

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101220\
 Data File : VU040656.D
 Acq On : 12 Oct 2020 13:51
 Operator : SY/MD
 Sample : L4345-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX8

Quant Time: Oct 13 04:41:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 13 04:32:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123586	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44749	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.92	69	38175	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	69567	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.66	46	174438	53.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.46%
24) Chloroform-d	5.08	84	92711	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.72	65	57857	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.74	84	166659	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.70	67	58915	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.91	98	133935	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	22851	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	122239	48.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48801	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	52758	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

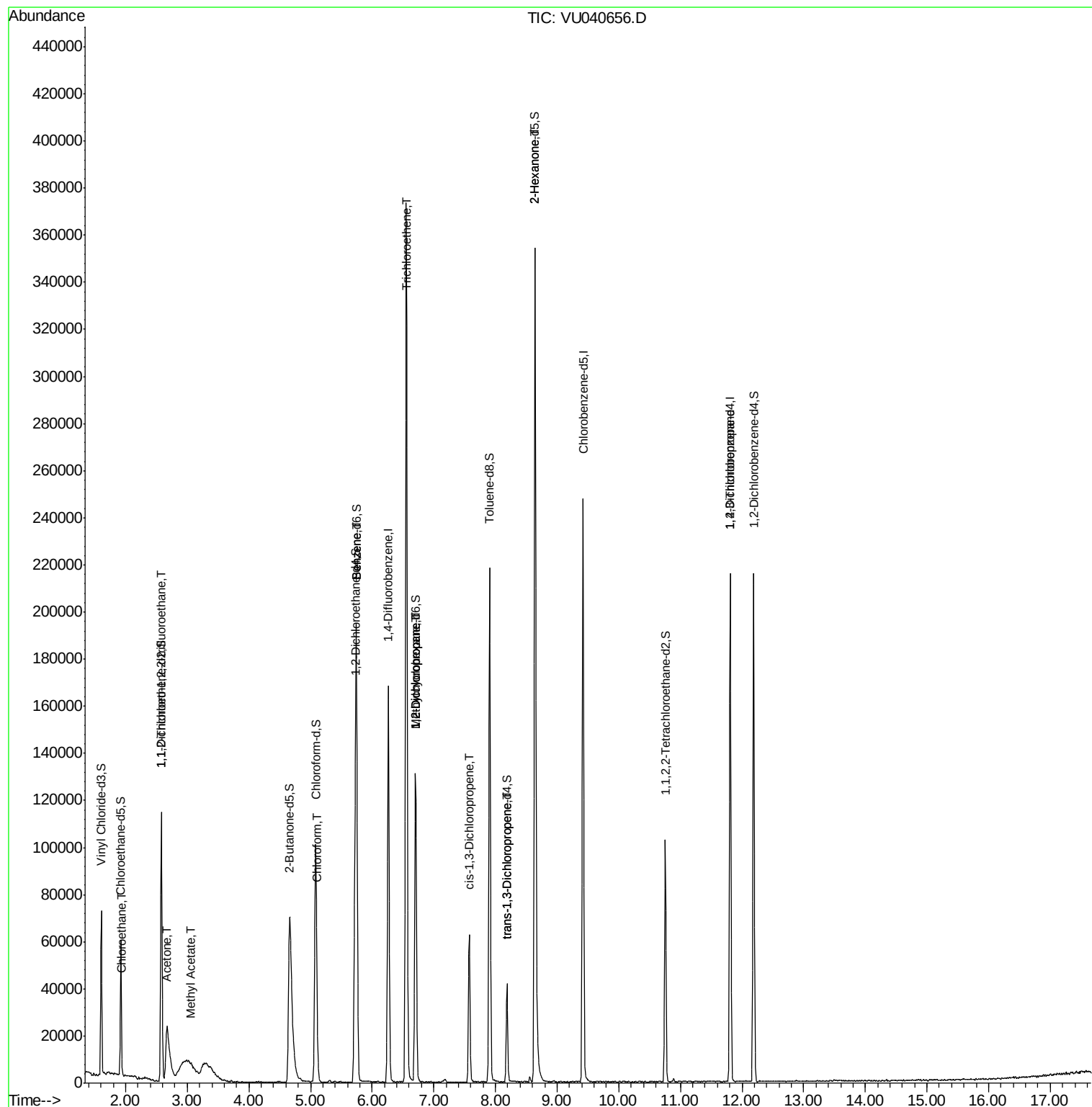
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	409	0.058	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	504	0.049	ug/L #	20
13) Acetone	2.67	43	71198	28.029	ug/L	81
15) Methyl Acetate	3.07	43	608	0.105	ug/L #	56
25) Chloroform	5.11	83	8968	0.460	ug/L	99
33) Benzene	5.74	78	1438	0.035	ug/L	100
34) Trichloroethene	6.56	95	124009	11.664	ug/L	99
35) Methylcyclohexane	6.71	83	13764	0.913	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6526	0.571	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1600	0.102	ug/L #	82
44) trans-1,3-Dichloropropene	8.19	75	1088	0.076	ug/L #	36
48) 2-Hexanone	8.64	43	18706	2.758	ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	7116	0.848	ug/L #	87

