

Data File : VU027848.D
Acq On : 29 Oct 2018 11:47
Operator : MD/SY
Sample : J5635-25ME
Misc : 4.91g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A40G1ME

Quant Time: Oct 30 02:30:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	132771	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	129995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	72166	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56845	55.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.06%
7) Chloroethane-d5	1.64	69	48240	60.65	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.30%
11) 1,1-Dichloroethene-d2	2.24	63	81579	43.85	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
21) 2-Butanone-d5	4.20	46	106639	121.13	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.13%
24) Chloroform-d	4.65	84	106901	57.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.12%
26) 1,2-Dichloroethane-d4	5.31	65	78657	61.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.34%
32) Benzene-d6	5.33	84	214569	57.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.92%
36) 1,2-Dichloropropane-d6	6.33	67	78054	59.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.10%
41) Toluene-d8	7.57	98	203889	59.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.42%
43) trans-1,3-Dichloropropene-	7.85	79	38203	59.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.04%
47) 2-Hexanone-d5	8.32	63	89105	131.74	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	131.74%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	115296	67.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.10%#
64) 1,2-Dichlorobenzene-d4	11.86	152	91530	61.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.84%#

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	605	0.765 ug/L #	18
12) 1,1-Dichloroethene	2.24	96	705	0.953 ug/L #	1
15) Methyl Acetate	2.63	43	1046	0.811 ug/L #	77
25) Chloroform	4.68	83	1254	0.728 ug/L	99
33) Benzene	5.34	78	1781	0.461 ug/L	100
35) Methylcyclohexane	6.33	83	17326	10.348 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8780	7.684 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2226	1.265 ug/L #	59
40) 4-Methyl-2-pentanone	7.56	43	996	0.542 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1644	0.988 ug/L	97
59) 1,2,3-Trichloropropane	11.42	75	959	0.710 ug/L #	70
62) 1,3-Dichlorobenzene	11.42	146	2635	1.218 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	16436	7.449 ug/L	98

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

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Instrument :
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ClientSampleId :
A40G1ME

