

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101320\
 Data File : VU040675.D
 Acq On : 13 Oct 2020 12:19
 Operator : SY/MD
 Sample : L4345-12DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY4DL

Quant Time: Oct 14 06:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 14 05:57:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	153329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	157815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67408	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39316	3.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.80%
7) Chloroethane-d5	1.92	69	34757	3.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.00%
11) 1,1-Dichloroethene-d2	2.58	63	63193	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.66	46	166597	40.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.96%
24) Chloroform-d	5.08	84	82551	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
26) 1,2-Dichloroethane-d4	5.72	65	51319	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
32) Benzene-d6	5.74	84	150525	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.80%
36) 1,2-Dichloropropane-d6	6.70	67	53943	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.40%
41) Toluene-d8	7.90	98	118511	3.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.20%#
43) trans-1,3-Dichloropropene-	8.19	79	20592	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.64	63	114022	36.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46996	3.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	49687	3.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.60%#

Target Compounds

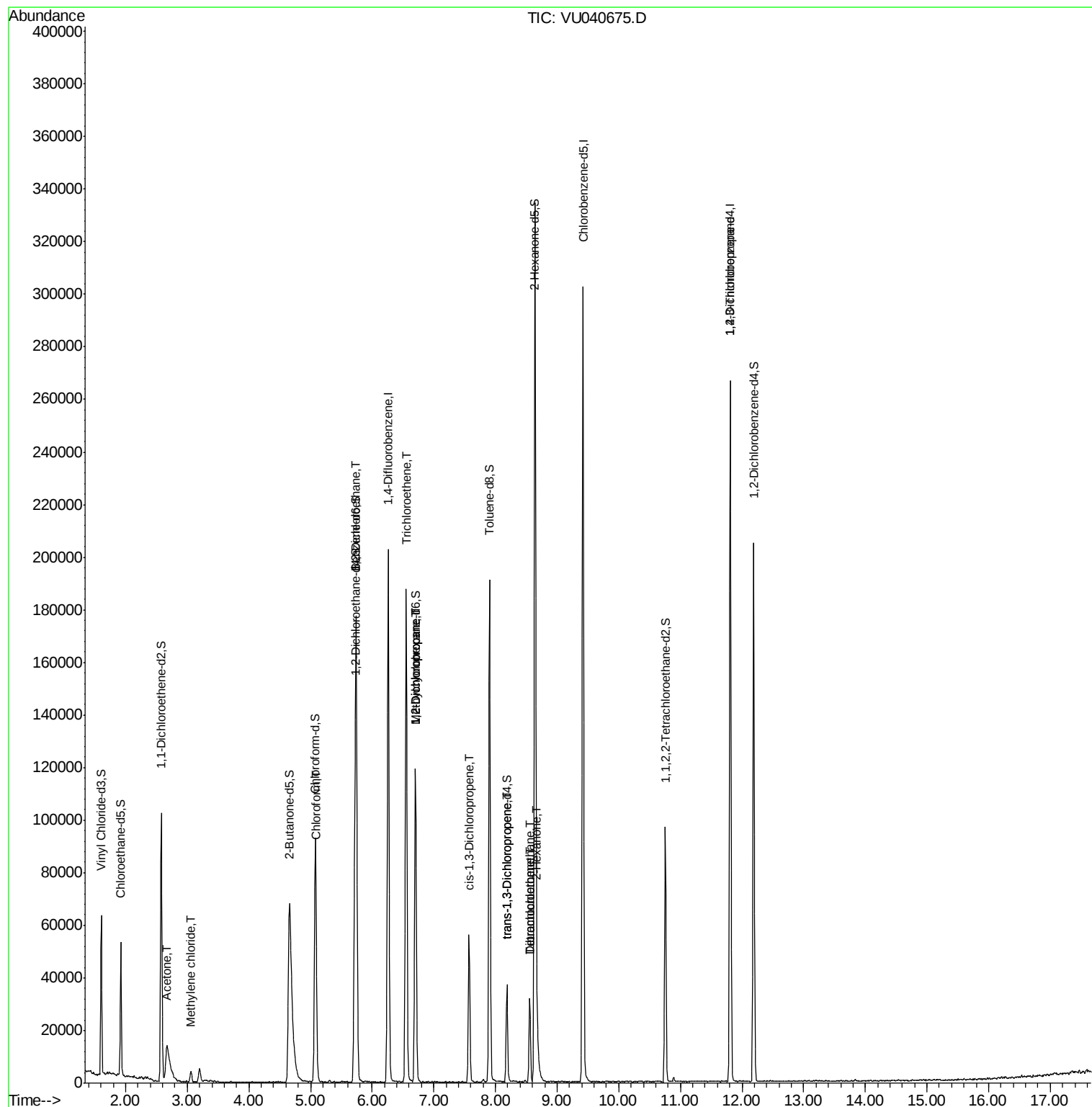
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	42763	13.569	ug/L	98
16) Methylene chloride	3.06	84	1938	0.138	ug/L	90
25) Chloroform	5.10	83	2582	0.107	ug/L	99
27) 1,2-Dichloroethane	5.74	62	986	0.058	ug/L #	77
34) Trichloroethene	6.55	95	62501	4.756	ug/L	97
35) Methylcyclohexane	6.70	83	13017	0.698	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6437	0.456	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1481	0.077	ug/L #	21
44) trans-1,3-Dichloropropene	8.18	75	1027	0.058	ug/L #	79
47) Tetrachloroethene	8.56	164	6457	0.689	ug/L	96
48) 2-Hexanone	8.68	43	3927	0.468	ug/L #	41
49) Dibromochloromethane	8.56	129	6410	0.527	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	9244	0.891	ug/L	92