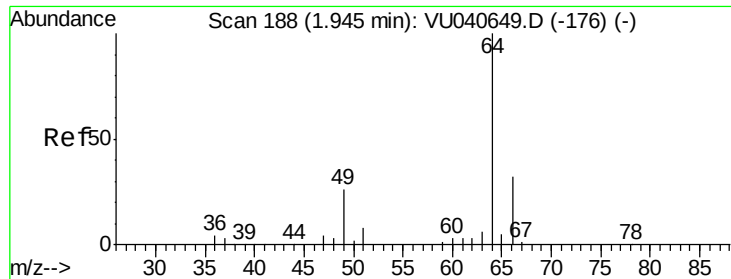
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.058 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040656.D

Acq: 12 Oct 2020 13:51

Instrument :

MSVOA_U

ClientSampleId :

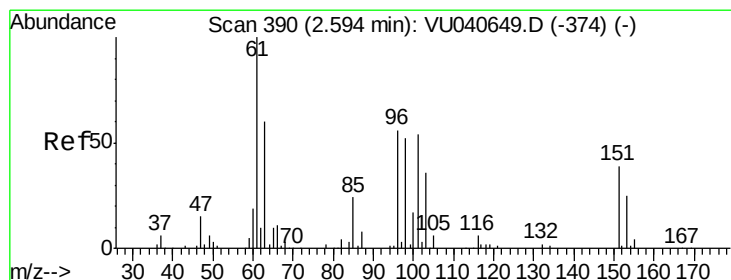
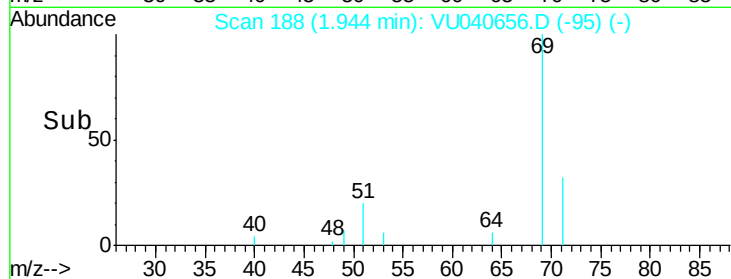
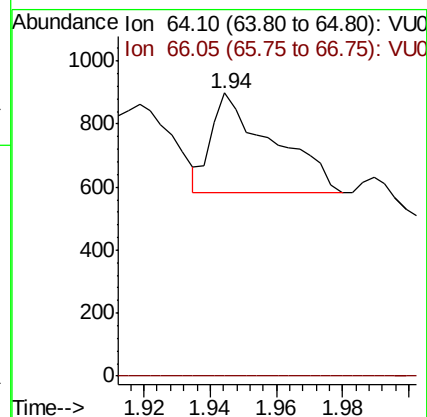
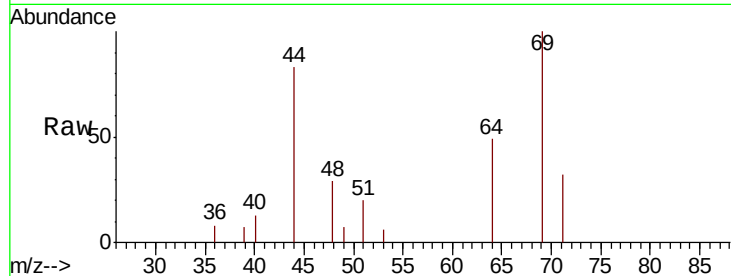
YQX8

Tot Ion: 64 Resp: 409

Ion Ratio Lower Upper

64 100

66 0.0 23.3 43.3#



#10

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

Concen: 0.049 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040656.D

Acq: 12 Oct 2020 13:51

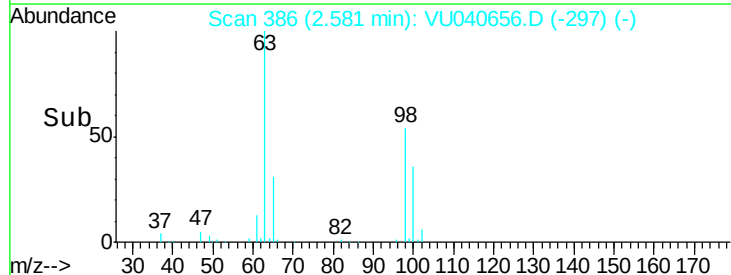
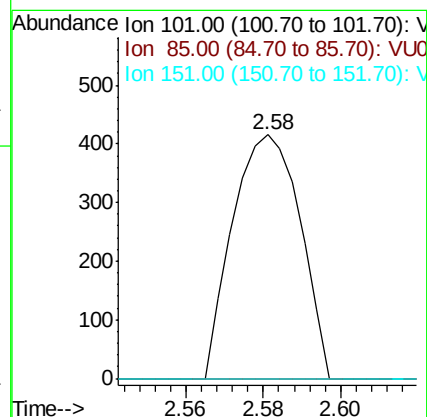
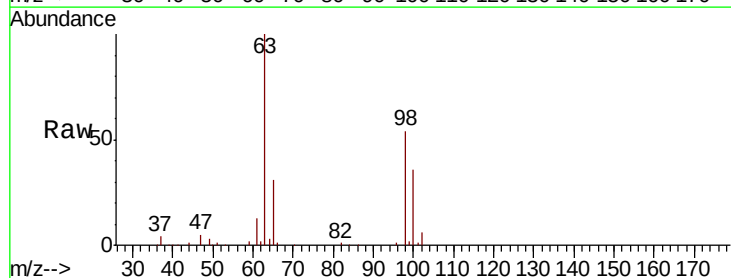
Tgt Ion: 101 Resp: 504