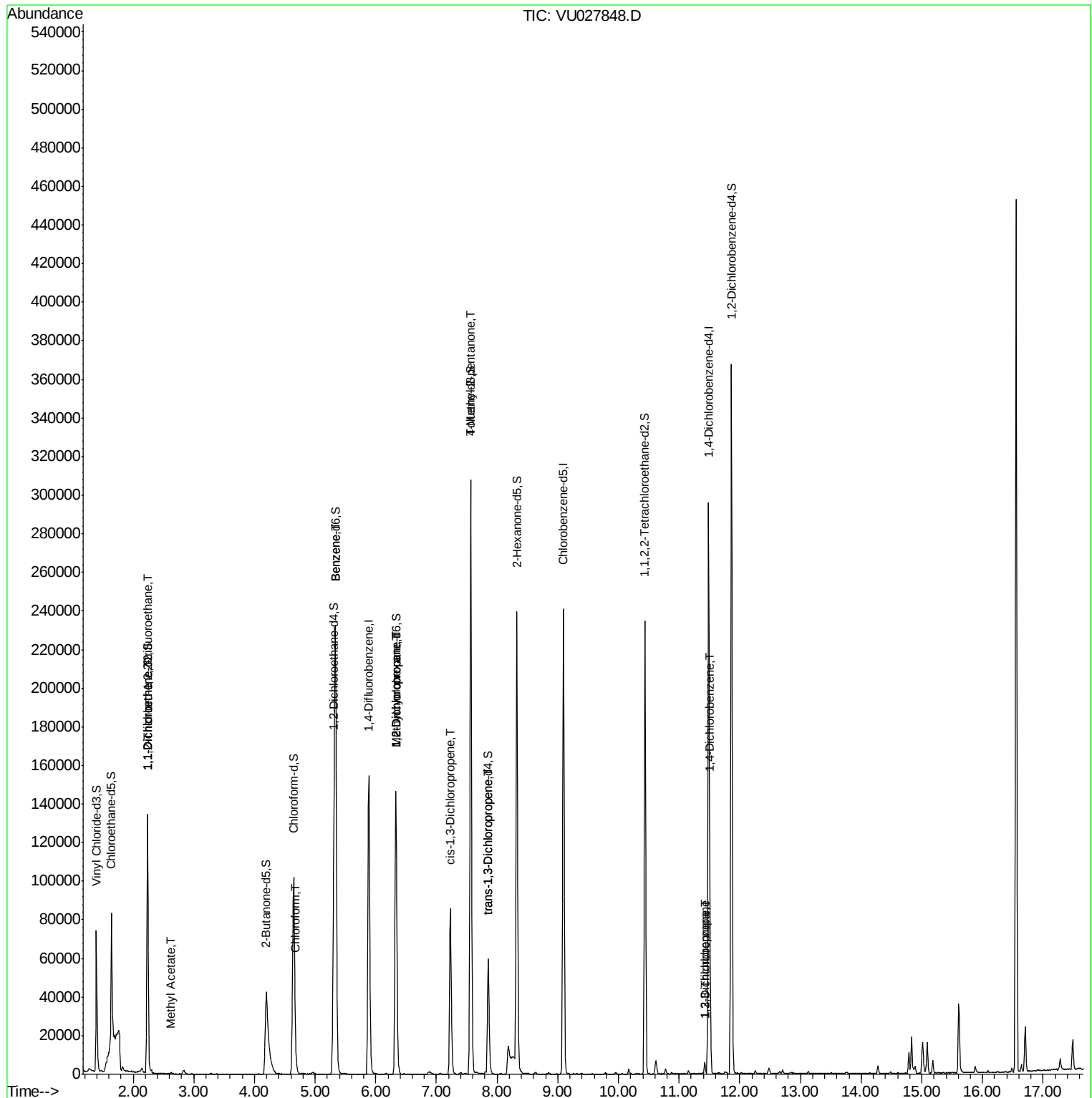
Quant Time: Oct 30 02:30:22 2018

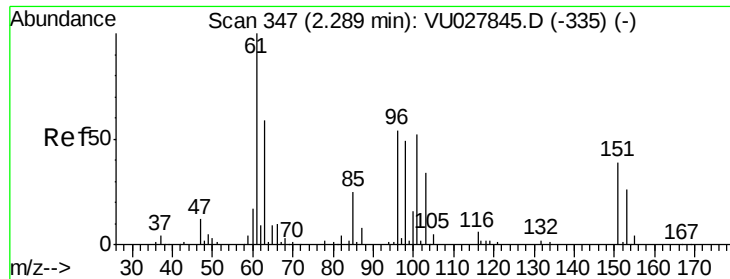
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMULM102218WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Oct 30 02:27:31 2018

Response via : Initial Calibration





#10

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

Concen: 0.765 ug/L

RT: 2.23 min Scan# 330

Delta R.T. -0.05 min

Lab File: VU027848.D

Acq: 29 Oct 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

A40G1ME

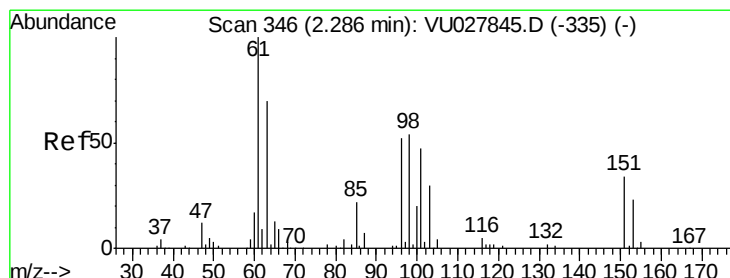
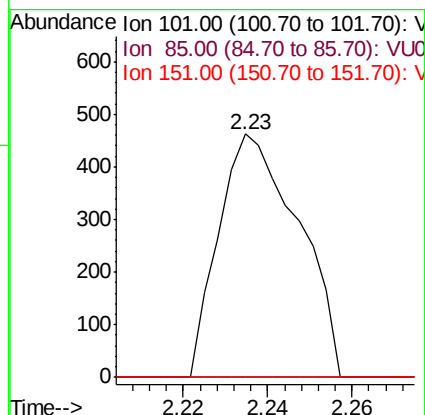
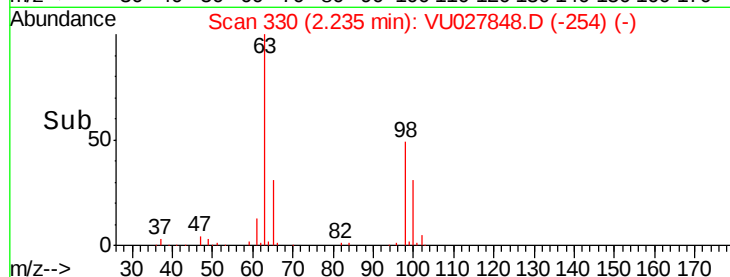
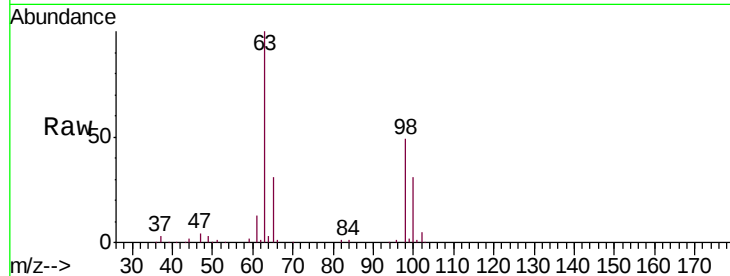
Tgt Ion: 101 Resp: 605

