

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038331.D
 Acq On : 27 May 2020 19:15
 Operator : JC/MD
 Sample : L2749-09 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4X4

Quant Time: May 28 06:23:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295439	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84610	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.93	69	81736	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.59	63	133173	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	351390	52.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.40%
24) Chloroform-d	5.10	84	202118	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	120254	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.76	84	415922	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	134366	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	357665	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	50909	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.65	63	278528	53.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111574	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	145095	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

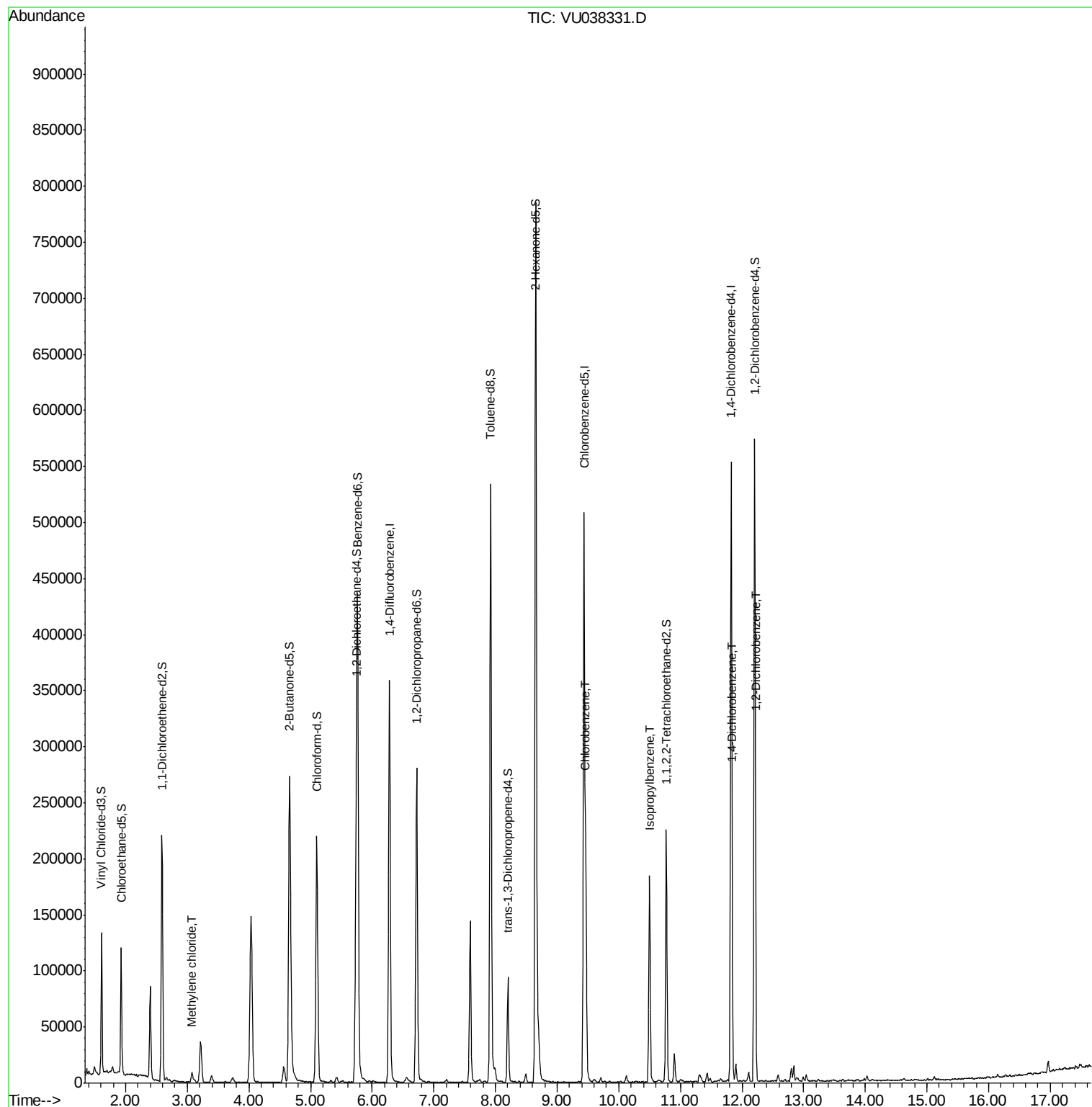
					Ovalue
16) Methylene chloride	3.08	84	3498	0.146 ug/L	98
51) Chlorobenzene	9.47	112	97529	1.637 ug/L	99
56) Isopropylbenzene	10.50	105	120839	1.220 ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	5677	0.125 ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	3729	0.087 ug/L #	85

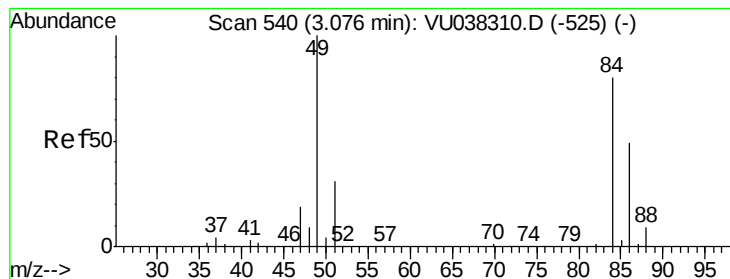
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.146 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