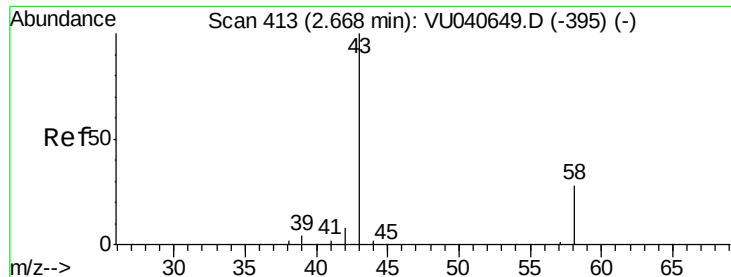
Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 58.0 87.0#





#13

Acetone

Concen: 28.029 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU040656.D

Acq: 12 Oct 2020 13:51

Instrument :

MSVOA_U

ClientSampleId :

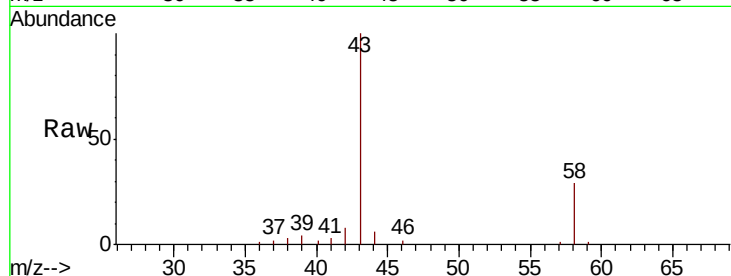
YAQX8

Tot Ion: 43 Resp: 71198

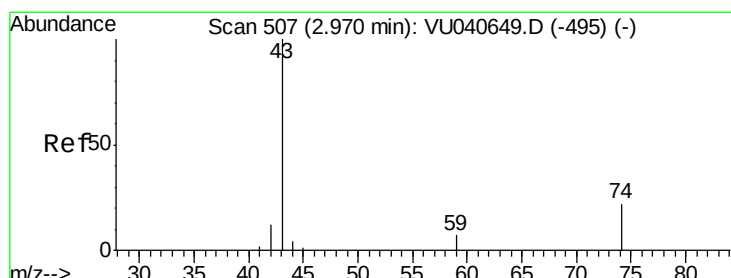
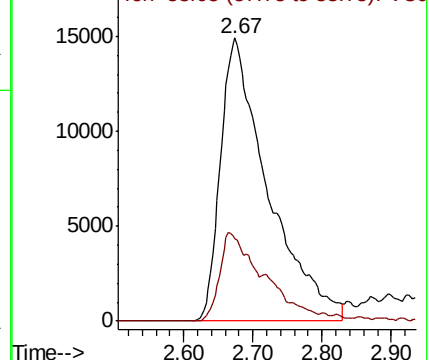
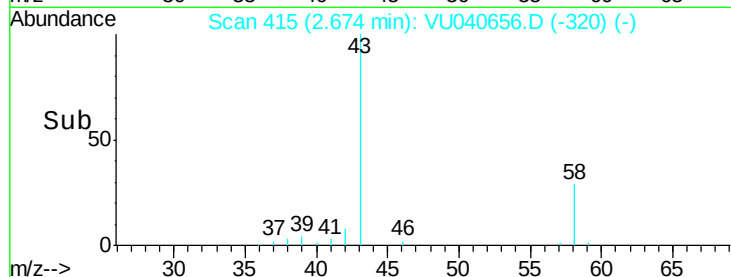
Ion Ratio Lower Upper

43 100

58 19.9 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040656.D (-320) (-)