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 62.0 93.0#



#12

1,1-Dichloroethene

Concen: 0.953 ug/L

RT: 2.24 min Scan# 331

Delta R.T. -0.05 min

Lab File: VU027848.D

Acq: 29 Oct 2018 11:47

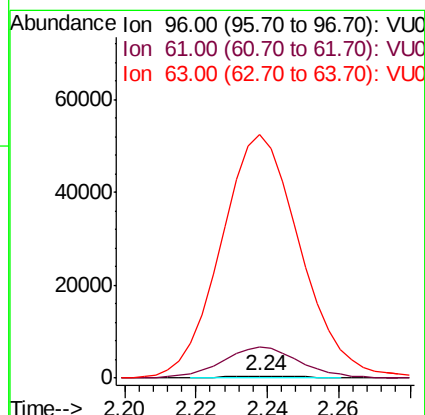
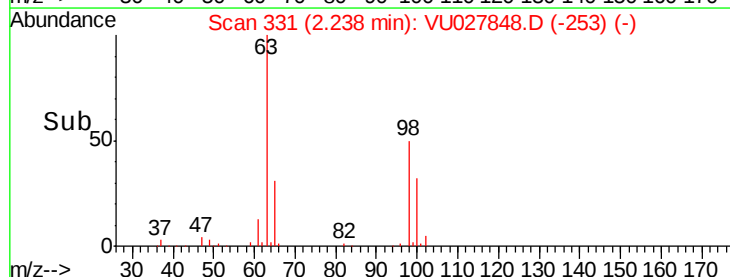
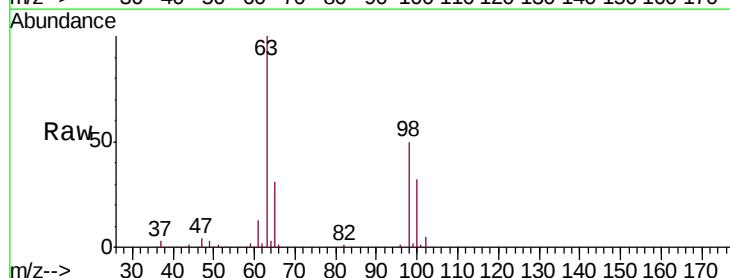
Tgt Ion: 96 Resp: 705

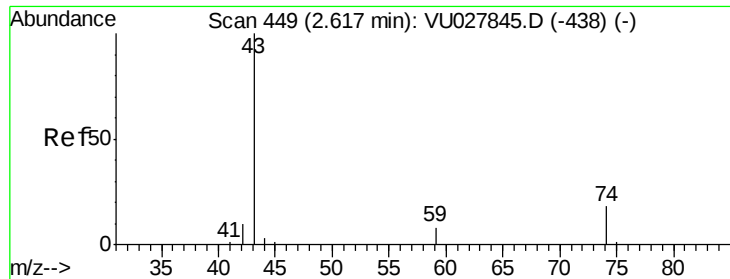
Ion Ratio Lower Upper

96 100

61 1346.2 137.3 255.1#

63 10500.8 109.8 204.0#





#15

Methyl Acetate

Concen: 0.811 ug/L

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU027848.D

Acq: 29 Oct 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

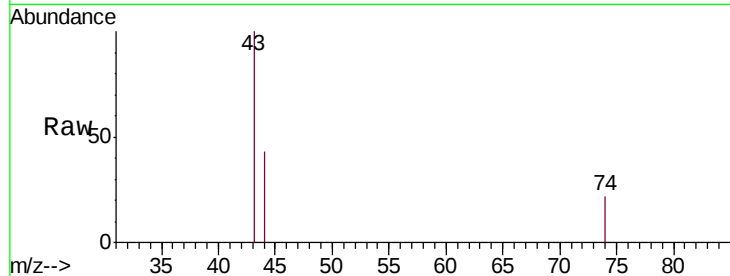
A40G1ME

Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

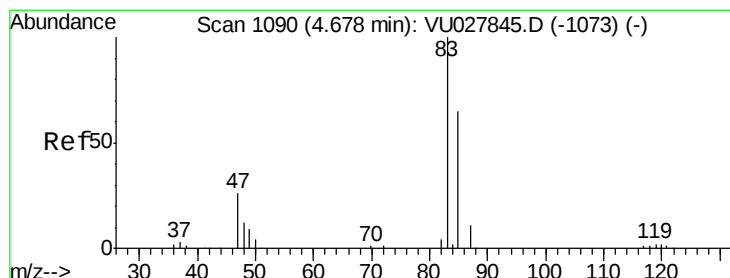
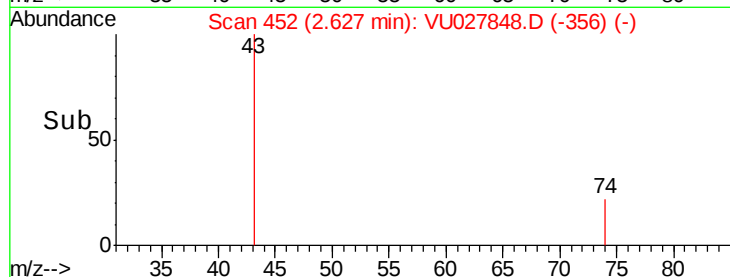
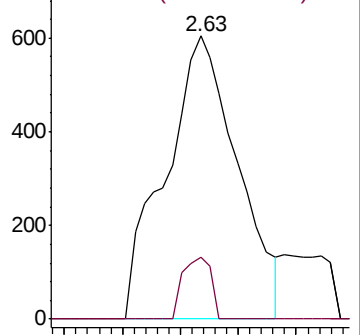
43 100

