

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052919\
 Data File : VU032351.D
 Acq On : 29 May 2019 11:12
 Operator : JC/SP
 Sample : K3045-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C45

Quant Time: May 30 05:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	359659	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	369993	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	125220	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	1.68	69	109122	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.80%
11) 1,1-Dichloroethene-d2	2.27	63	176917	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.19	46	281202	49.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.72%
24) Chloroform-d	4.64	84	226947	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	117551	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.33	84	480350	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	144803	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.56	98	406716	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.85	79	49335	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.31	63	200240	40.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118432	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	150445	3.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.00%#

Target Compounds

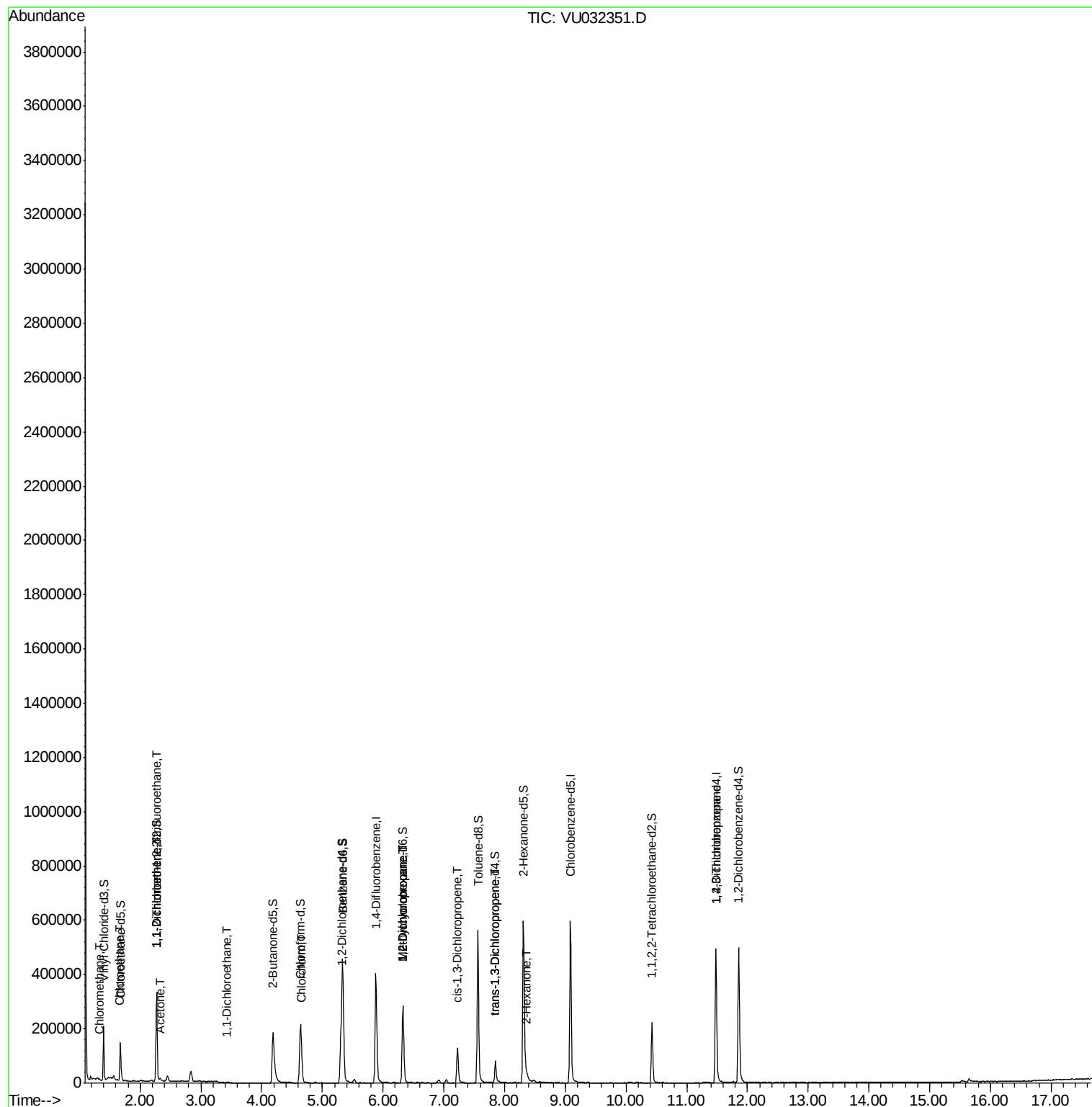
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3044	0.197	ug/L	95
8) Chloroethane	1.66	64	879	0.089	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1871	0.147	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1902	0.149	ug/L #	1
13) Acetone	2.32	43	5252	2.975	ug/L	99
19) 1,1-Dichloroethane	3.44	63	3765	0.177	ug/L #	94
25) Chloroform	4.67	83	4519	0.197	ug/L	83
35) Methylcyclohexane	6.33	83	33310	1.684	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14885	1.235	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	3270	0.191	ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	2077	0.154	ug/L #	81
48) 2-Hexanone	8.37	43	9965	2.133	ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	16737	2.133	ug/L	99