#15

Methyl Acetate

Concen: 0.105 ug/L

RT: 3.07 min Scan# 538

Delta R.T. 0.10 min

Lab File: VU040656.D

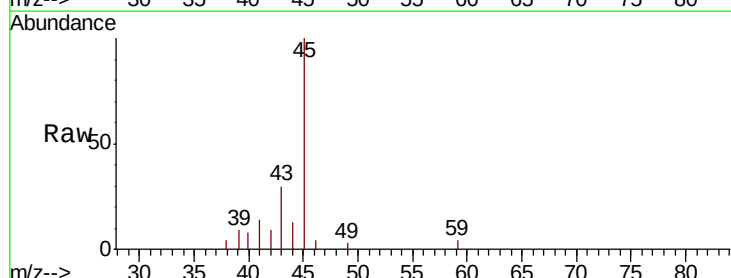
Acq: 12 Oct 2020 13:51

Tgt Ion: 43 Resp: 608

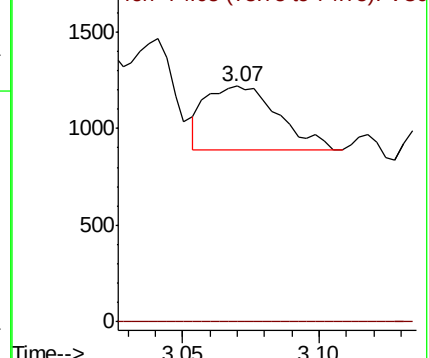
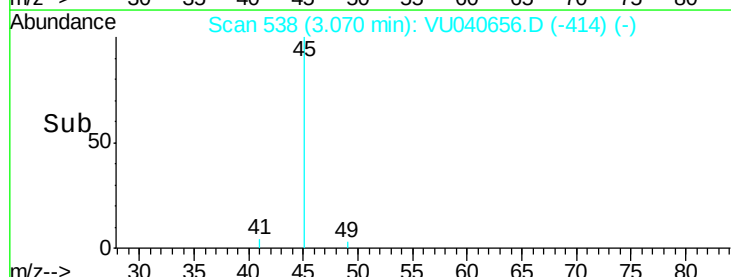
Ion Ratio Lower Upper

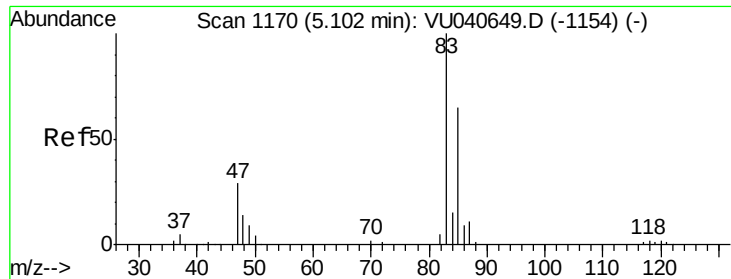
43 100

74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU040656.D (-414) (-)

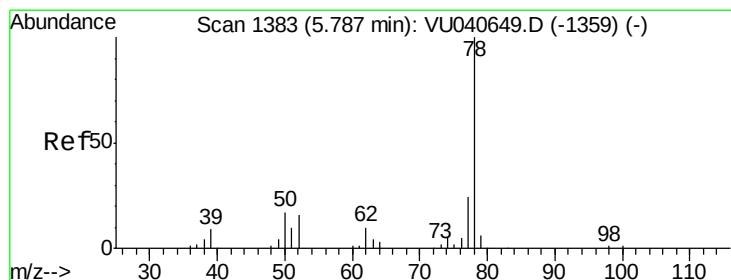
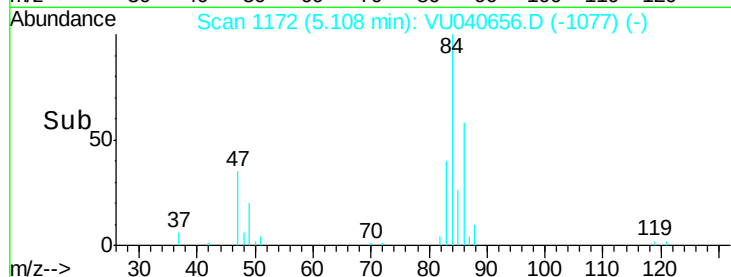
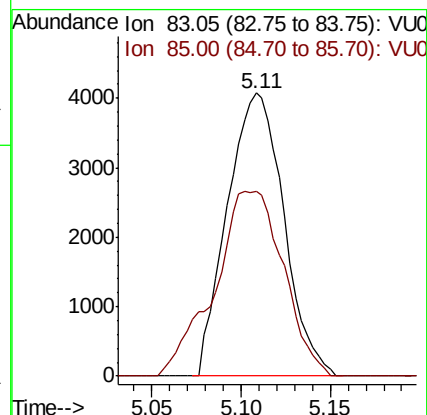
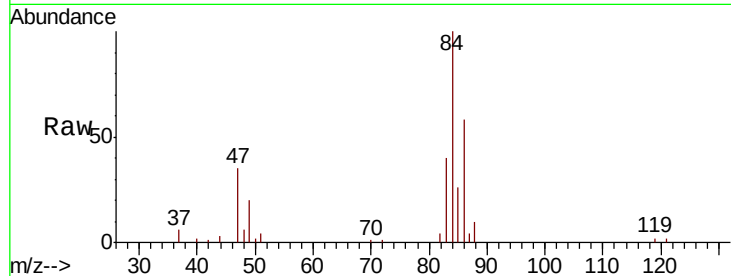




#25
Chloroform
Concen: 0.460 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040656.D
Acq: 12 Oct 2020 13:51