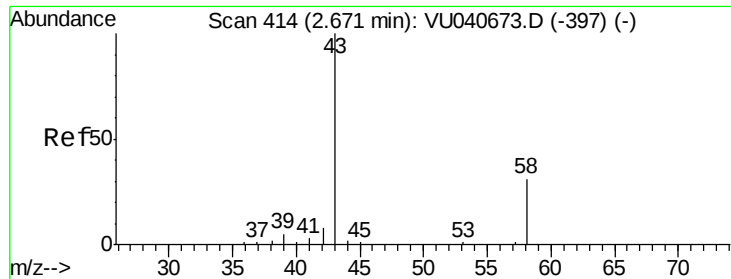
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.569 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU040675.D

Acq: 13 Oct 2020 12:19

Instrument :

MSVOA_U

ClientSampleId :

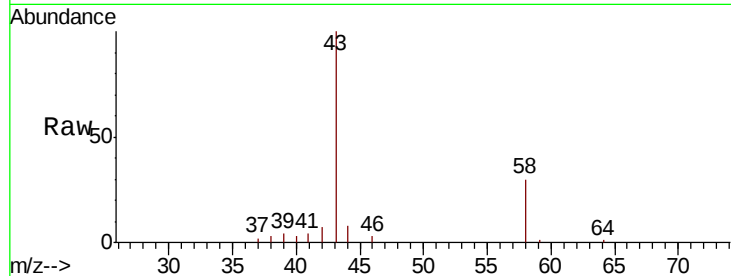
YAQY4DL

Tot Ion: 43 Resp: 42763

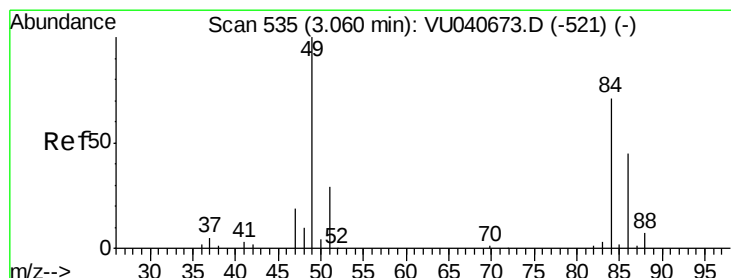
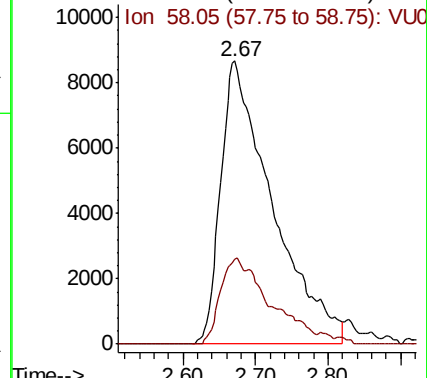
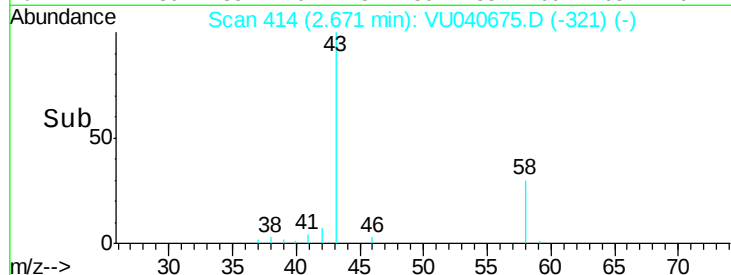
Ion Ratio Lower Upper

43 100

58 29.0 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040675.D (-321) (-)



