

Data File : VU027620.D
Acq On : 12 Oct 2018 13:53
Operator : MD/SY
Sample : J5380-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COT19

Quant Time: Oct 13 01:41:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156382	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58934	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.78%
7) Chloroethane-d5	1.68	69	48532	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.27	63	84378	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.18	46	104123	104.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	4.65	84	103213	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
26) 1,2-Dichloroethane-d4	5.31	65	70943	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.86%
32) Benzene-d6	5.34	84	212764	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.33	67	73906	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.57	98	174401	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%
43) trans-1,3-Dichloropropene-	7.85	79	31217	46.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.22%
47) 2-Hexanone-d5	8.31	63	70544	99.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93329	50.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	59284	53.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.32%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.89	101	17542	10.064	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	634	0.613	ug/L #	21
12) 1,1-Dichloroethene	2.28	96	635	0.629	ug/L #	1
13) Acetone	2.32	43	2400	2.945	ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	2944	2.372	ug/L	93
34) Trichloroethene	6.19	95	141008	124.665	ug/L	99
35) Methylcyclohexane	6.33	83	15709	7.993	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7786	5.714	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1747	0.873	ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	1354	0.729	ug/L	91
46) Tetrachloroethene	8.23	164	36591	43.529	ug/L	100
49) Dibromochloromethane	8.23	129	34334	30.102	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	7658	4.964	ug/L #	85

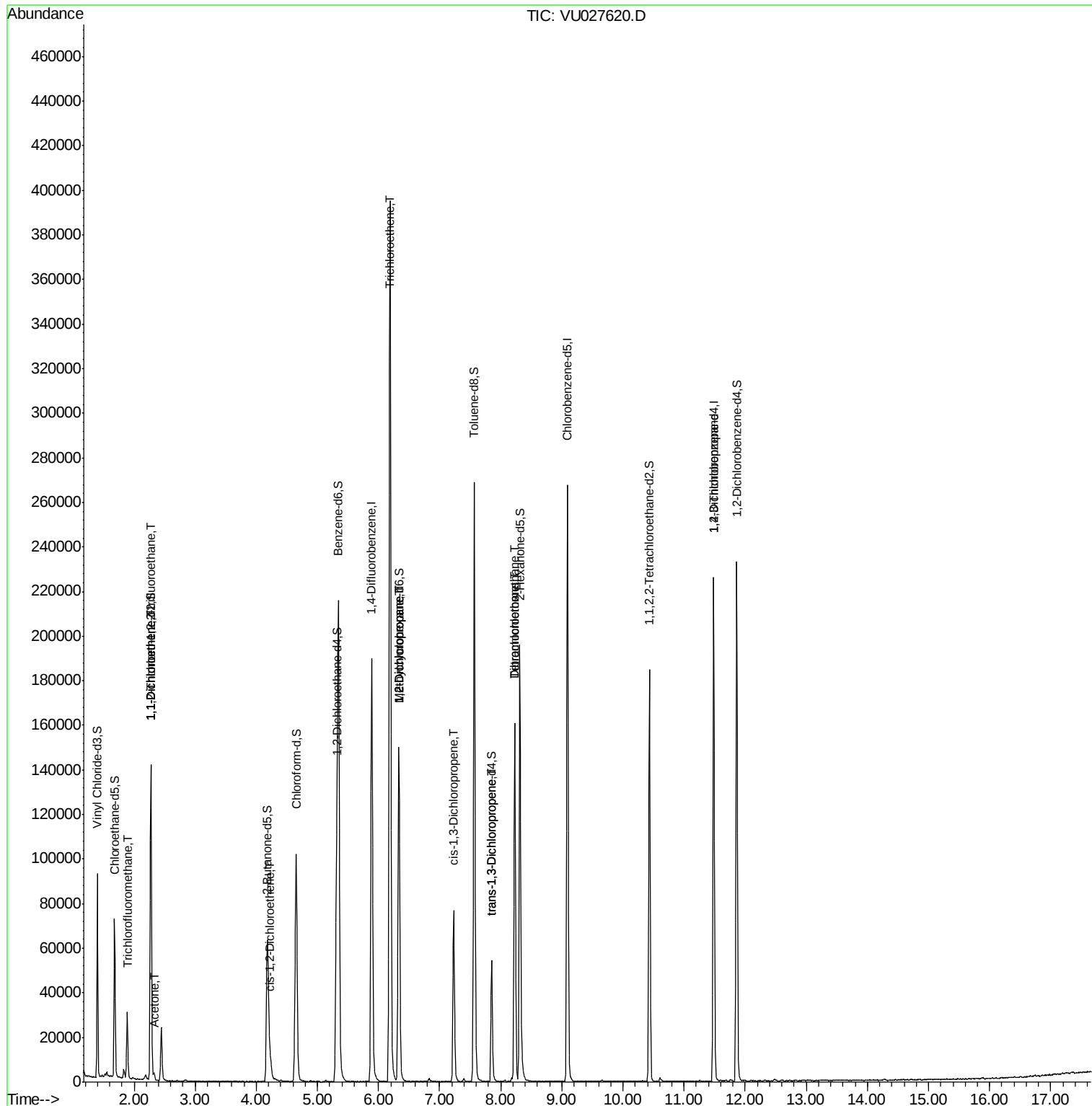
(#) = qualifier out of range (m) = manual integration (+) = signals summed