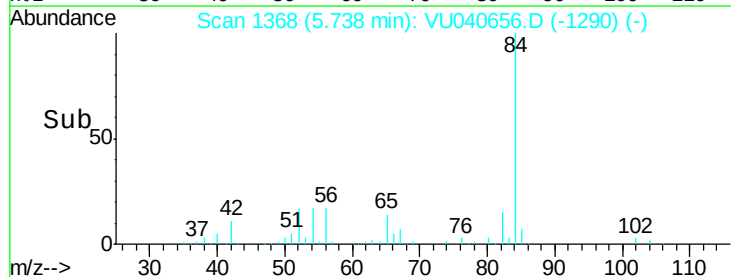
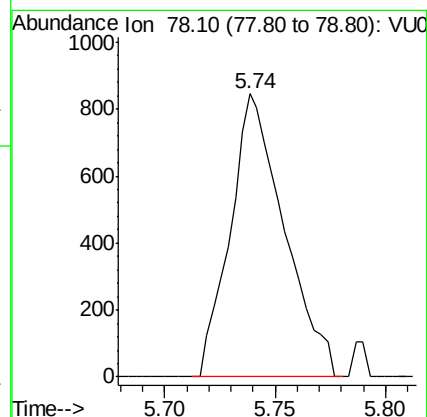
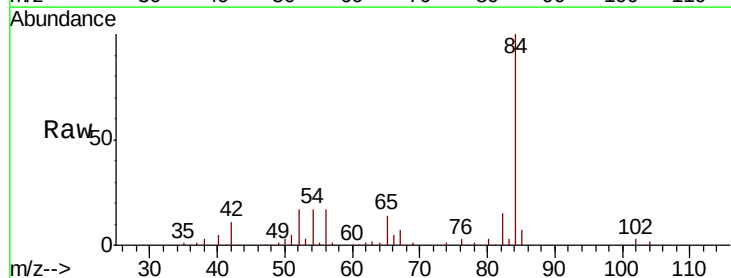
Instrument :
MSVOA_U
ClientSampleId :
YQX8

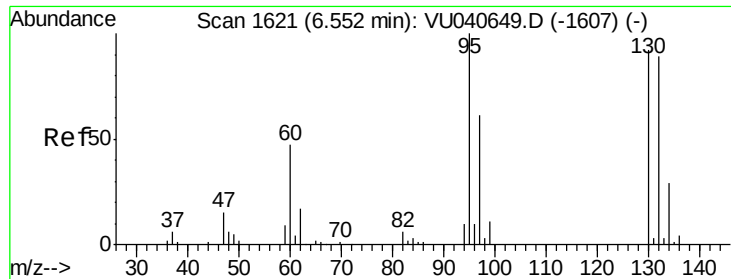
Tot Ion: 83 Resp: 8968
Ion Ratio Lower Upper
83 100
85 65.3 46.5 86.5



#33
Benzene
Concen: 0.035 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VU040656.D
Acq: 12 Oct 2020 13:51

Tgt Ion: 78 Resp: 1438

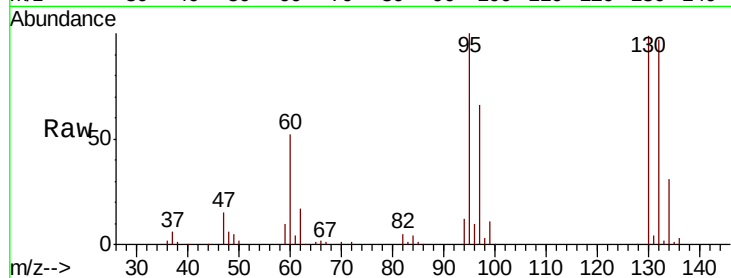




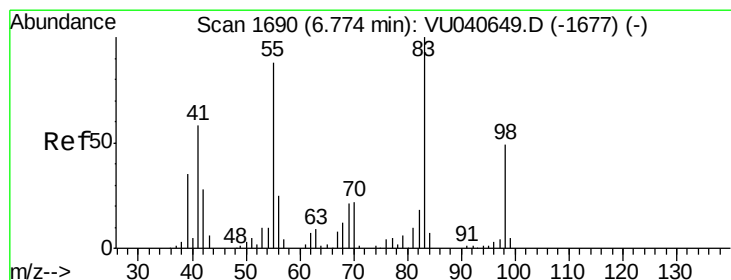
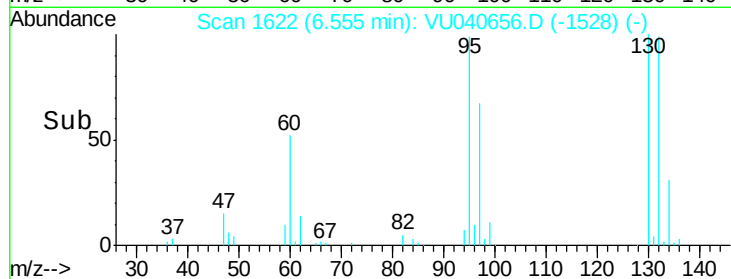
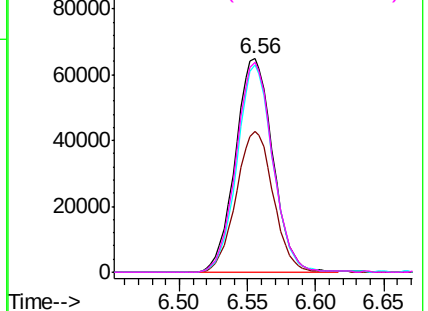
#34
 Trichloroethene
 Concen: 11.664 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040656.D
 Acq: 12 Oct 2020 13:51