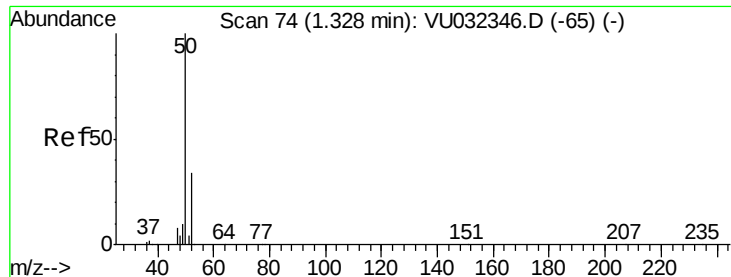
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.197 ug/L

RT: 1.33 min Scan# 75

Delta R.T. 0.00 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

Instrument :

MSVOA_U

ClientSampleId :

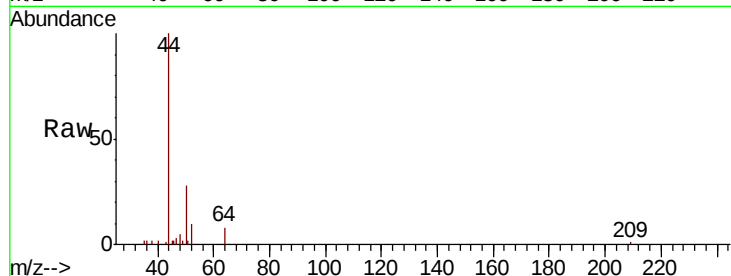
C0C45

Tgt Ion: 50 Resp: 3044

Ion Ratio Lower Upper

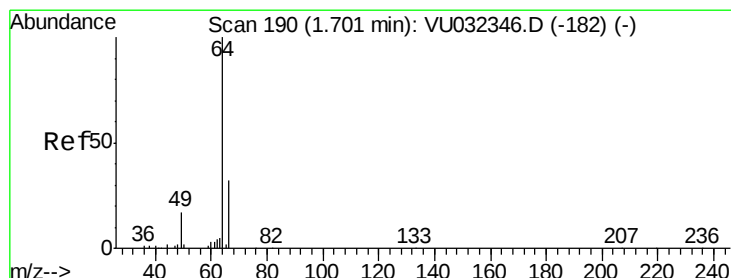
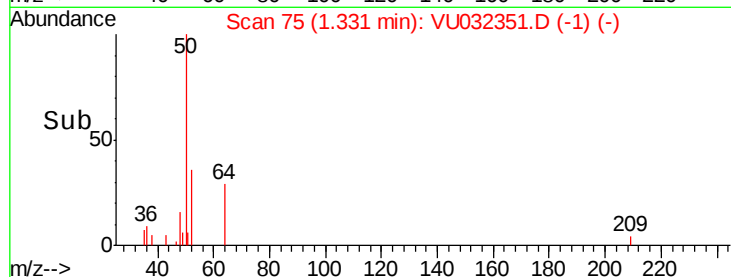
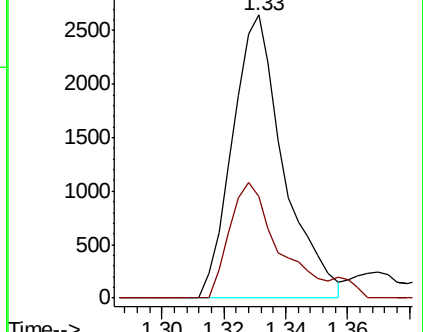
50 100

52 35.9 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032346.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032346.D (-65) (-)



#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.66 min Scan# 177

Delta R.T. -0.04 min

Lab File: VU032351.D

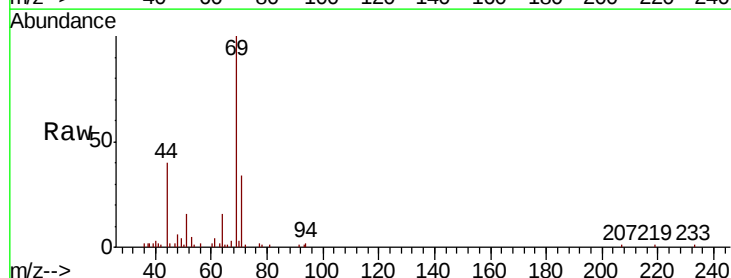
Acq: 29 May 2019 11:12

Tgt Ion: 64 Resp: 879

Ion Ratio Lower Upper

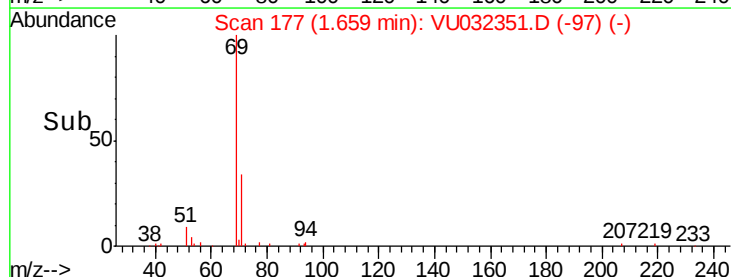
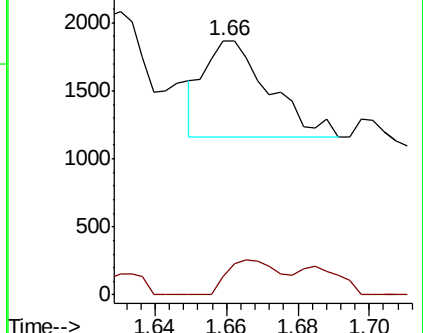
64 100