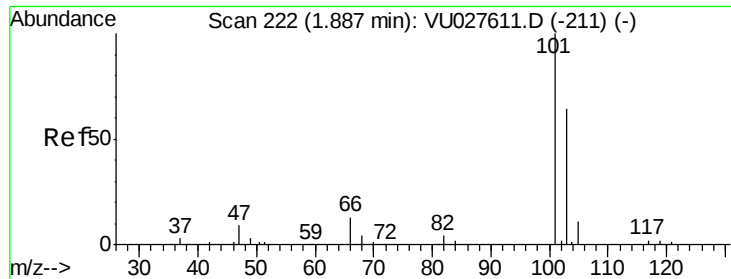
Data File : VU027620.D

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C0T19

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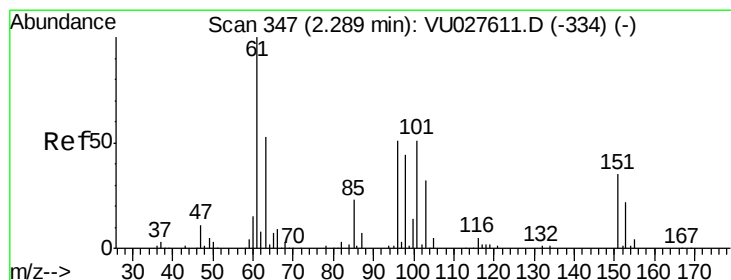
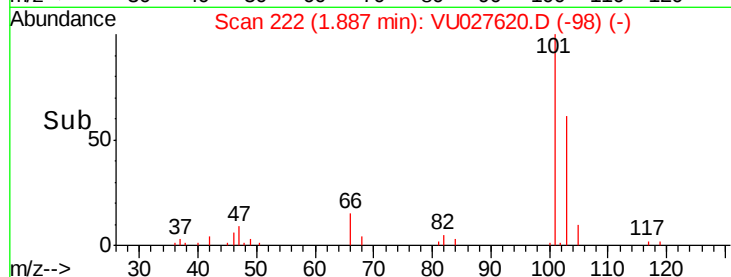
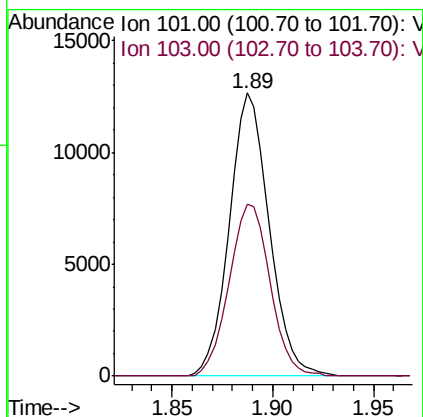
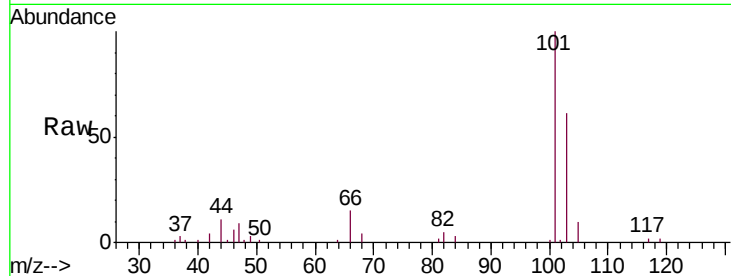


#9

Trichlorofluoromethane
 Concen: 10.064 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T19

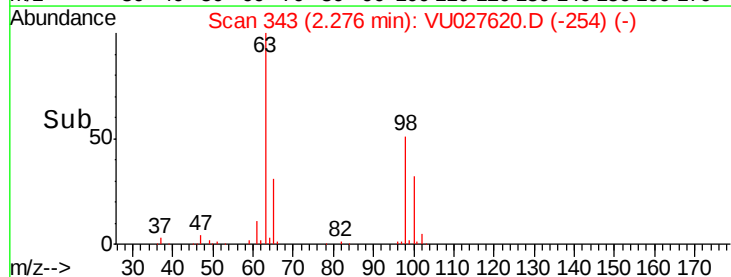
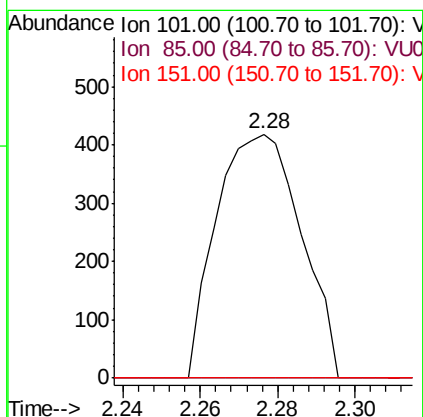
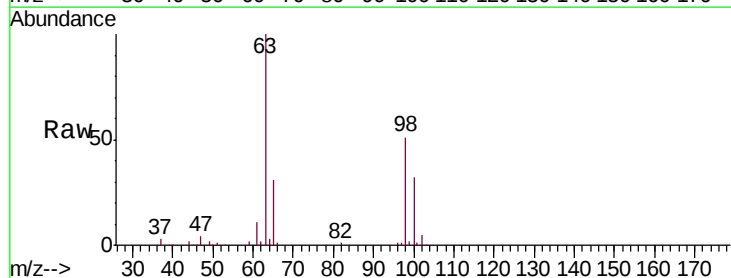
Tgt Ion:101 Resp: 17542
 Ion Ratio Lower Upper
 101 100
 103 62.4 51.1 76.7