#16

Methylene chloride

Concen: 0.138 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU040675.D

Acq: 13 Oct 2020 12:19

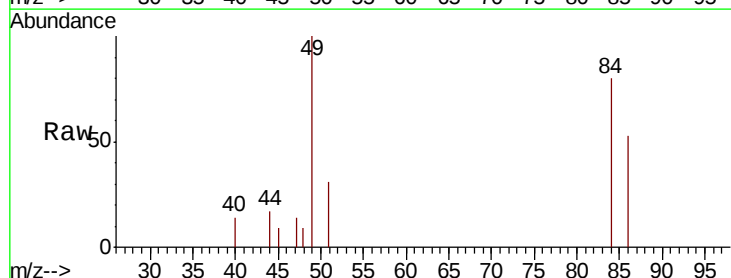
Tgt Ion: 84 Resp: 1938

Ion Ratio Lower Upper

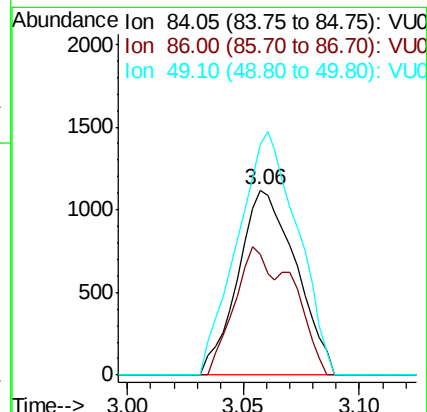
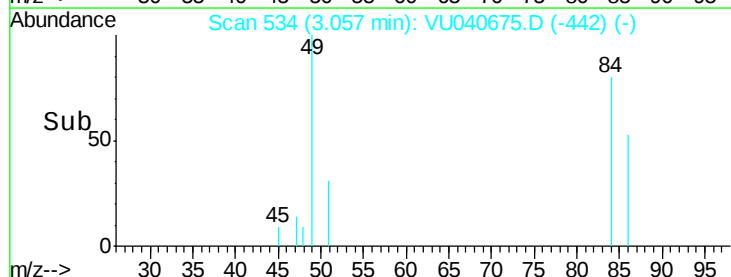
84 100

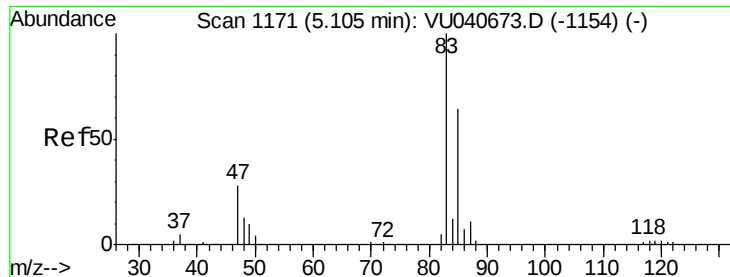
86 65.7 45.4 84.4

49 124.8 99.8 185.3



Abundance Ion 84.05 (83.75 to 84.75): VU040675.D (-442) (-)

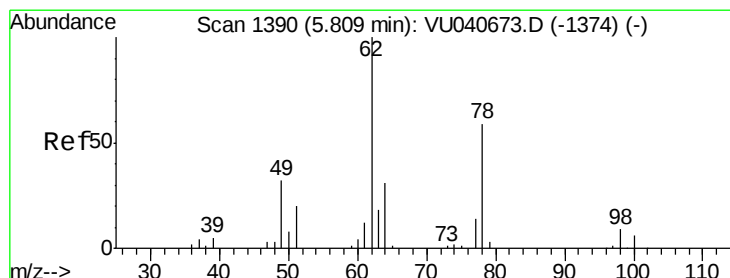
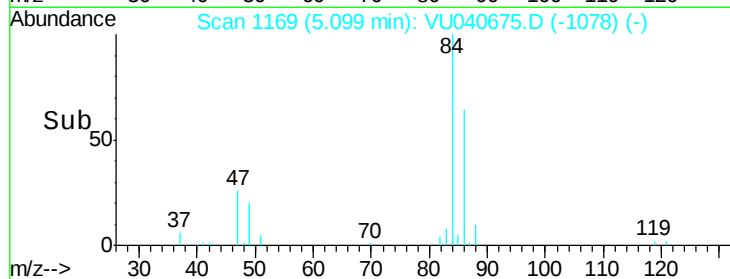
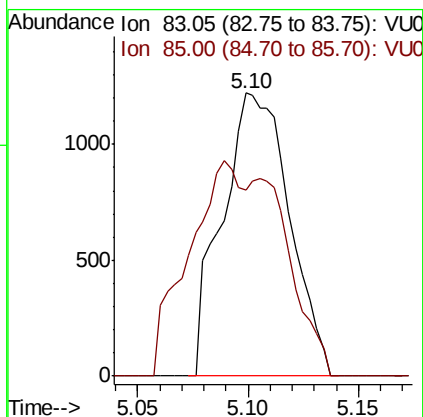
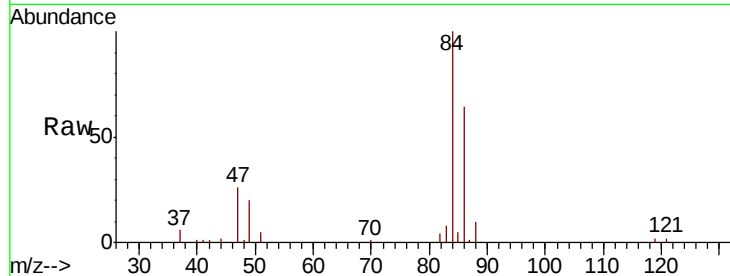




#25
Chloroform
Concen: 0.107 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.01 min
Lab File: VU040675.D
Acq: 13 Oct 2020 12:19