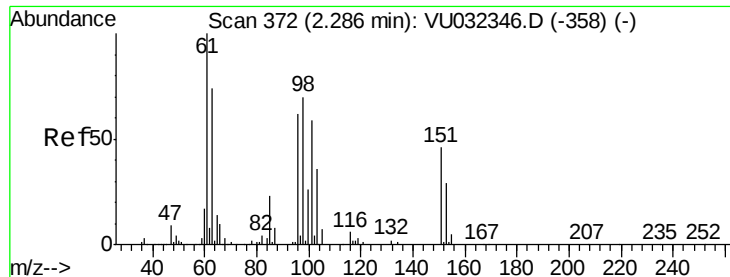
66 7.3 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032346.D (-182) (-)

Ion 66.05 (65.75 to 66.75): VU032346.D (-182) (-)





#10

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

Concen: 0.147 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

Instrument :

MSVOA_U

ClientSampleId :

C0C45

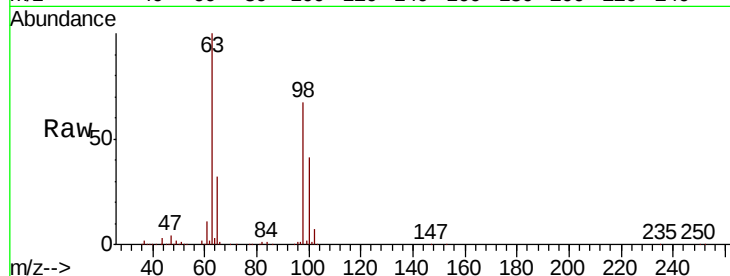
Tgt Ion:101 Resp: 1871

Ion Ratio Lower Upper

101 100

85 2.4 34.2 51.4#

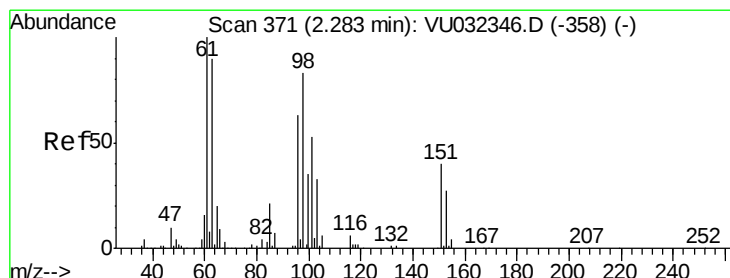
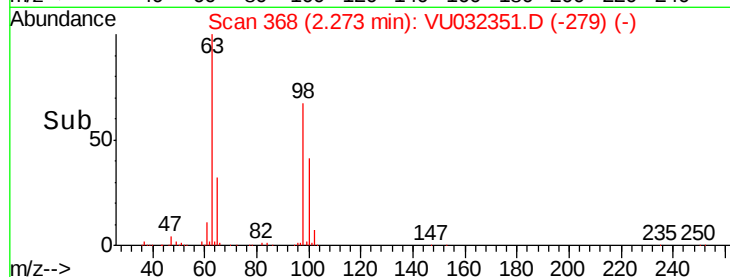
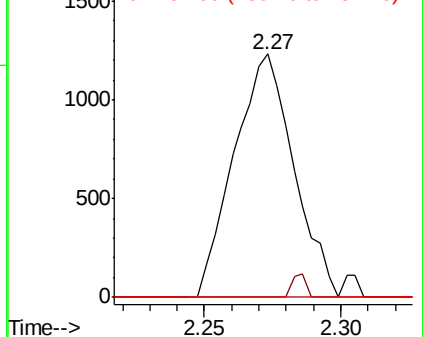
151 2.5 64.4 96.6#



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: 0.149 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