74 8.6 15.1 22.7#



Abundance Ion 43.00 (42.70 to 43.70): VU027845.D

Ion 74.00 (73.70 to 74.70): VU027845.D



#25

Chloroform

Concen: 0.728 ug/L

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027848.D

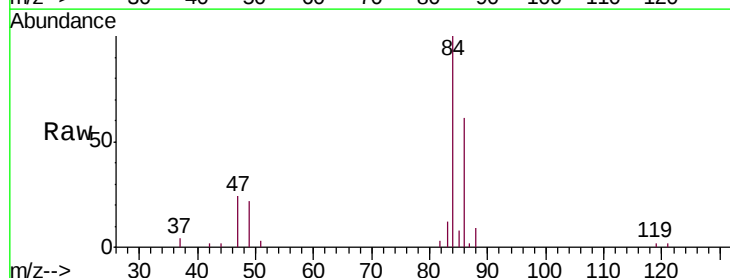
Acq: 29 Oct 2018 11:47

Tgt Ion: 83 Resp: 1254

Ion Ratio Lower Upper

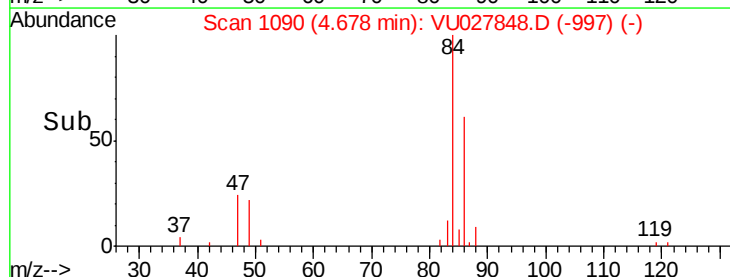
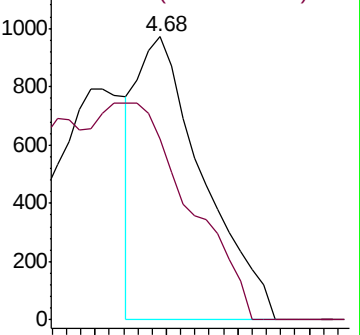
83 100

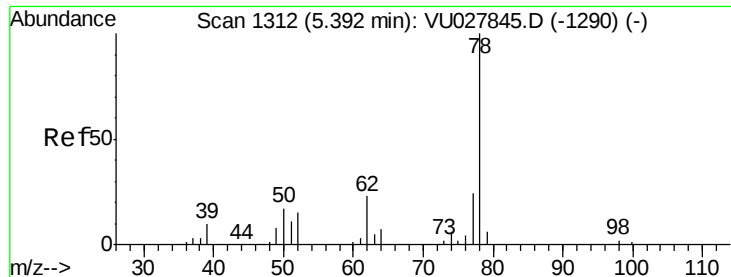
85 64.1 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU027845.D

Ion 85.00 (84.70 to 85.70): VU027845.D





#33

Benzene

Concen: 0.461 ug/L

RT: 5.34 min Scan# 1295

Delta R.T. -0.05 min

Lab File: VU027848.D

Acq: 29 Oct 2018 11:47

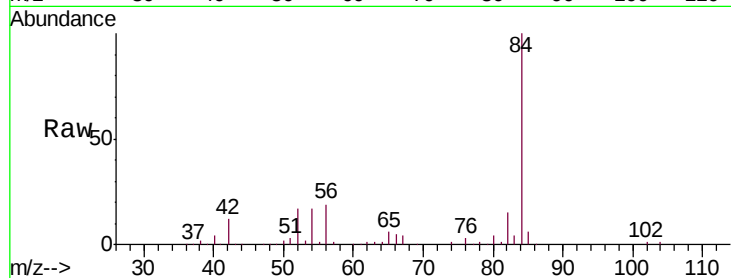
Instrument :

MSVOA_U

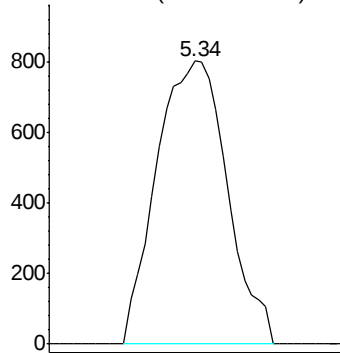
ClientSampleId :

A40G1ME

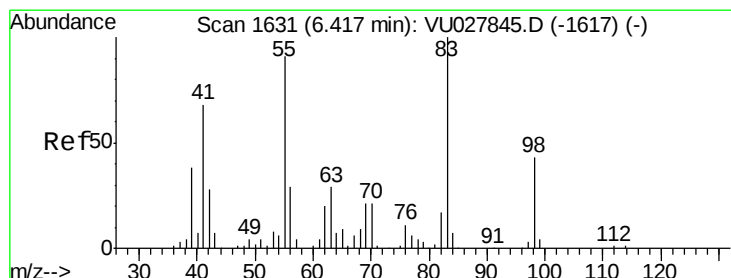
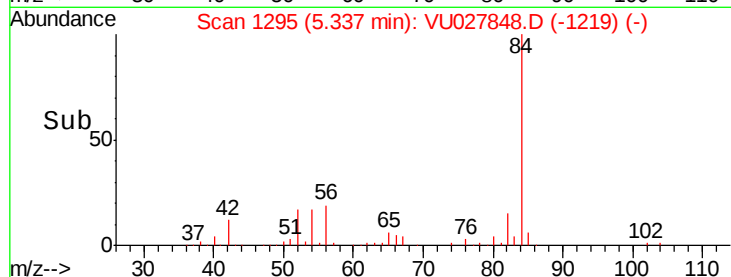
Tgt Ion: 78 Resp: 1781