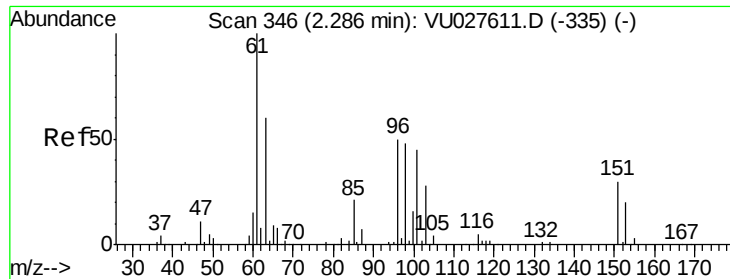


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.613 ug/L
 RT: 2.28 min Scan# 343
 Delta R.T. -0.01 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

Tgt Ion:101 Resp: 634
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 0.0 55.7 83.5#





#12

1,1-Dichloroethene

Concen: 0.629 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027620.D

Acq: 12 Oct 2018 13:53

Instrument :

MSVOA_U

ClientSampled :

C0T19

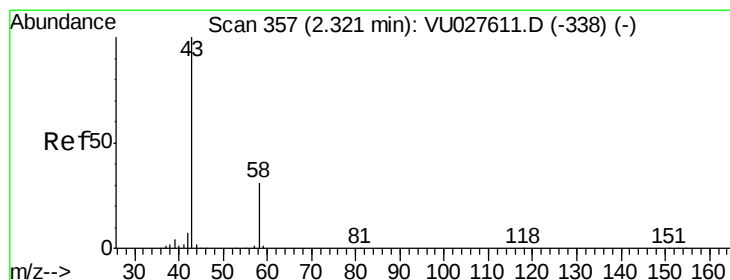
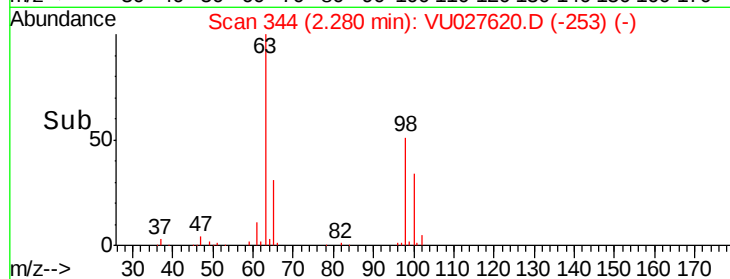
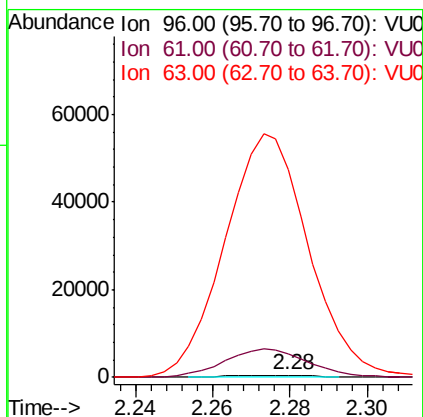
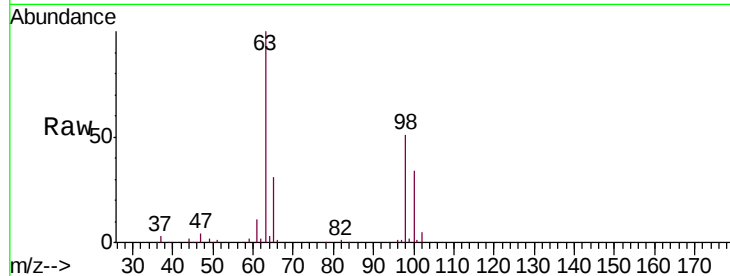
Tgt Ion: 96 Resp: 635