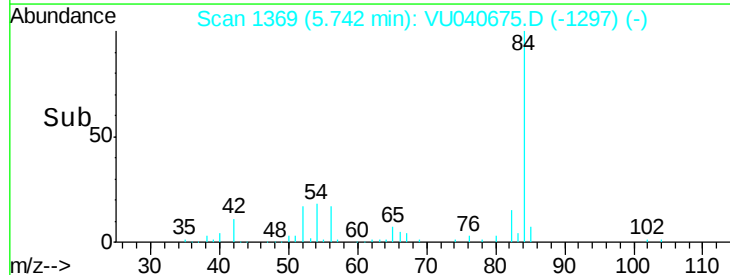
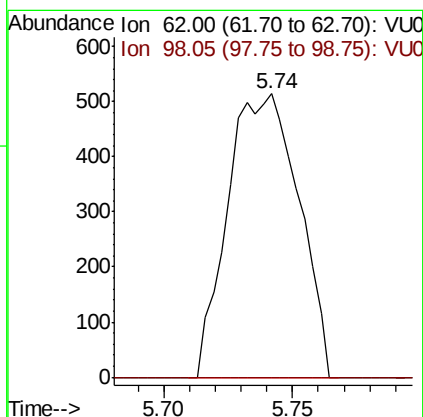
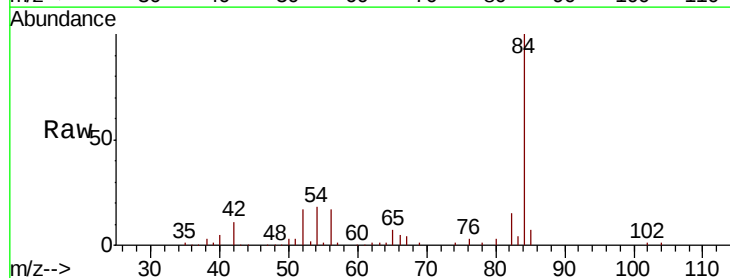
Instrument :
MSVOA_U
ClientSampled :
YAQY4DL

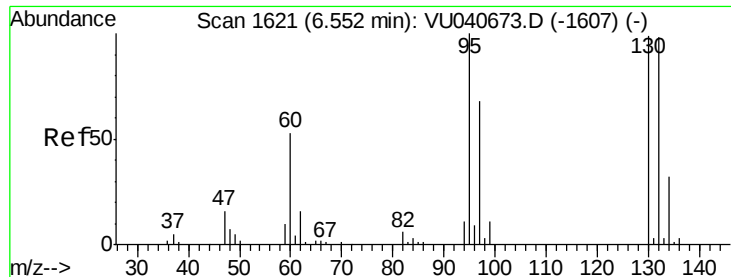
Tot Ion: 83 Resp: 2582
Ion Ratio Lower Upper
83 100
85 65.8 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.058 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040675.D
Acq: 13 Oct 2020 12:19

Tgt Ion: 62 Resp: 986
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

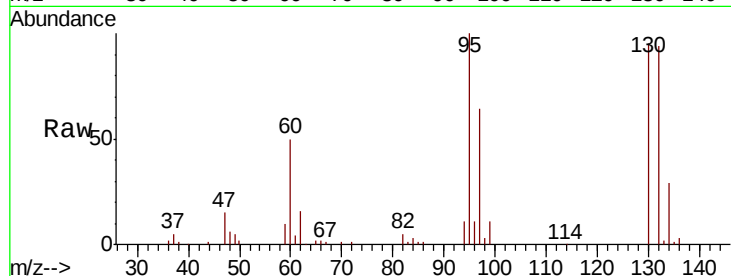




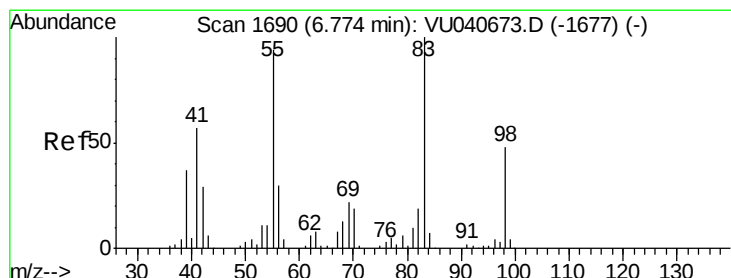
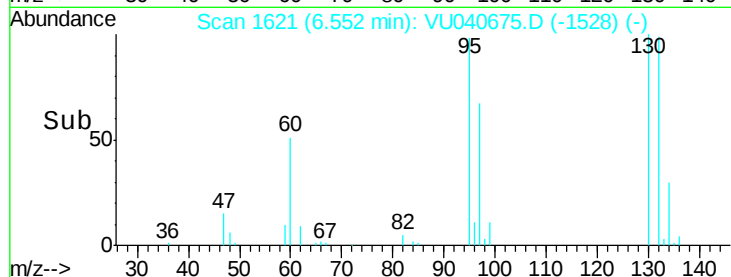
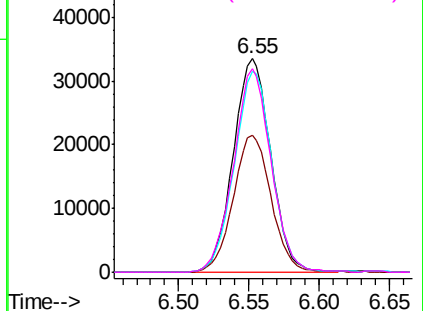
#34
 Trichloroethene
 Concen: 4.756 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040675.D
 Acq: 13 Oct 2020 12:19