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#35

Methylcyclohexane

Concen: 10.348 ug/L

RT: 6.33 min Scan# 1604

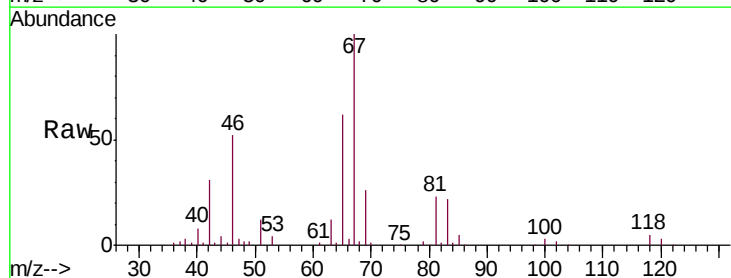
Delta R.T. -0.09 min

Lab File: VU027848.D

Acq: 29 Oct 2018 11:47

Tgt Ion: 83 Resp: 17326

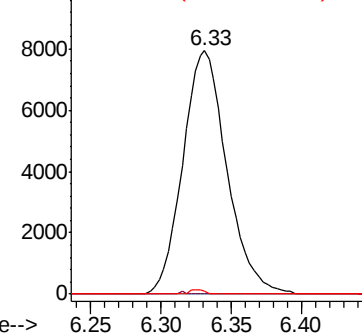
Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.9	107.9#
98	0.5	34.6	52.0#



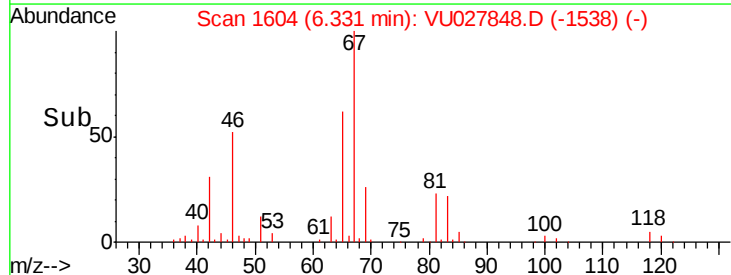
Abundance Ion 83.00 (82.70 to 83.70): VU0

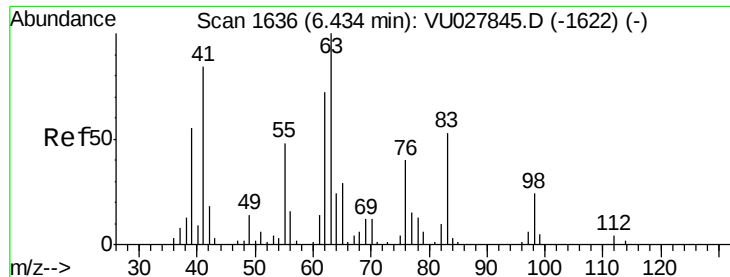
Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



Time-->

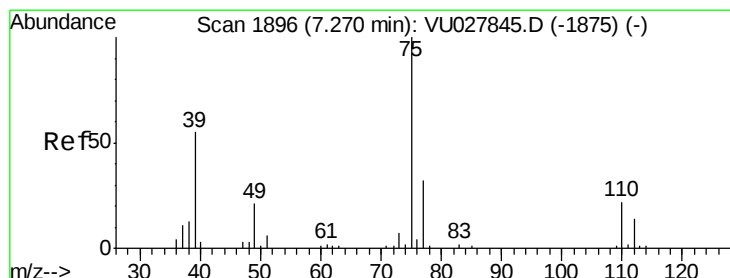
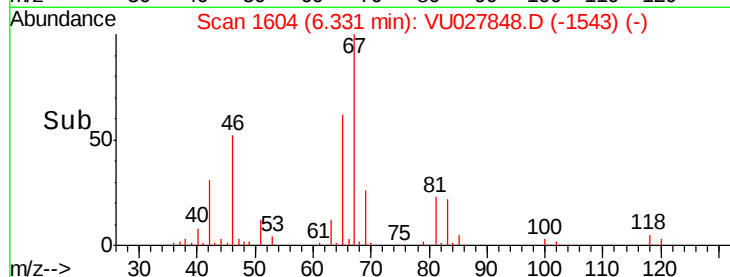
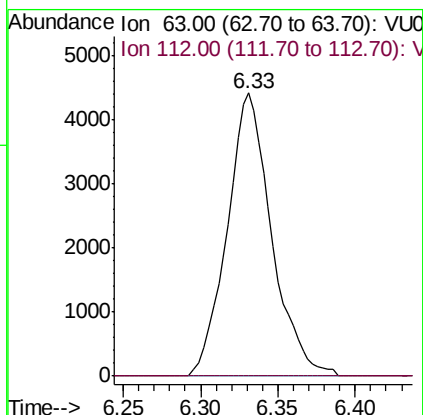
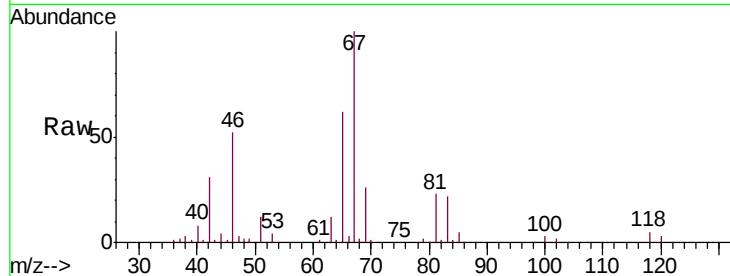




#37
 1,2-Dichloropropane
 Concen: 7.684 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027848.D
 Acq: 29 Oct 2018 11:47