Ion Ratio Lower Upper

96 100

61 1388.2 135.2 251.0#

63 12160.4 94.3 175.1#



#13

Acetone

Concen: 2.945 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027620.D

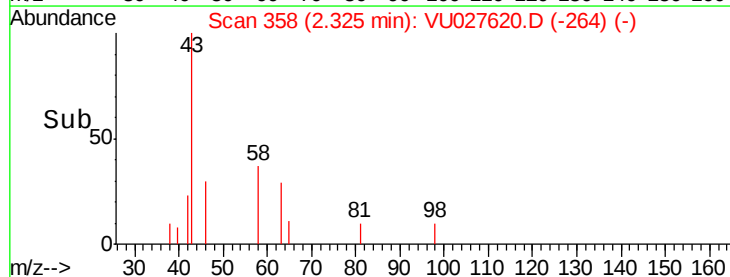
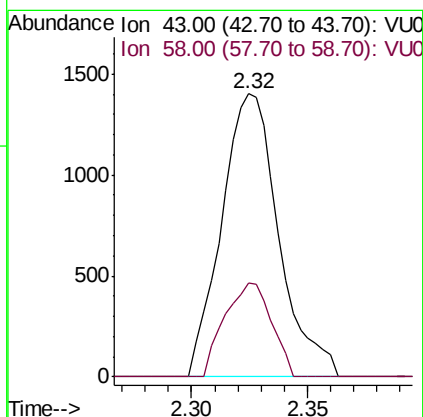
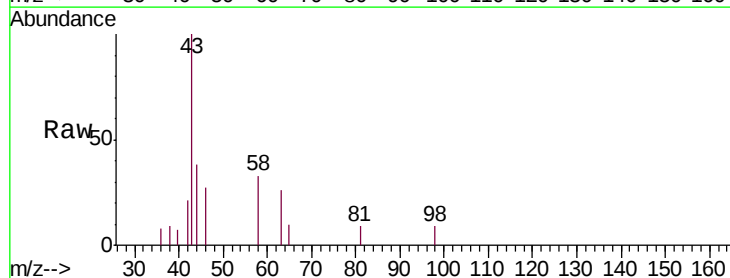
Acq: 12 Oct 2018 13:53

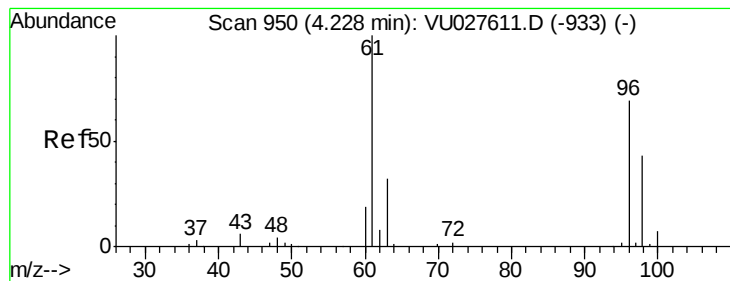
Tgt Ion: 43 Resp: 2400

Ion Ratio Lower Upper

43 100

58 27.2 0.0 60.8





#20

cis-1,2-Dichloroethene

Concen: 2.372 ug/L

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU027620.D

Acq: 12 Oct 2018 13:53

Instrument :

MSVOA_U

ClientSampleId :

C0T19

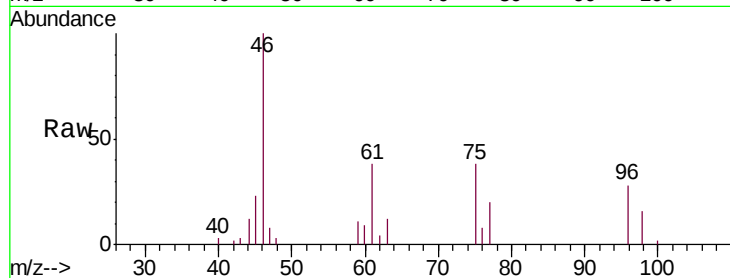
Tgt Ion: 96 Resp: 2944

Ion Ratio Lower Upper

96 100

61 137.3 102.0 189.4

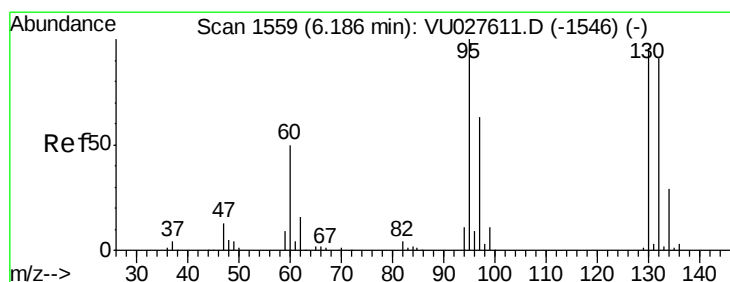
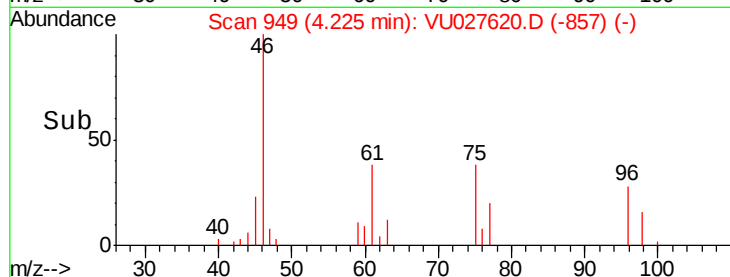
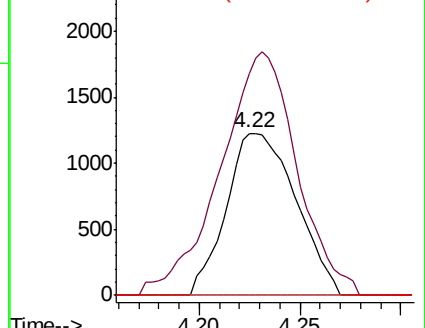
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU027611.D (-933) (-)

Ion 61.00 (60.70 to 61.70): VU027611.D (-933) (-)

Ion 68.00 (67.70 to 68.70): VU027611.D (-933) (-)