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY4DL

Tot Ion: 95 Resp: 62501
 Ion Ratio Lower Upper
 95 100
 97 64.0 45.5 84.5
 132 94.1 67.5 125.4
 130 95.1 69.9 129.9

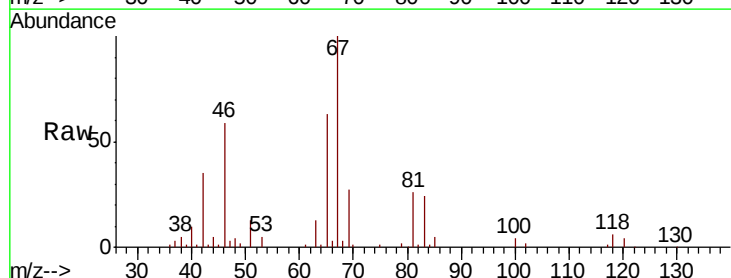


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

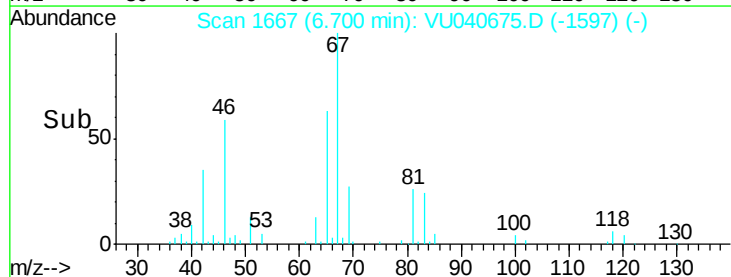
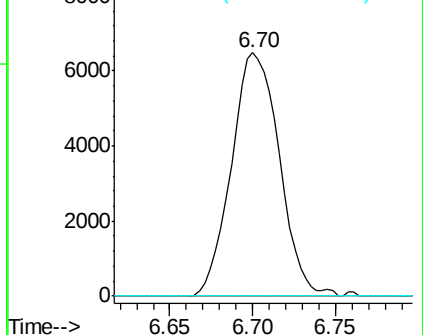


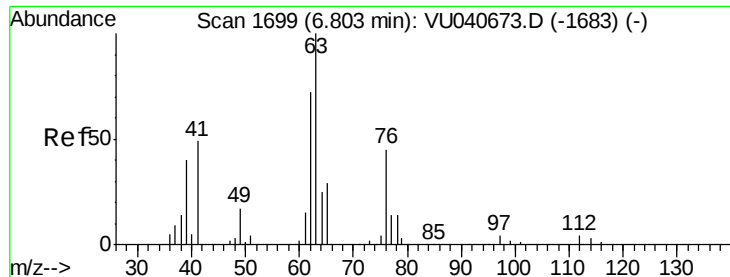
#35
 Methylcyclohexane
 Concen: 0.698 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: VU040675.D
 Acq: 13 Oct 2020 12:19

Tgt Ion: 83 Resp: 13017
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 0.0 38.4 57.6#



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

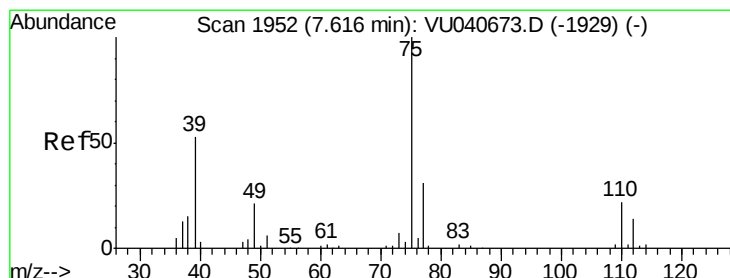
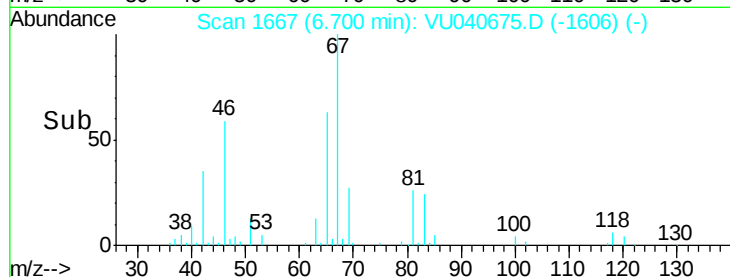
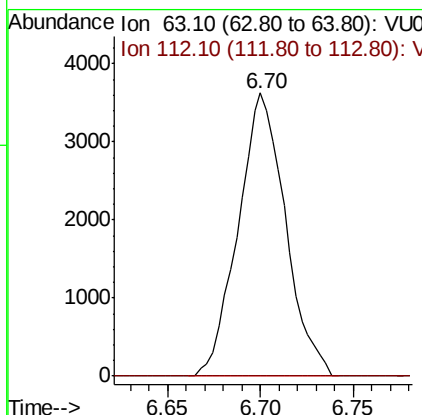
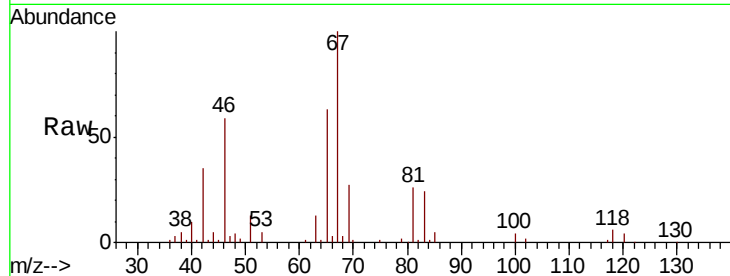