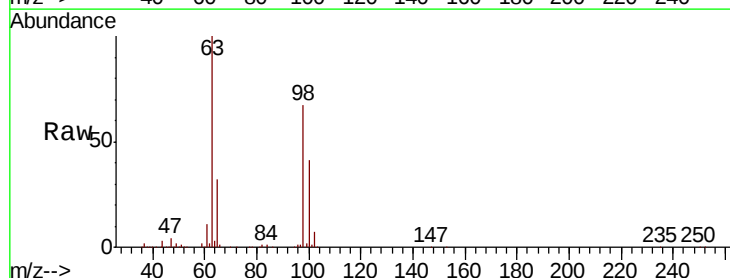
Tgt Ion: 96 Resp: 1902

Ion Ratio Lower Upper

96 100

61 1254.1 113.8 211.3#

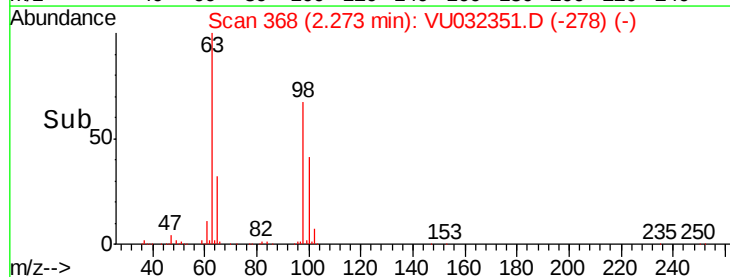
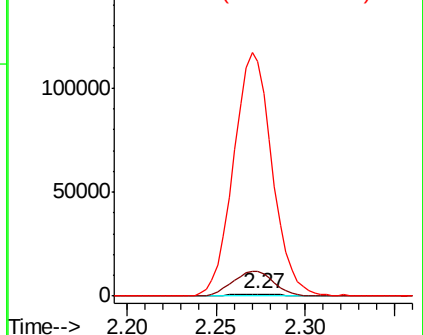
63 11629.7 108.8 202.2#

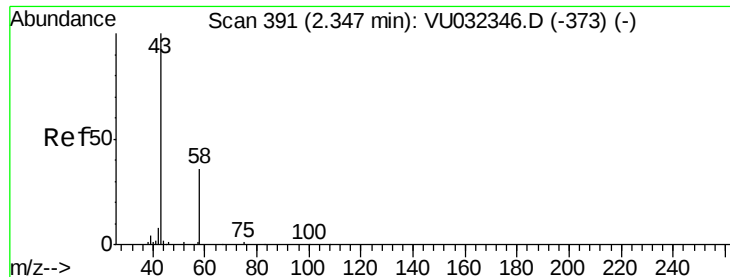


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.975 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

Instrument :

MSVOA_U

ClientSampleId :

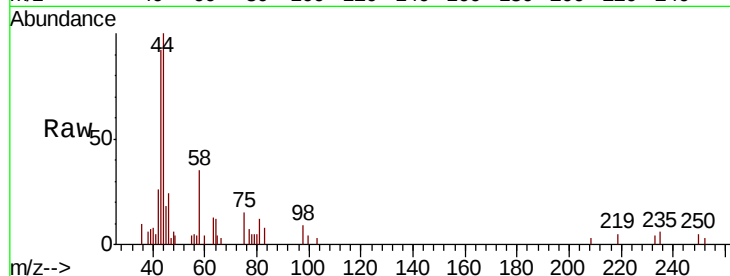
C0C45

Tgt Ion: 43 Resp: 5252

Ion Ratio Lower Upper

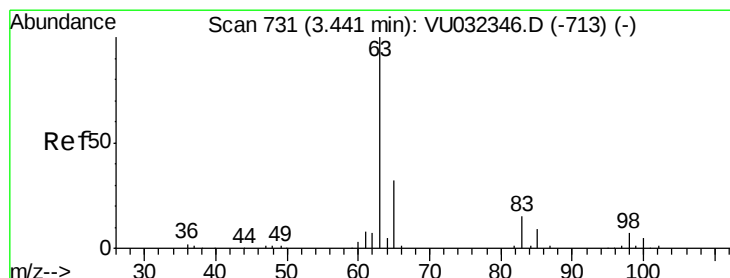
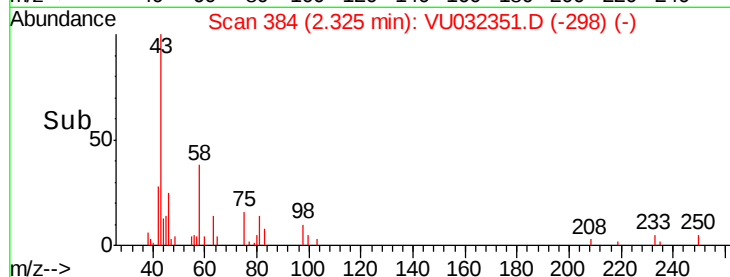
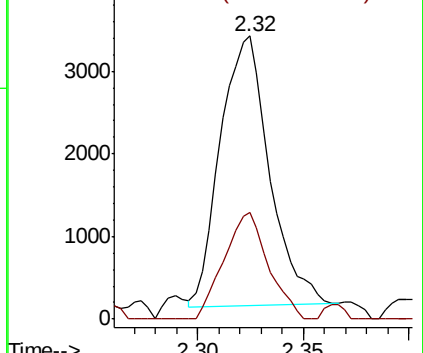
43 100

58 35.7 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032346.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032346.D (-373) (-)