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQX8

Tot Ion: 95 Resp: 124009
 Ion Ratio Lower Upper
 95 100
 97 65.7 45.5 84.5
 132 97.2 67.5 125.4
 130 98.6 69.9 129.9

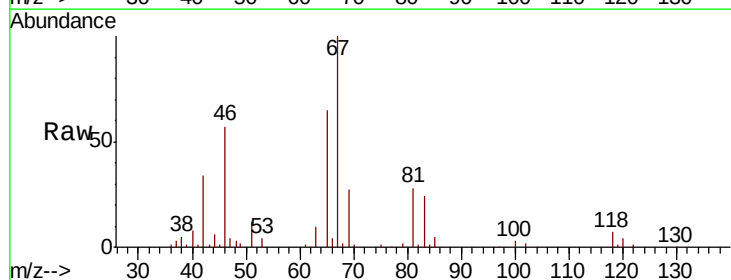


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

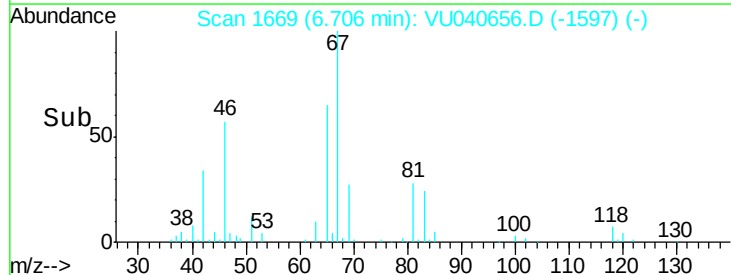
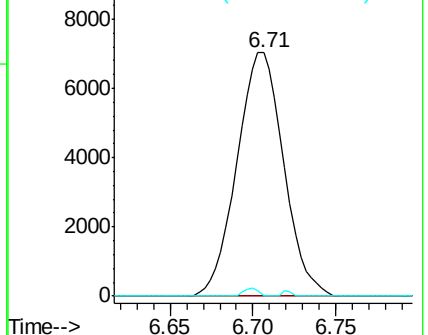


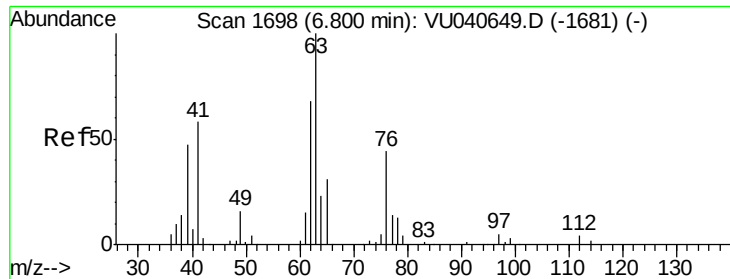
#35
 Methylcyclohexane
 Concen: 0.913 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU040656.D
 Acq: 12 Oct 2020 13:51

Tgt Ion: 83 Resp: 13764
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.7 106.1#
 98 1.0 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

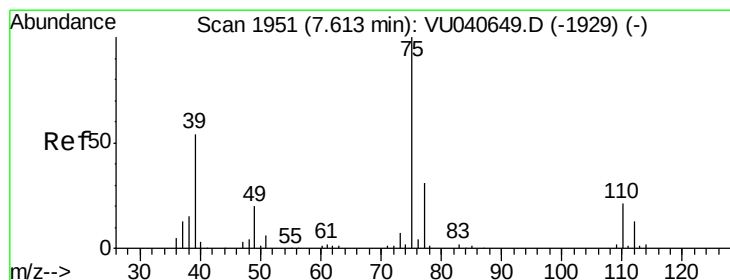
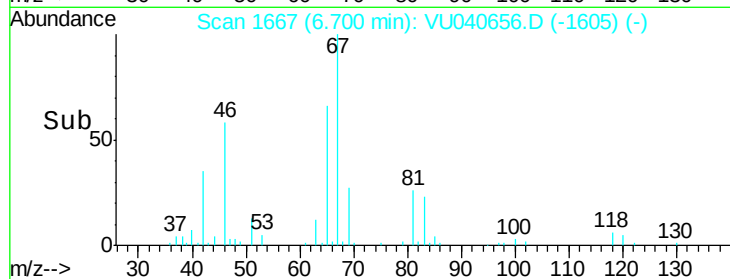
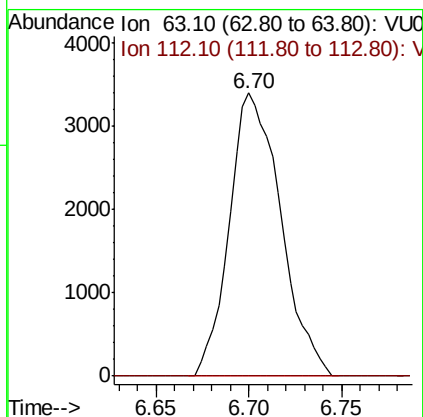
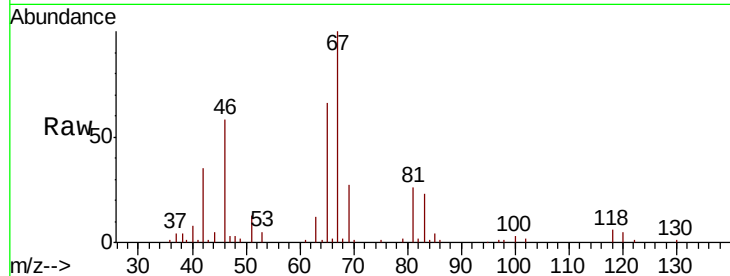