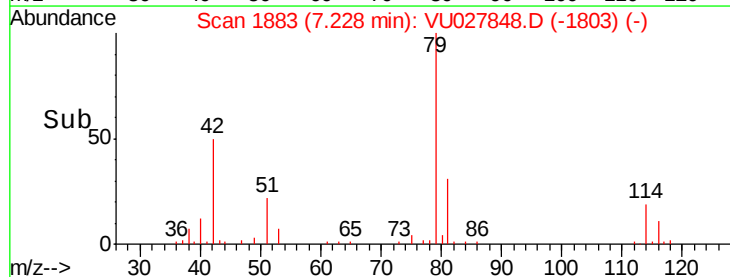
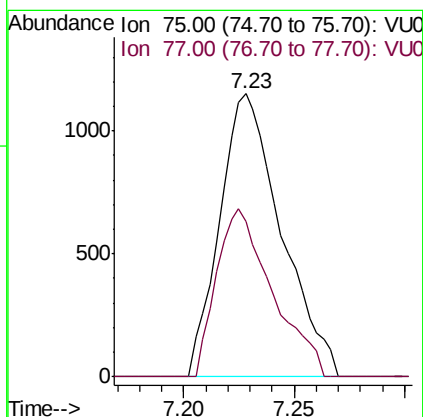
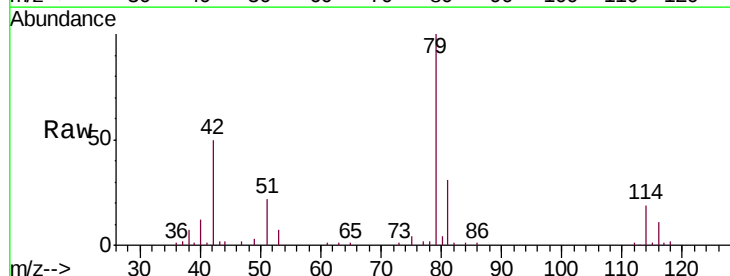
Instrument :
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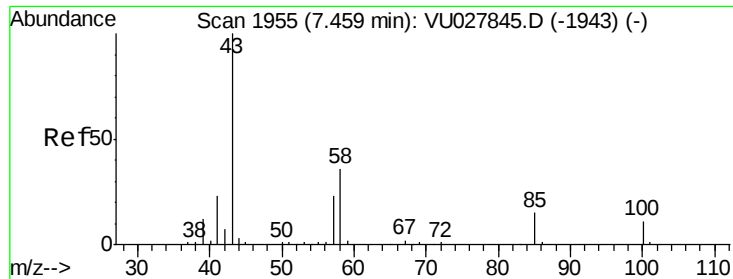
Tgt Ion: 63 Resp: 8780
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.265 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027848.D
 Acq: 29 Oct 2018 11:47

Tgt Ion: 75 Resp: 2226
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.5 41.7#

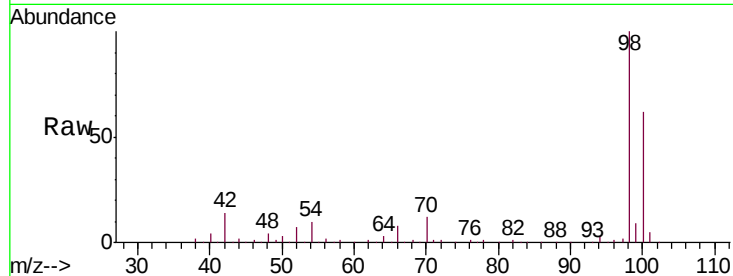




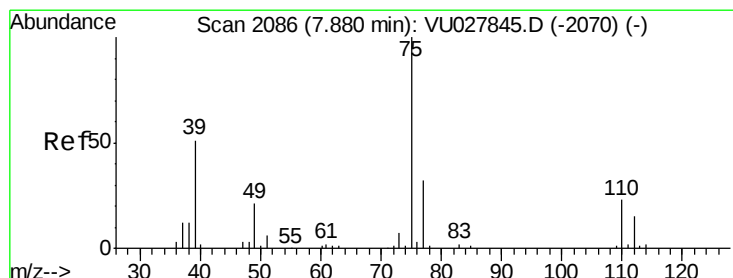
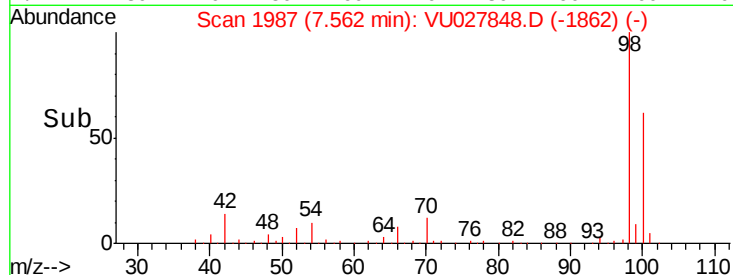
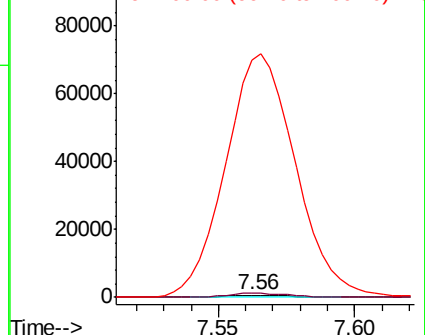
#40
 4-Methyl-2-pentanone
 Concen: 0.542 ug/L
 RT: 7.56 min Scan# 1987
 Delta R.T. 0.10 min
 Lab File: VU027848.D
 Acq: 29 Oct 2018 11:47