#19

1,1-Dichloroethane

Concen: 0.177 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

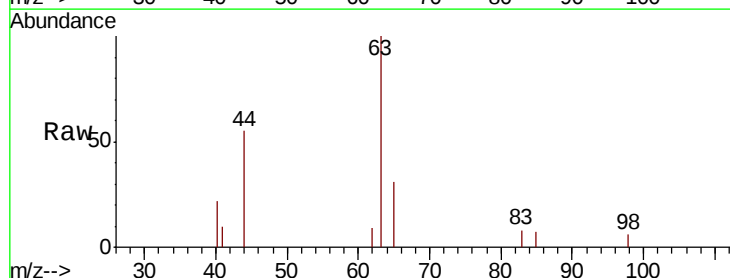
Tgt Ion: 63 Resp: 3765

Ion Ratio Lower Upper

63 100

65 31.1 23.5 43.7

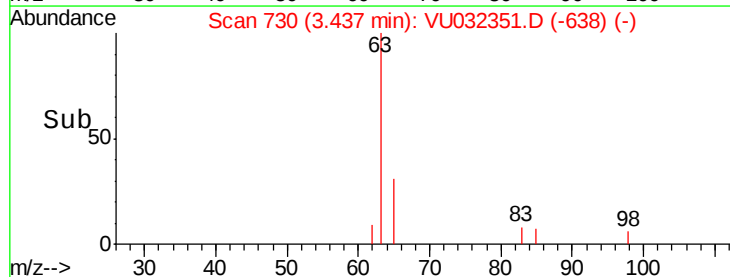
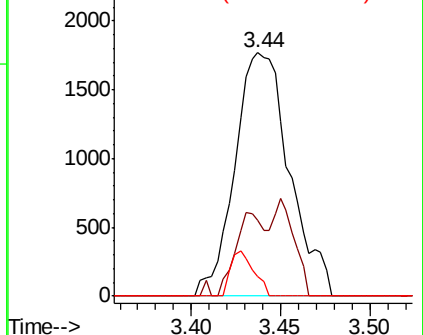
83 7.8 8.8 16.3#

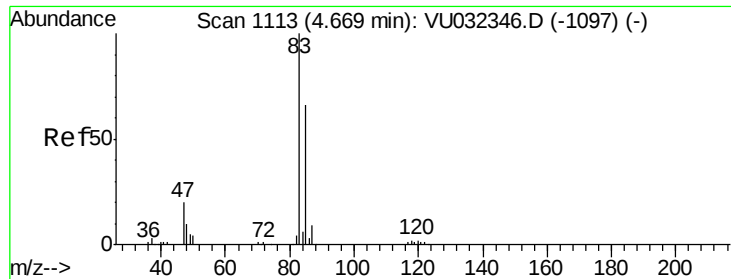


Abundance Ion 63.10 (62.80 to 63.80): VU032346.D (-713) (-)

Ion 65.10 (64.80 to 65.80): VU032346.D (-713) (-)

Ion 83.05 (82.75 to 83.75): VU032346.D (-713) (-)

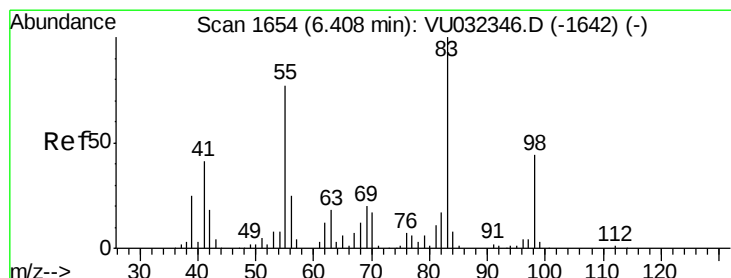
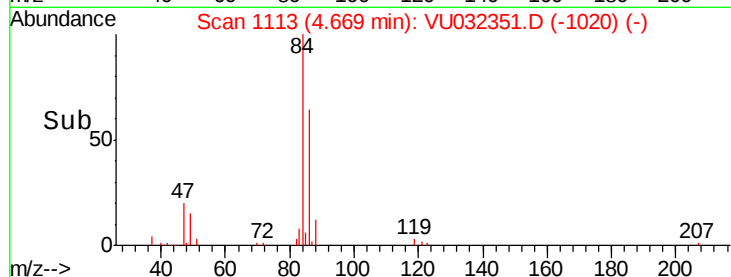
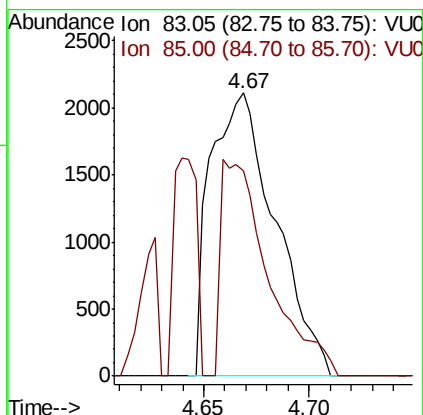
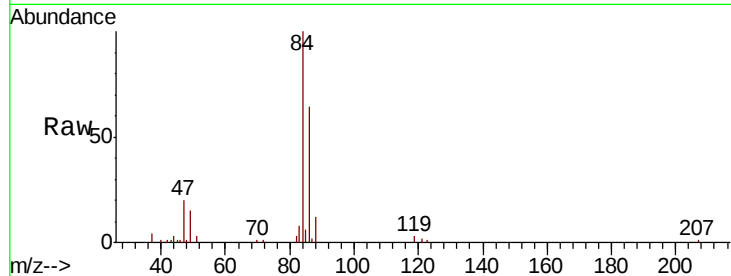




#25
Chloroform
Concen: 0.197 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU032351.D
Acq: 29 May 2019 11:12