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040656.D
 Acq: 12 Oct 2020 13:51

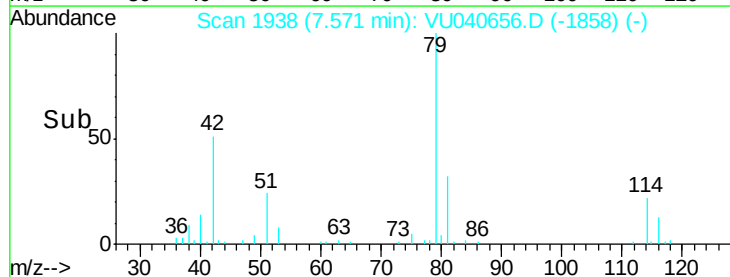
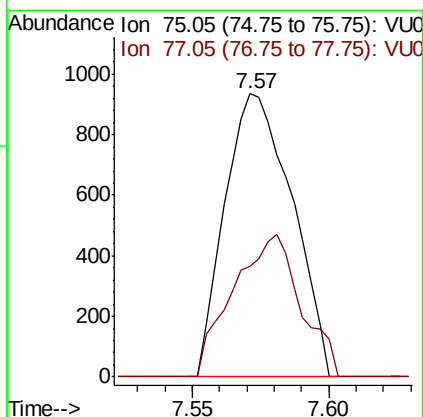
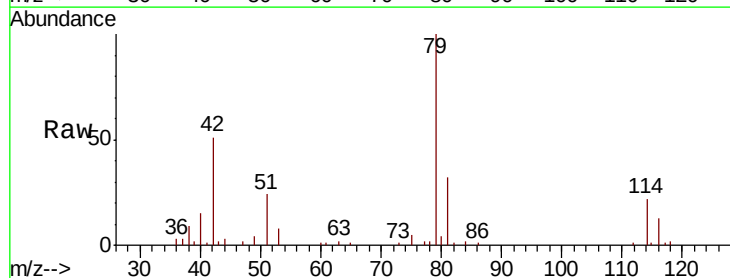
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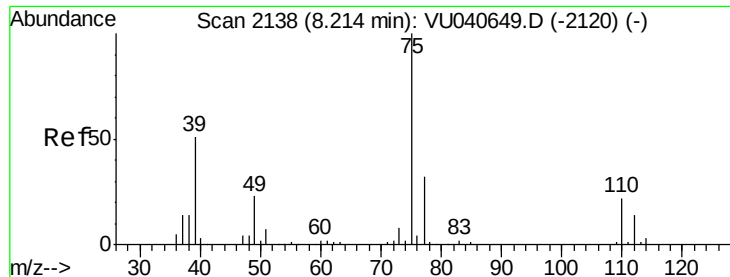
Tot Ion: 63 Resp: 6526
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040656.D
 Acq: 12 Oct 2020 13:51

Tgt Ion: 75 Resp: 1600
 Ion Ratio Lower Upper
 75 100
 77 39.1 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040656.D

Acq: 12 Oct 2020 13:51

Instrument :

MSVOA_U

ClientSampleId :

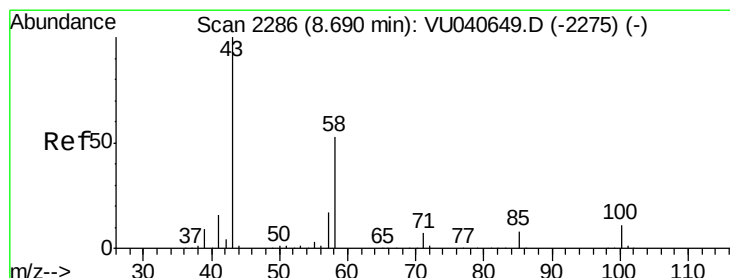
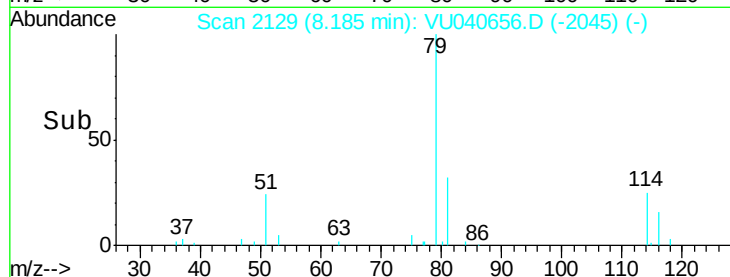
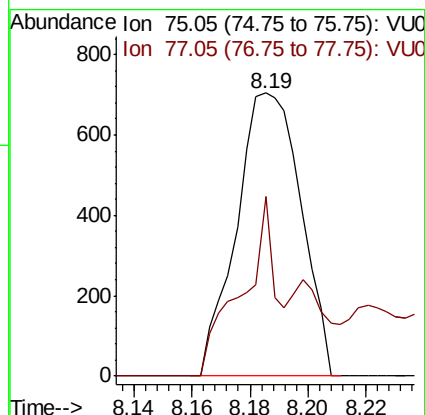
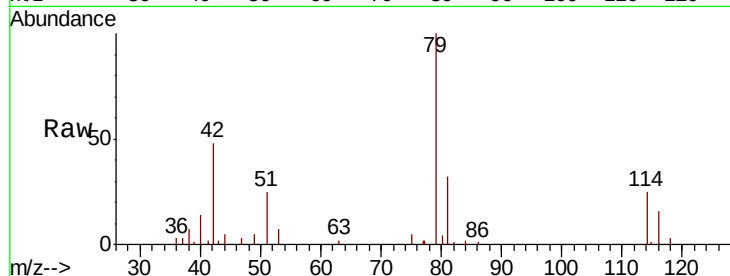
YQX8