#34

Trichloroethene

Concen: 124.665 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027620.D

Acq: 12 Oct 2018 13:53

Tgt Ion: 95 Resp: 141008

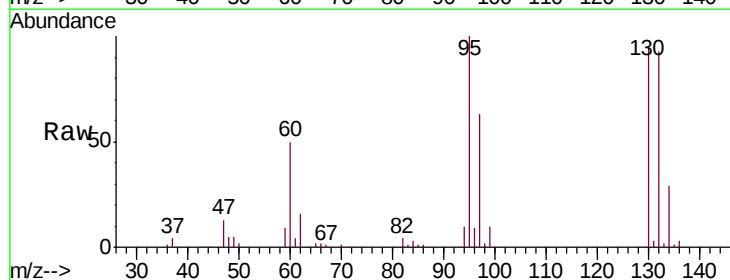
Ion Ratio Lower Upper

95 100

97 63.3 44.9 83.3

132 92.5 64.8 120.4

130 94.7 67.1 124.7

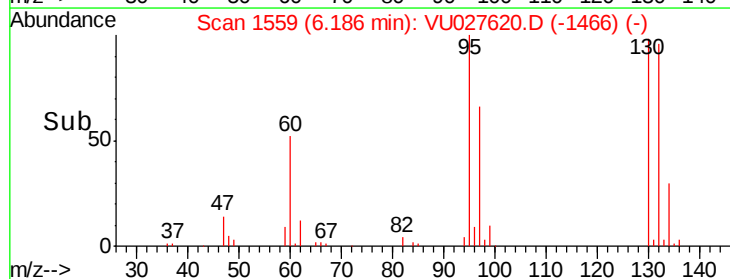
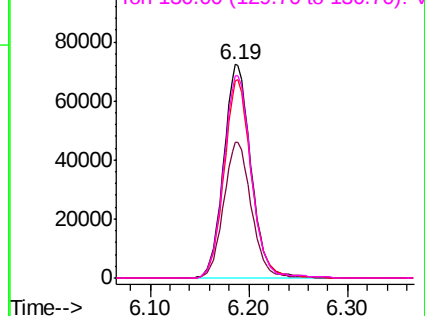


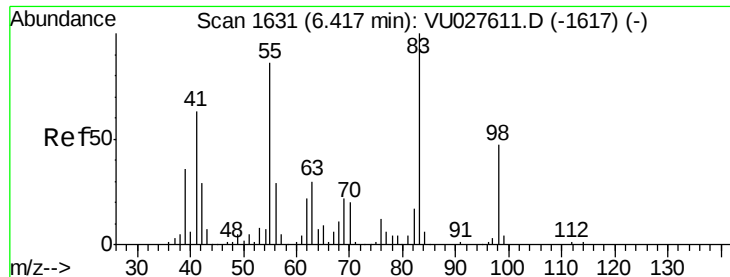
Abundance Ion 95.00 (94.70 to 95.70): VU027611.D (-1546) (-)

Ion 97.00 (96.70 to 97.70): VU027611.D (-1546) (-)

Ion 132.00 (131.70 to 132.70): VU027611.D (-1546) (-)

Ion 130.00 (129.70 to 130.70): VU027611.D (-1546) (-)

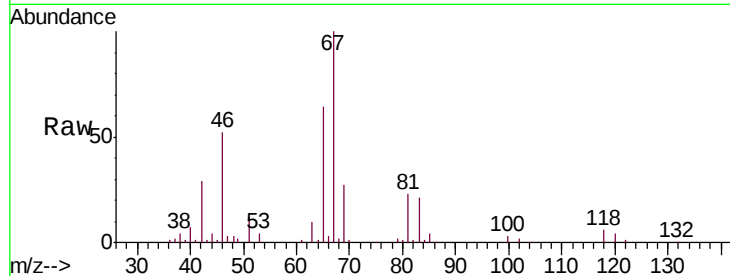




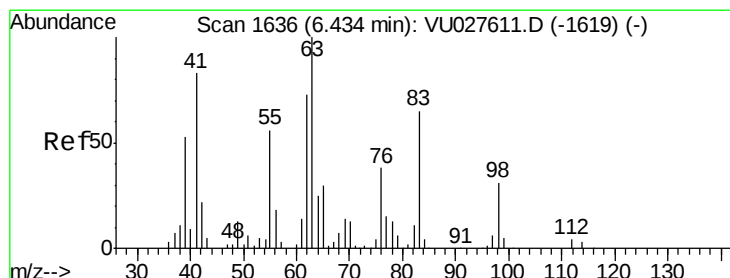
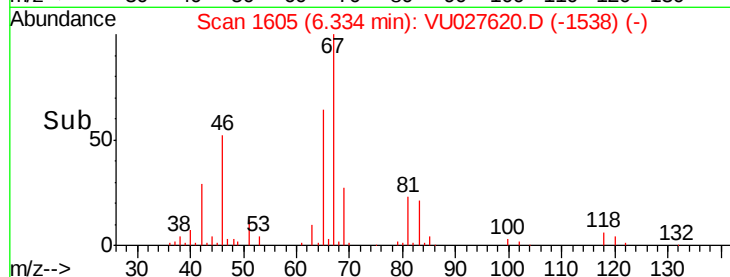
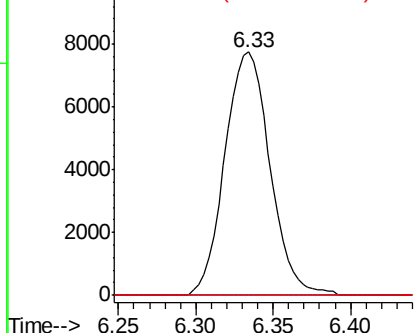
#35
Methylcyclohexane
Concen: 7.993 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027620.D
Acq: 12 Oct 2018 13:53