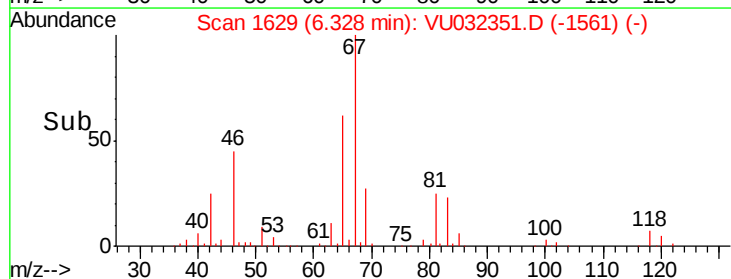
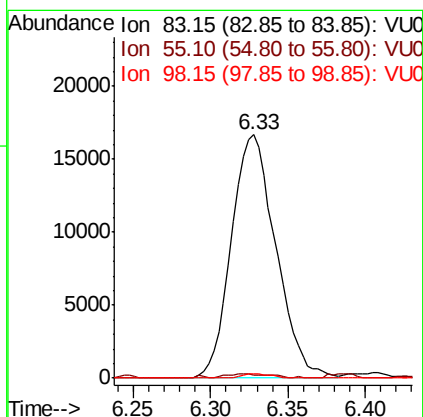
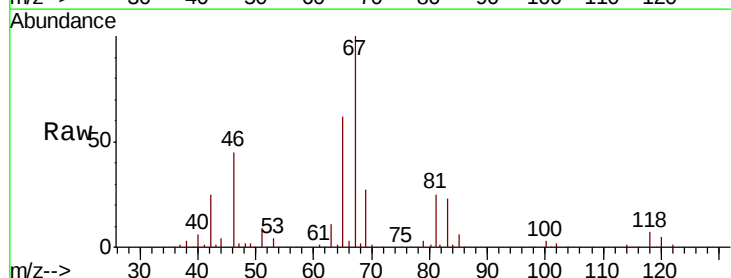
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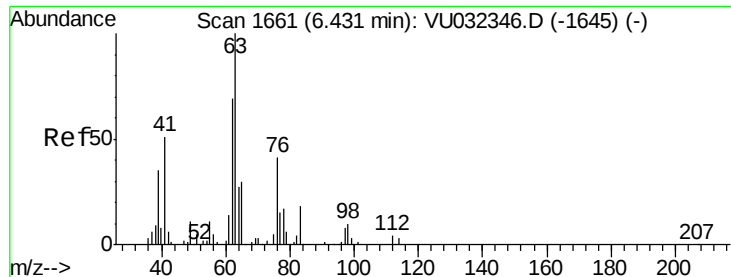
Tgt Ion: 83 Resp: 4519
Ion Ratio Lower Upper
83 100
85 72.7 41.6 77.3



#35
Methylcyclohexane
Concen: 1.684 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032351.D
Acq: 29 May 2019 11:12

Tgt Ion: 83 Resp: 33310
Ion Ratio Lower Upper
83 100
55 1.3 59.7 89.5#
98 1.1 37.5 56.3#

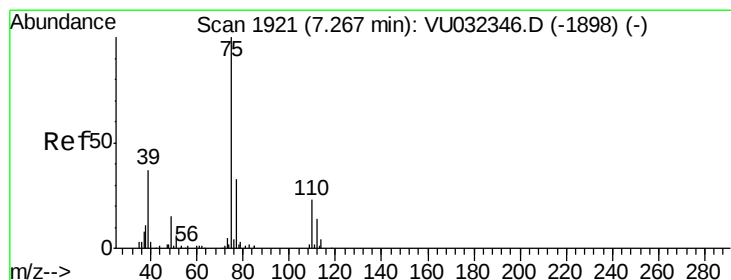
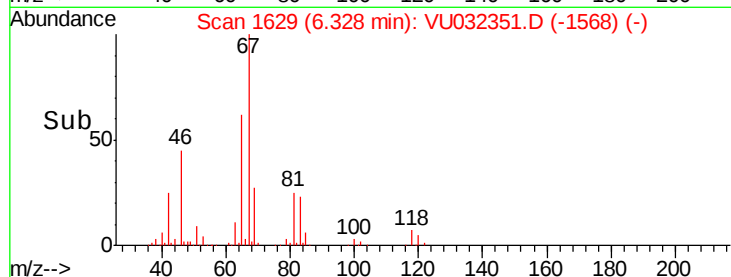
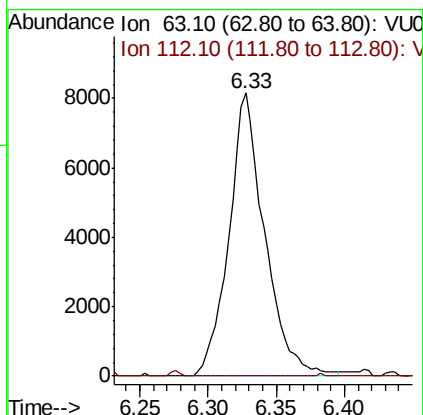
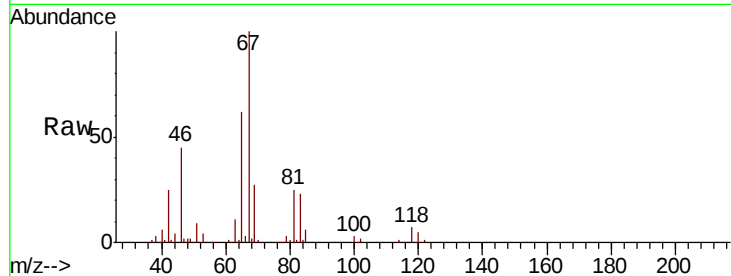