Tot Ion: 75 Resp: 1088

Ion Ratio Lower Upper

75 100

77 63.6 20.4 38.0#



#48

2-Hexanone

Concen: 2.758 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040656.D

Acq: 12 Oct 2020 13:51

Tgt Ion: 43 Resp: 18706

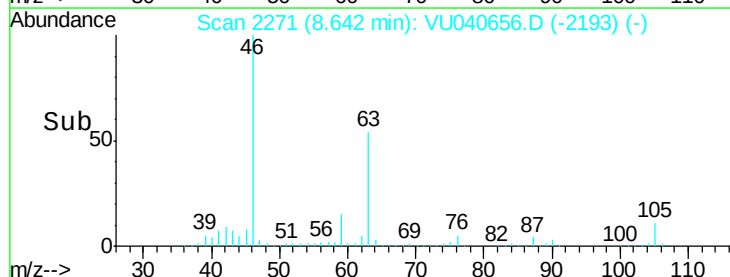
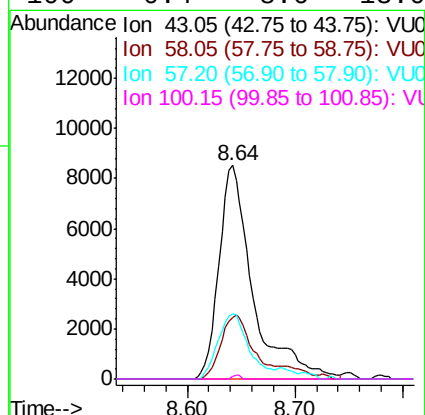
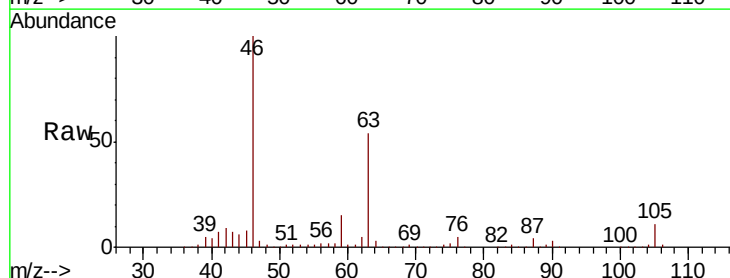
Ion Ratio Lower Upper

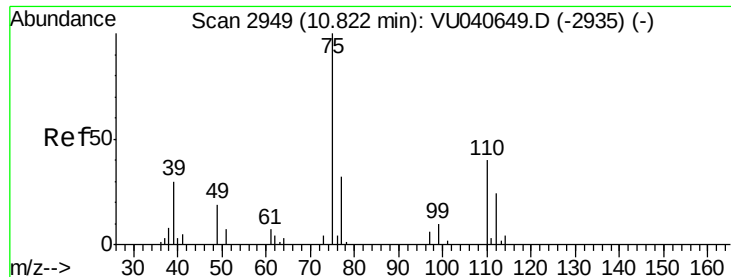
43 100

58 32.1 41.0 61.6#

57 27.6 14.4 21.6#

100 0.4 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 0.848 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040656.D

Acq: 12 Oct 2020 13:51

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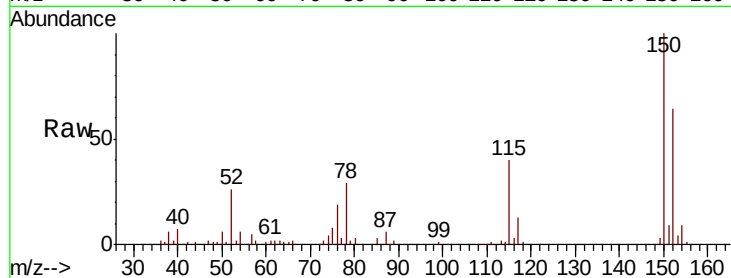
YQX8

Tot Ion: 75 Resp: 7116

Ion Ratio Lower Upper

75 100

77 40.6 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