Instrument :
MSVOA_U
ClientSampleId :
C0T19

Tgt Ion: 83 Resp: 15709
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.0 37.1 55.7#

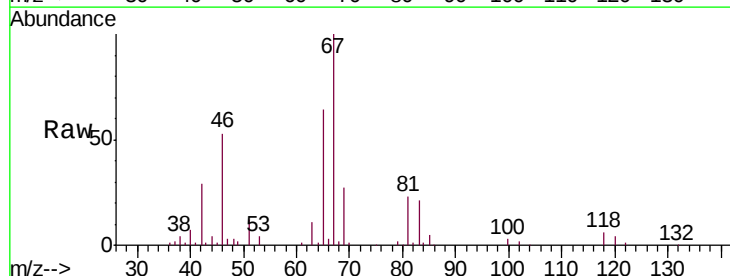


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

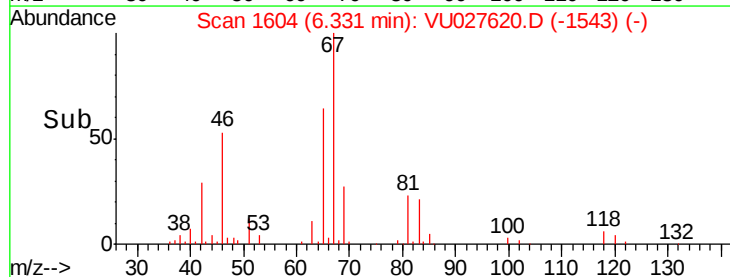
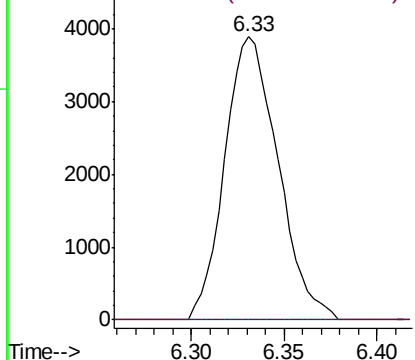


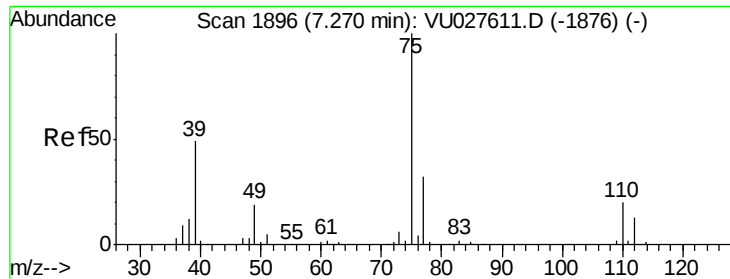
#37
1,2-Dichloropropane
Concen: 5.714 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027620.D
Acq: 12 Oct 2018 13:53

Tgt Ion: 63 Resp: 7786
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

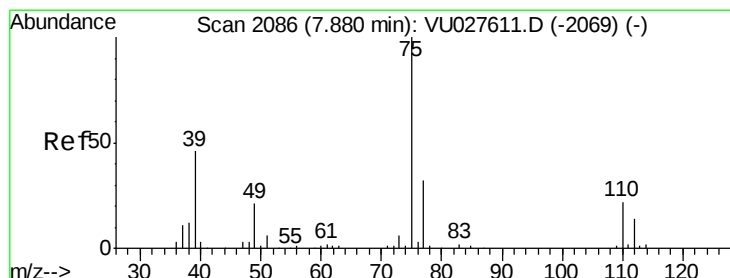
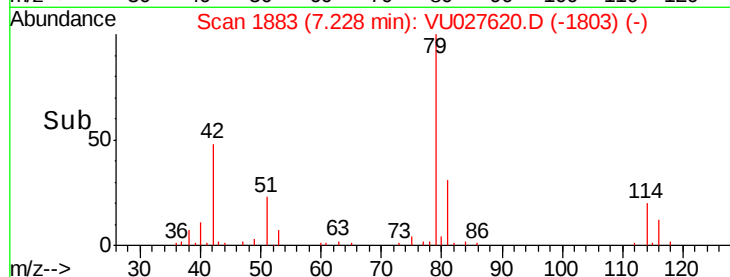
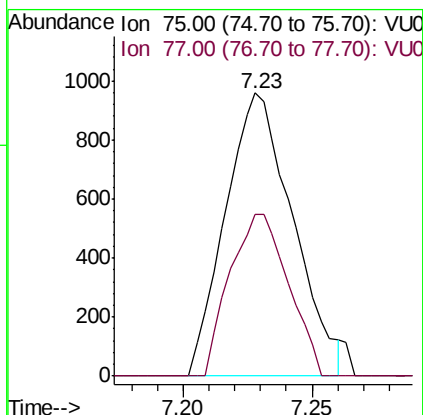
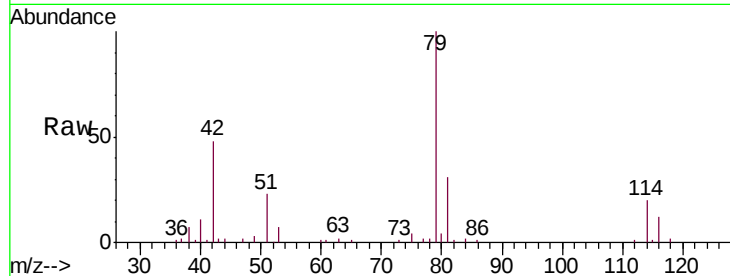