#37
 1,2-Dichloropropane
 Concen: 1.235 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032351.D
 Acq: 29 May 2019 11:12

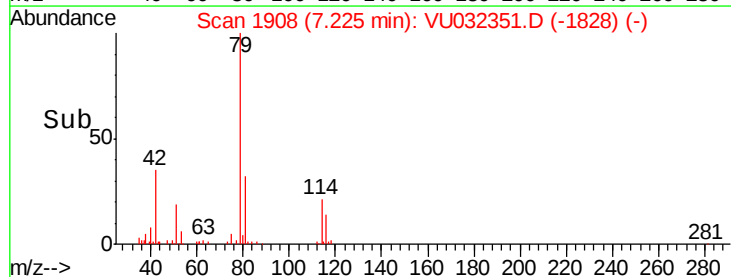
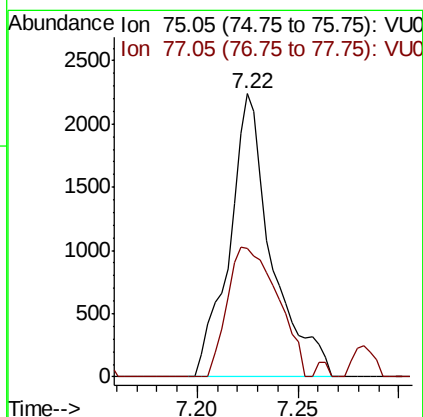
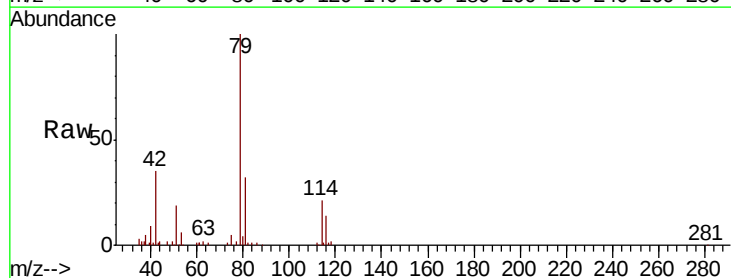
Instrument :
 MSVOA_U
 ClientSampleId :
 C0C45

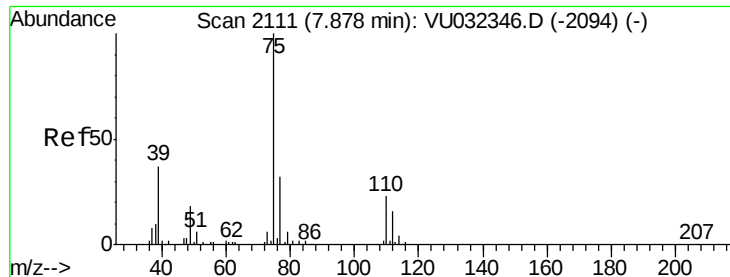
Tgt Ion: 63 Resp: 14885
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.191 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032351.D
 Acq: 29 May 2019 11:12

Tgt Ion: 75 Resp: 3270
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.6 42.0#





#44

trans-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

Instrument :

MSVOA_U

ClientSampleId :

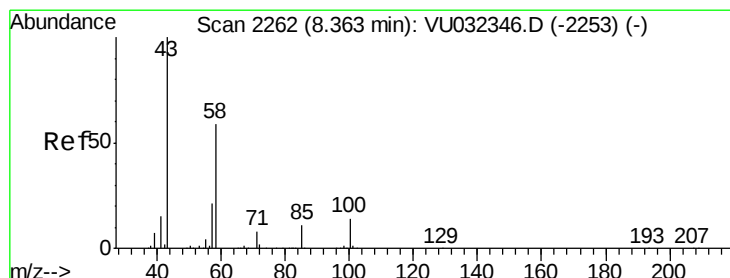
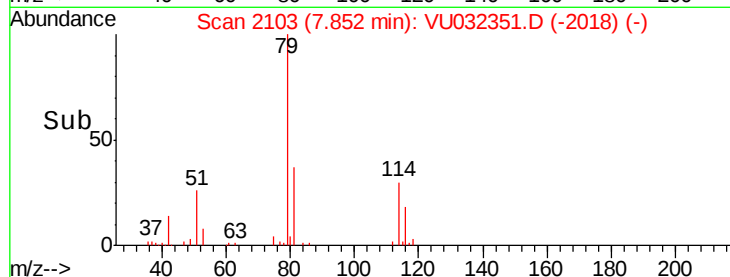
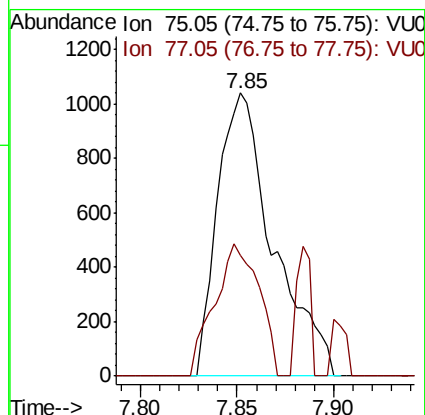
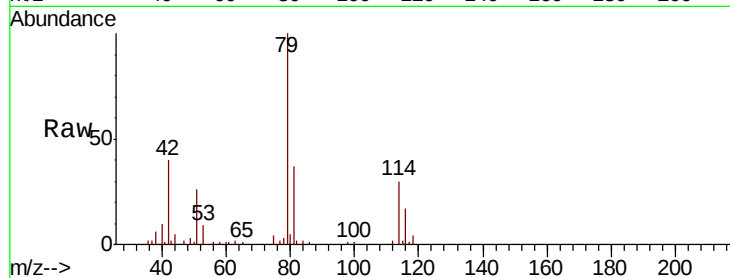
C0C45