Instrument :
 MSVOA_U
 ClientSampleId :
 A40G1ME

Tgt Ion: 43 Resp: 996
 Ion Ratio Lower Upper
 43 100
 58 192.4 28.3 42.5#
 100 12901.7 9.1 13.7#

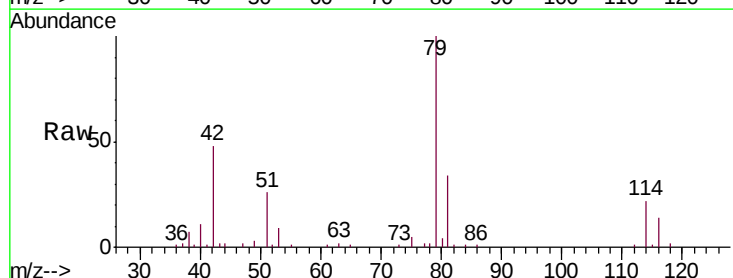


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

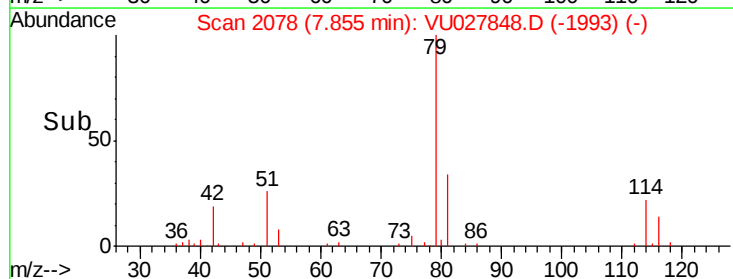
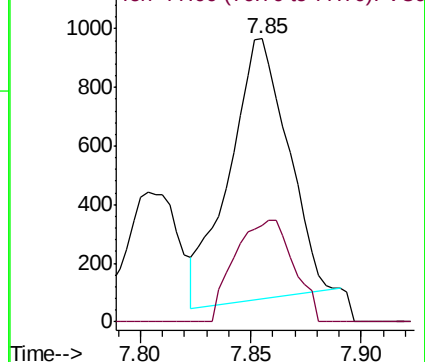


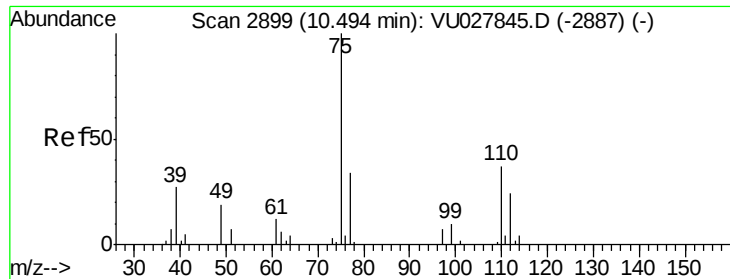
#44
 trans-1,3-Dichloropropene
 Concen: 0.988 ug/L
 RT: 7.85 min Scan# 2078
 Delta R.T. -0.03 min
 Lab File: VU027848.D
 Acq: 29 Oct 2018 11:47

Tgt Ion: 75 Resp: 1644
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

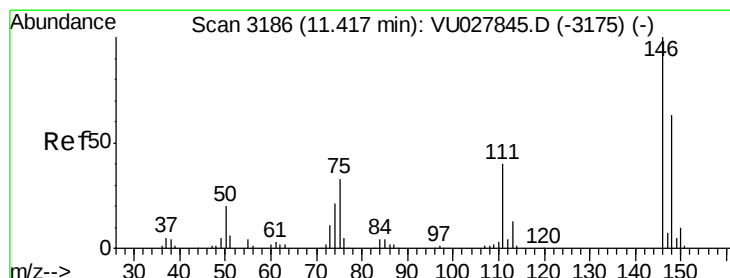
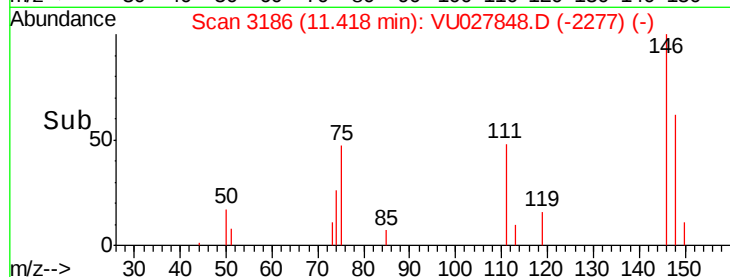
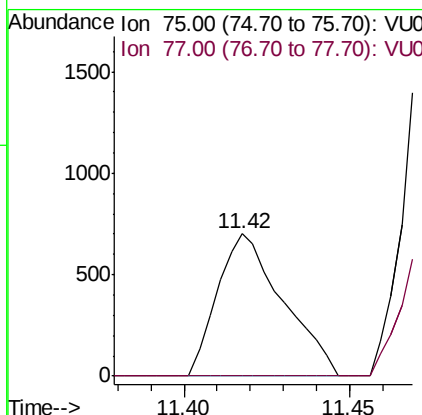
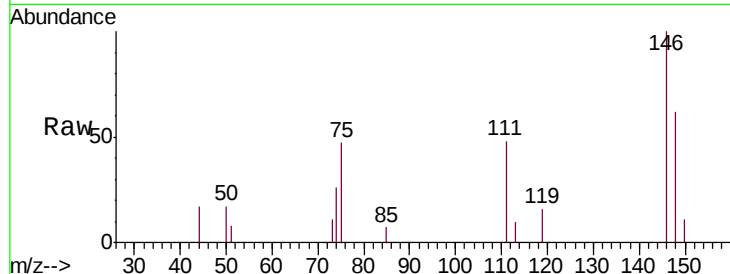