#39
 cis-1,3-Dichloropropene
 Concen: 0.873 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

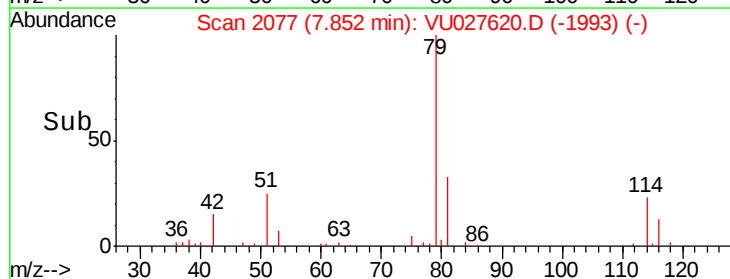
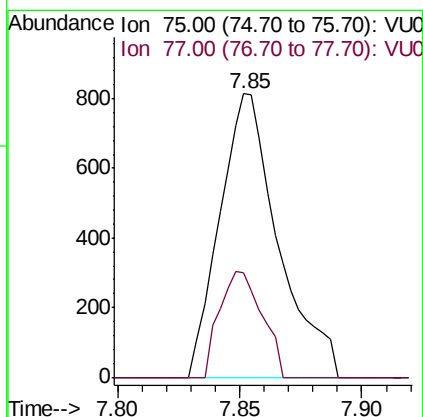
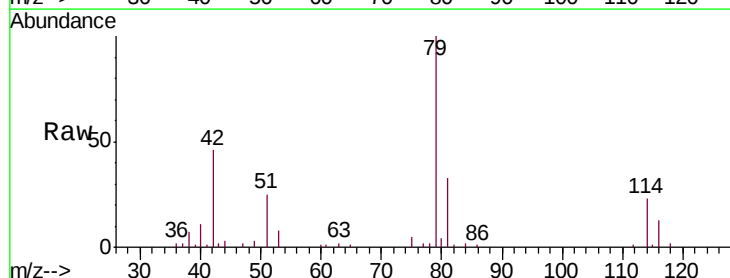
Instrument :
 MSVOA_U
 ClientSampled :
 COT19

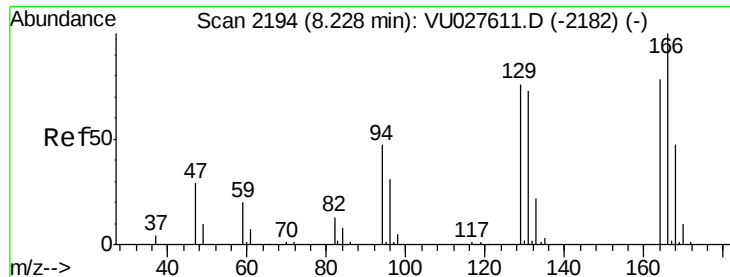
Tgt Ion: 75 Resp: 1747
 Ion Ratio Lower Upper
 75 100
 77 57.0 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.729 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027620.D
 Acq: 12 Oct 2018 13:53

Tgt Ion: 75 Resp: 1354
 Ion Ratio Lower Upper
 75 100
 77 36.9 22.2 41.2





#46

Tetrachloroethene

Concen: 43.529 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027620.D

Acq: 12 Oct 2018 13:53

Instrument :

MSVOA_U

ClientSampleId :