#37
 1,2-Dichloropropane
 Concen: 0.456 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040675.D
 Acq: 13 Oct 2020 12:19

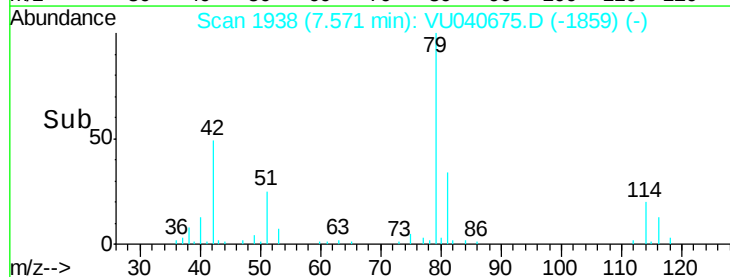
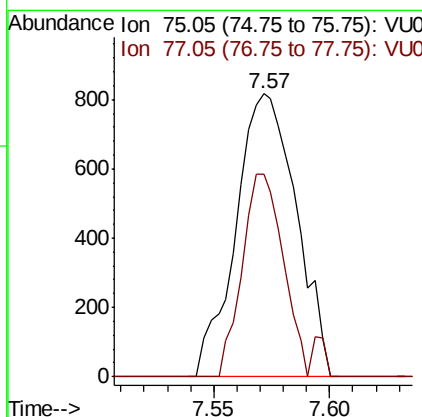
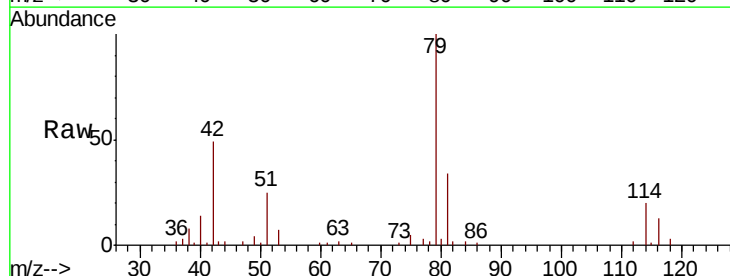
Instrument :
 MSVOA_U
 ClientSampleId :
 YAQY4DL

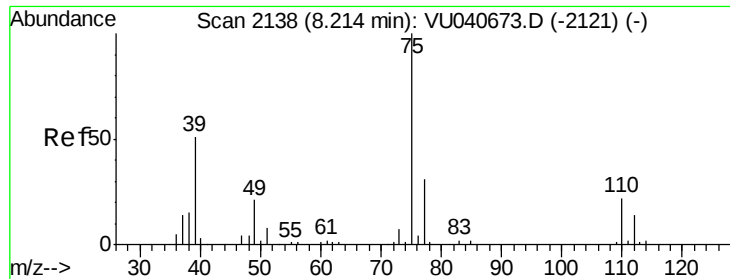
Tot Ion: 63 Resp: 6437
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040675.D
 Acq: 13 Oct 2020 12:19

Tgt Ion: 75 Resp: 1481
 Ion Ratio Lower Upper
 75 100
 77 71.6 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040675.D

Acq: 13 Oct 2020 12:19

Instrument :

MSVOA_U

ClientSampleId :