#59
 1,2,3-Trichloropropane
 Concen: 0.710 ug/L
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.92 min
 Lab File: VU027848.D
 Acq: 29 Oct 2018 11:47

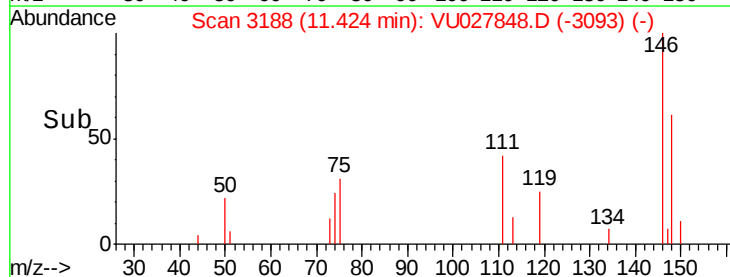
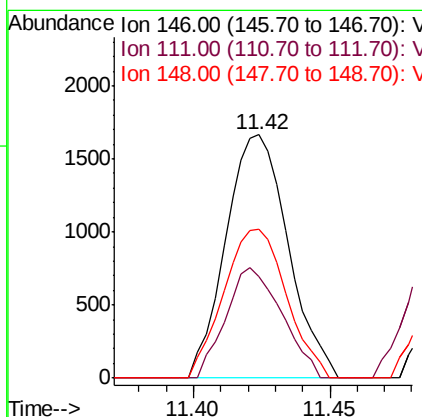
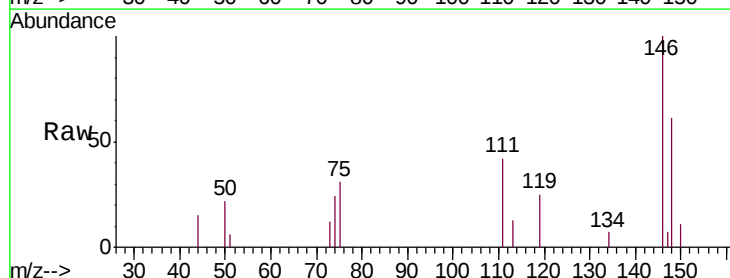
Instrument :
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 ClientSampleId :
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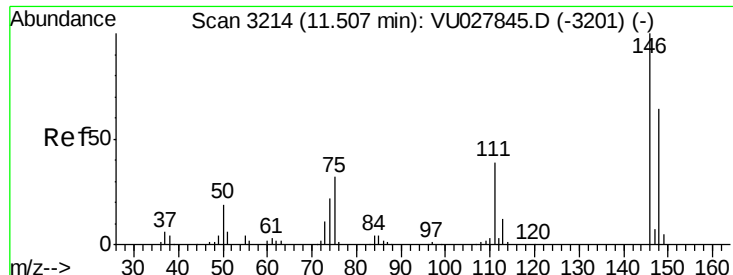
Tgt Ion: 75 Resp: 959
 Ion Ratio Lower Upper
 75 100
 77 16.0 26.5 39.7#



#62
 1,3-Dichlorobenzene
 Concen: 1.218 ug/L
 RT: 11.42 min Scan# 3188
 Delta R.T. 0.01 min
 Lab File: VU027848.D
 Acq: 29 Oct 2018 11:47

Tgt Ion: 146 Resp: 2635
 Ion Ratio Lower Upper
 146 100
 111 41.7 28.1 52.3
 148 61.3 43.7 81.1





#63

1,4-Dichlorobenzene

Concen: 7.449 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

Lab File: VU027848.D

Acq: 29 Oct 2018 11:47

Instrument :

MSVOA_U

ClientSampleId :

A40G1ME

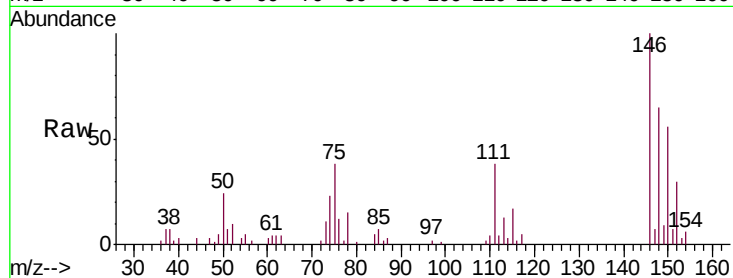
Tgt Ion:146 Resp: 16436

Ion Ratio Lower Upper

146 100

111 38.5 27.5 51.1

148 64.5 44.1 81.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