C0T19

Tgt Ion:164 Resp: 36591

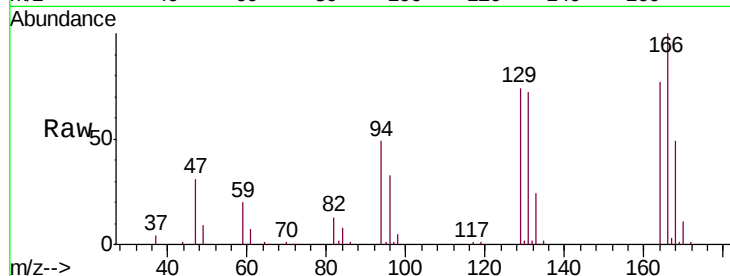
Ion Ratio Lower Upper

164 100

129 96.2 67.0 124.4

131 93.0 65.1 120.9

166 129.1 90.4 167.8

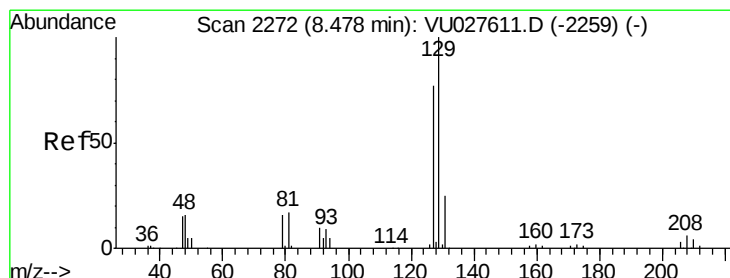
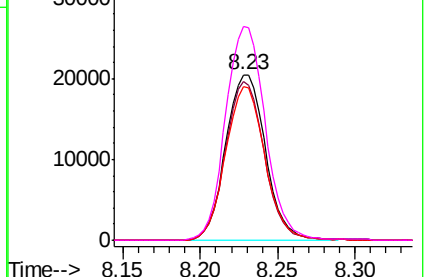
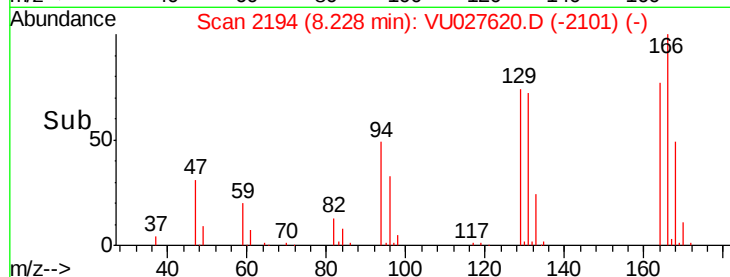


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 30.102 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027620.D

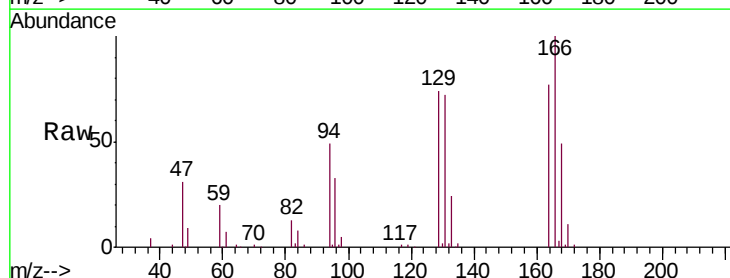
Acq: 12 Oct 2018 13:53

Tgt Ion:129 Resp: 34334

Ion Ratio Lower Upper

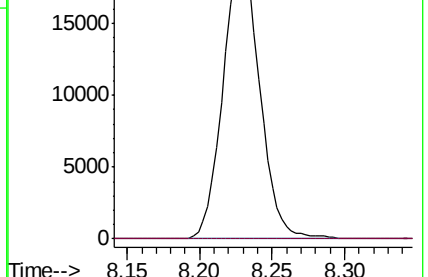
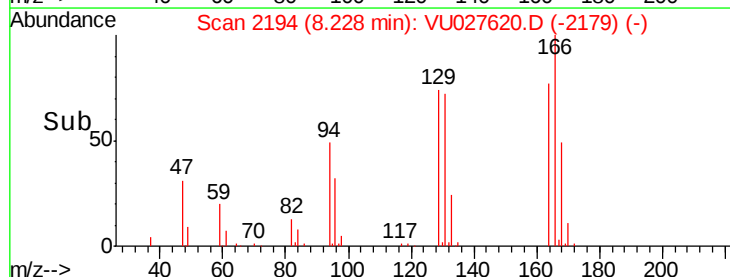
129 100

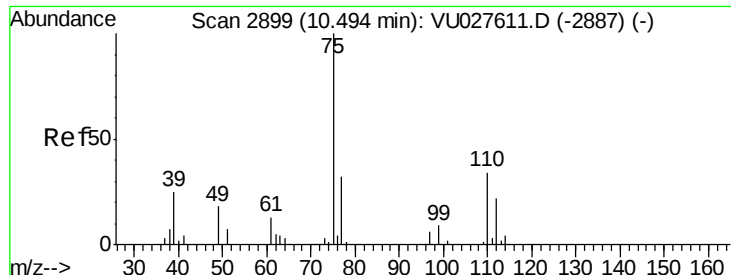
127 0.0 52.7 97.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.964 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027620.D

Acq: 12 Oct 2018 13:53

Instrument :

MSVOA_U

ClientSampleId :

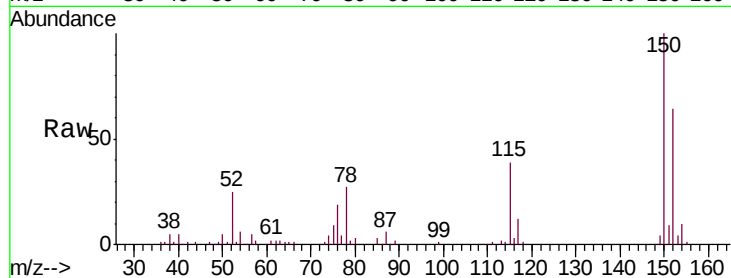
C0T19

Tgt Ion: 75 Resp: 7658

Ion Ratio Lower Upper

75 100

77 40.3 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