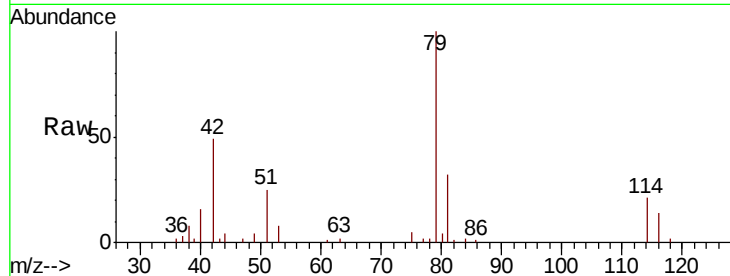
YAQY4DL

Tot Ion: 75 Resp: 1027

Ion Ratio Lower Upper

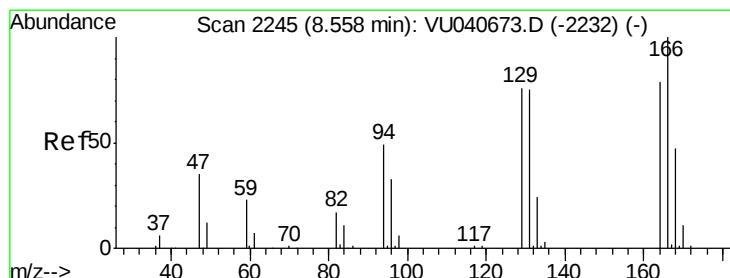
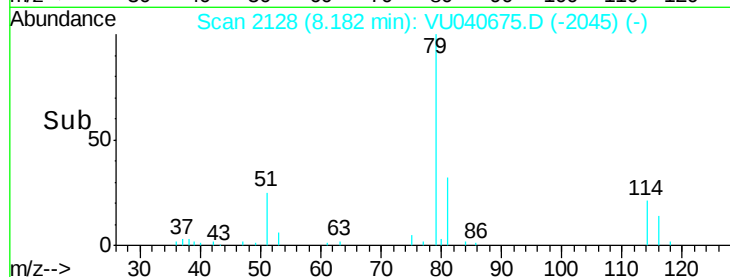
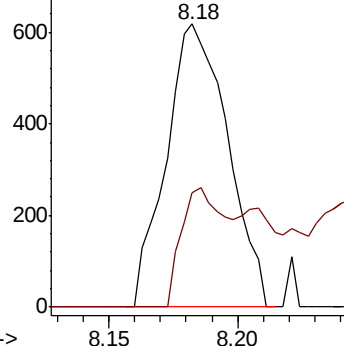
75 100

77 40.6 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.689 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040675.D

Acq: 13 Oct 2020 12:19

Tgt Ion: 164 Resp: 6457

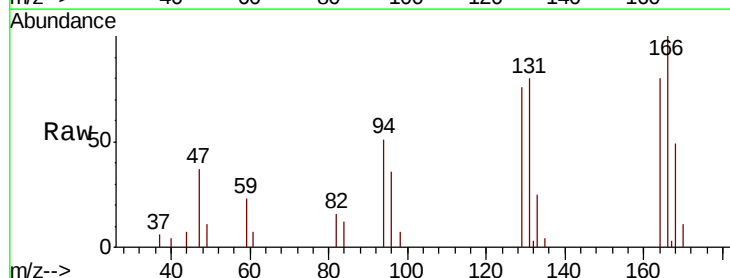
Ion Ratio Lower Upper

164 100

129 95.1 68.8 127.8

131 99.8 66.7 123.9

166 124.4 83.9 155.7

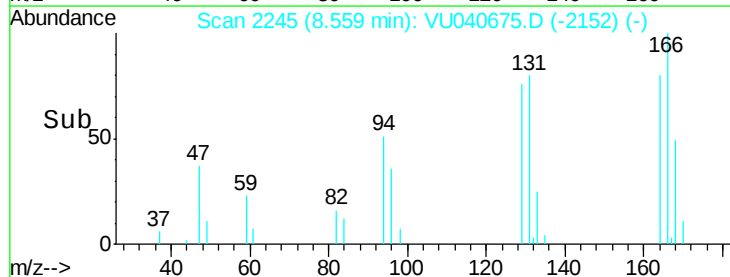
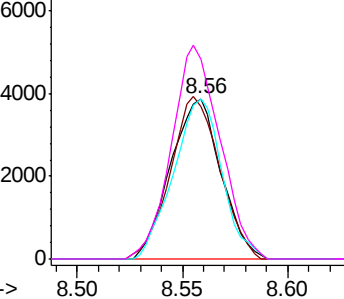


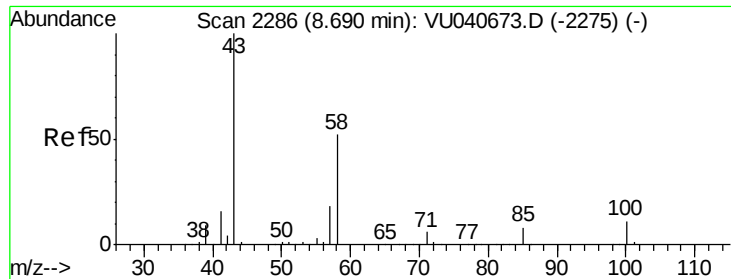
Abundance Ion 163.90 (163.60 to 164.60): V

