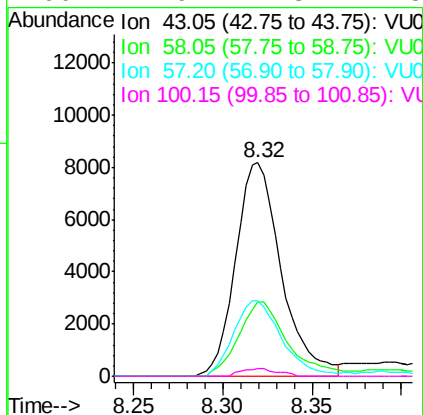
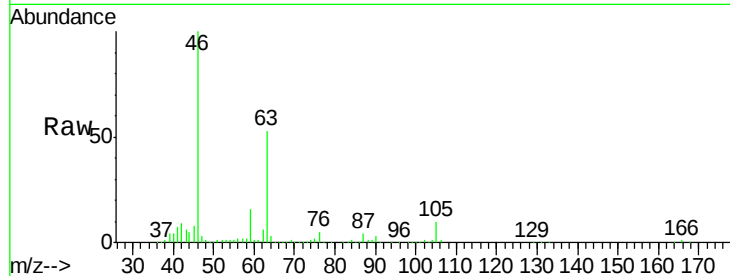
Ion 165.90 (165.60 to 166.60): V

Time-->



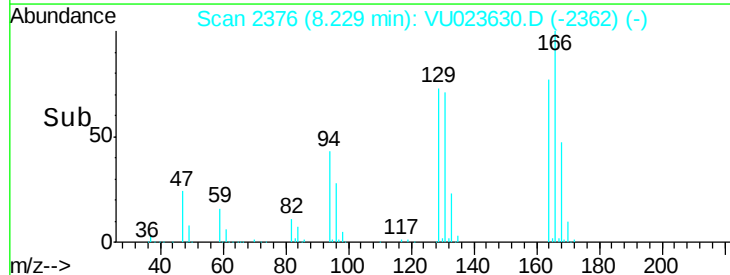
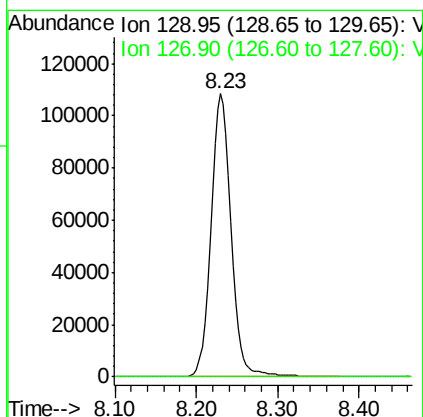
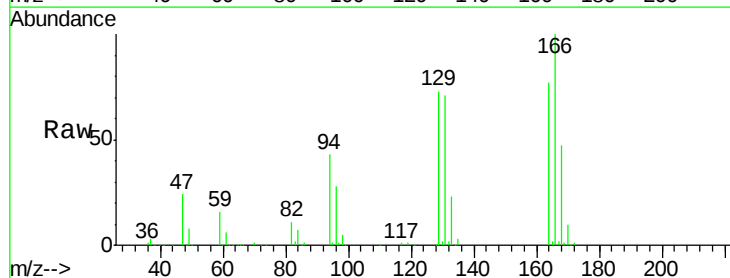
#48
2-Hexanone
Concen: 3.89 ug/L
RT: 8.32 min Scan# 2404
Delta R.T. -0.05 min
Lab File: VU023630.D
Acq: 04 May 2018 04:30

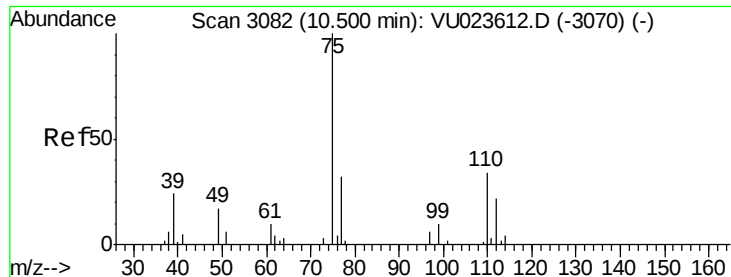
Tgt Ion:	43	Resp:	14597
Ion	Ratio	Lower	Upper
43	100		
58	37.6	42.1	63.1#
57	36.9	14.3	21.5#
100	2.9	7.8	11.8#



#49
Dibromochloromethane
Concen: 30.68 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU023630.D
Acq: 04 May 2018 04:30

Tgt Ion:	129	Resp:	187161
Ion	Ratio	Lower	Upper
129	100		
127	0.0	56.9	105.7#





#59

1,2,3-Trichloropropane

Concen: 0.96 ug/L

RT: 11.49 min Scan# 3390

Delta R.T. 0.99 min

Lab File: VU023630.D

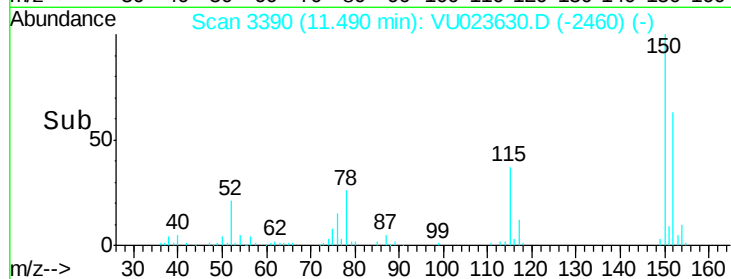
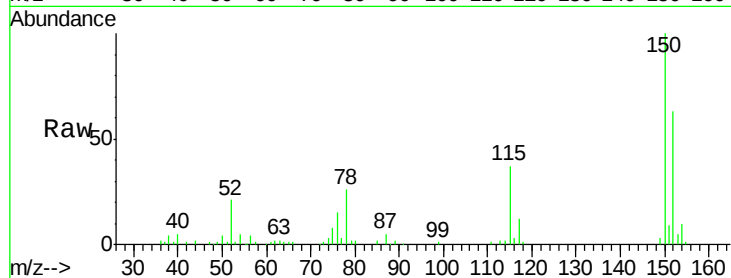
Acq: 04 May 2018 04:30

Tgt Ion: 75 Resp: 4798

Ion Ratio Lower Upper

75 100

77 34.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