Tgt Ion: 75 Resp: 2077

Ion Ratio Lower Upper

75 100

77 42.7 22.5 41.9#



#48

2-Hexanone

Concen: 2.133 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

Tgt Ion: 43 Resp: 9965

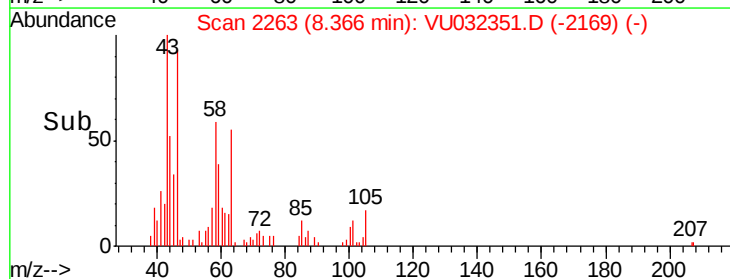
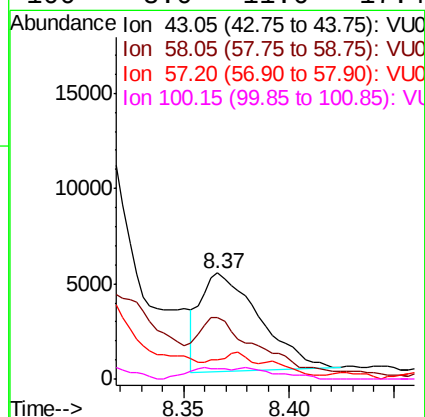
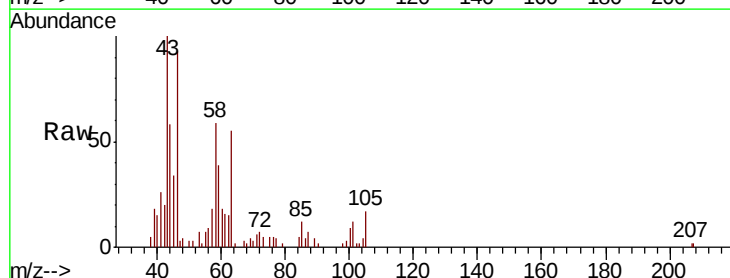
Ion Ratio Lower Upper

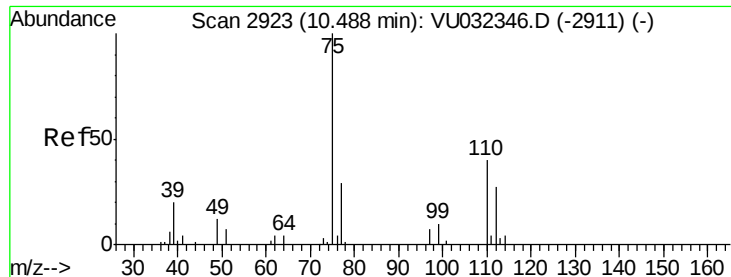
43 100

58 57.8 49.7 74.5

57 0.0 17.1 25.7#

100 8.0 11.6 17.4#





#59

1,2,3-Trichloropropane

Concen: 2.133 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032351.D

Acq: 29 May 2019 11:12

Instrument :

MSVOA_U

ClientSampleId :

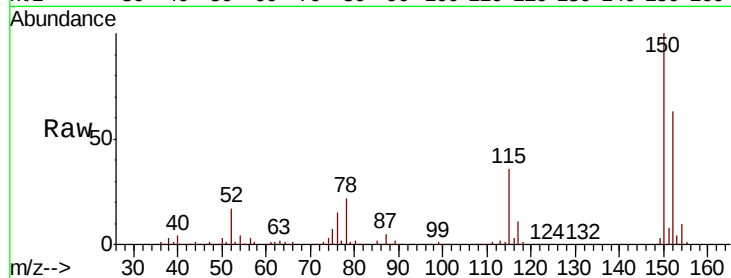
C0C45

Tgt Ion: 75 Resp: 16737

Ion Ratio Lower Upper

75 100

77 34.6 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