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

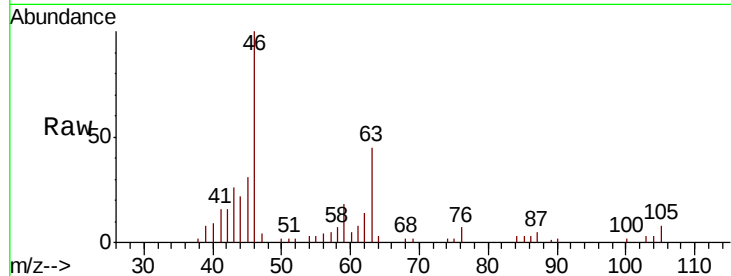




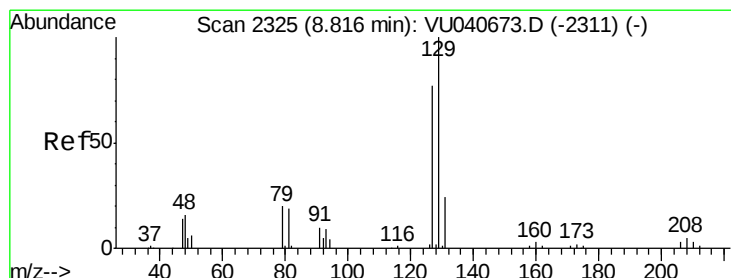
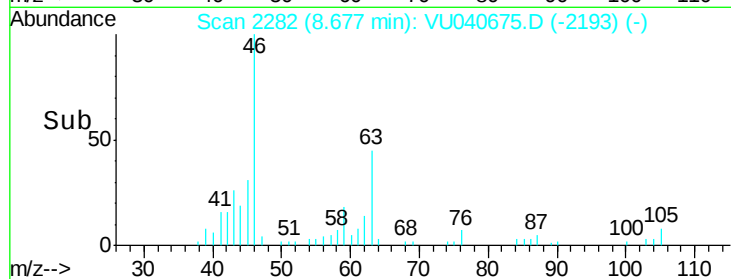
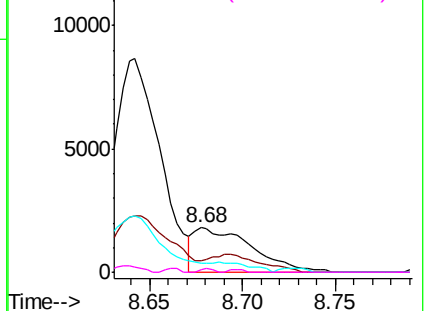
#48
2-Hexanone
Concen: 0.468 ug/L
RT: 8.68 min Scan# 2282
Delta R.T. -0.01 min
Lab File: VU040675.D
Acq: 13 Oct 2020 12:19

Instrument :
MSVOA_U
ClientSampleId :
YAQY4DL

Tot Ion: 43 Resp: 3927
Ion Ratio Lower Upper
43 100
58 0.0 41.0 61.6#
57 0.0 14.4 21.6#
100 1.9 8.6 13.0#

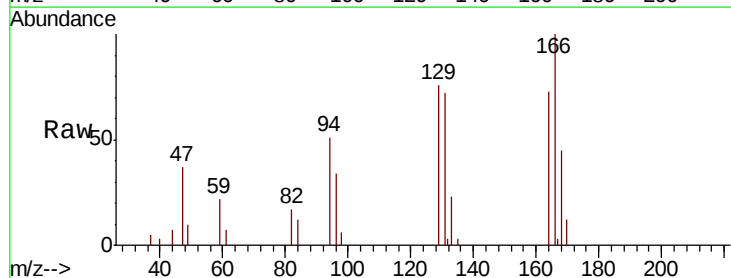


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

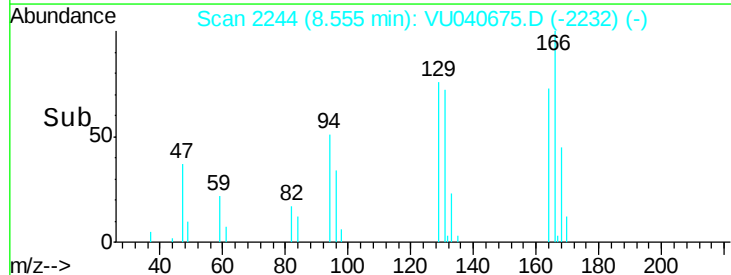
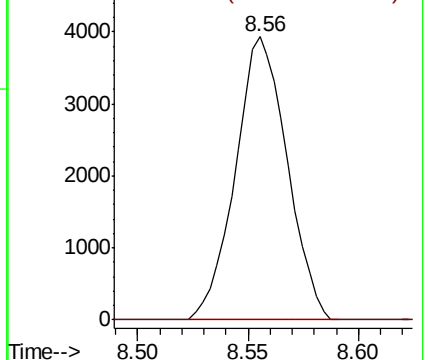


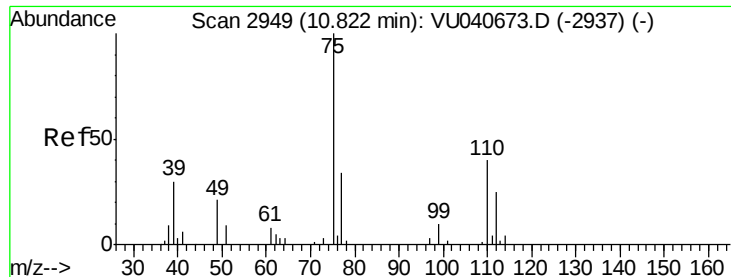
#49
Dibromochloromethane
Concen: 0.527 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040675.D
Acq: 13 Oct 2020 12:19

Tgt Ion: 129 Resp: 6410
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.891 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040675.D

Acq: 13 Oct 2020 12:19

Instrument :

MSVOA_U

ClientSampleId :

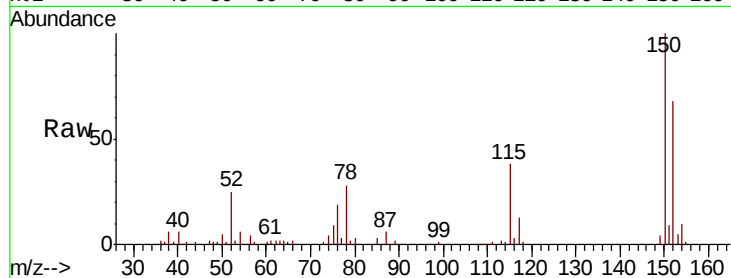
YAQY4DL

Tot Ion: 75 Resp: 9244

Ion Ratio Lower Upper

75 100

77 37.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