BE4X4

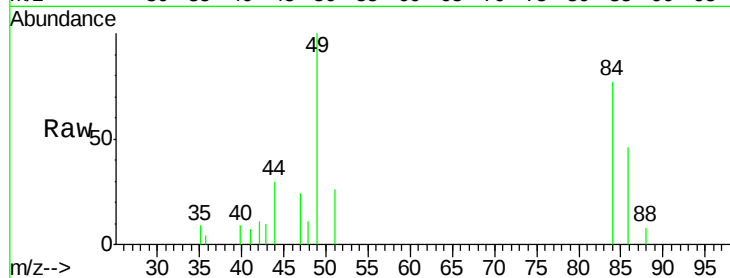
Tot Ion: 84 Resp: 3498

Ion Ratio Lower Upper

84 100

86 60.2 44.9 83.3

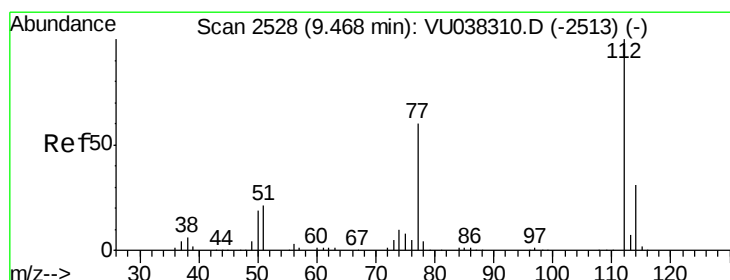
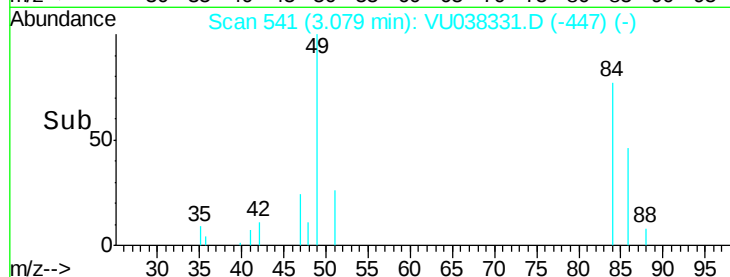
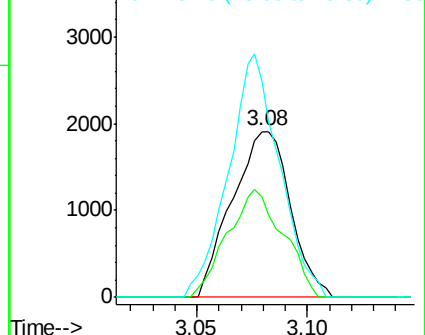
49 130.3 92.0 170.9



Abundance Ion 84.05 (83.75 to 84.75): VU038331.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038331.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038331.D (-525) (-)



#51

Chlorobenzene

Concen: 1.637 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

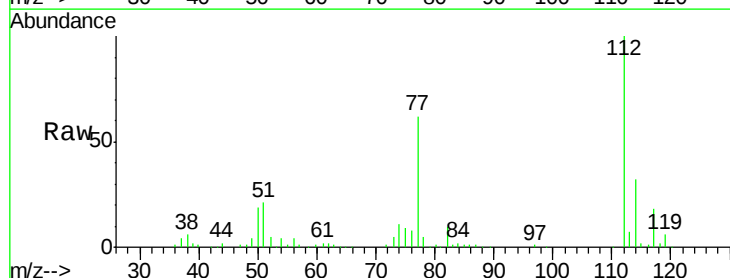
Tgt Ion: 112 Resp: 97529

Ion Ratio Lower Upper

112 100

114 31.9 22.5 41.7

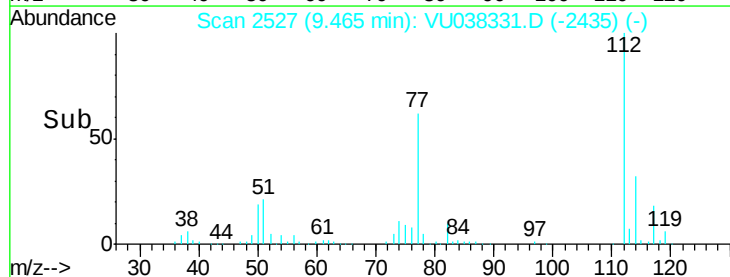
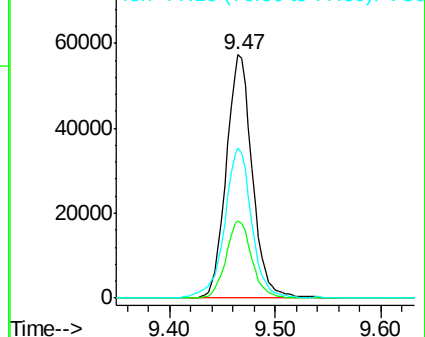
77 61.7 49.9 74.9

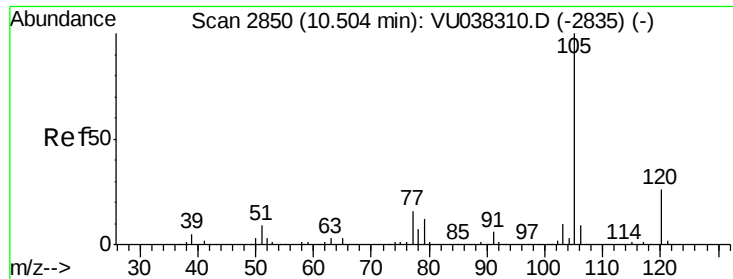


Abundance Ion 112.10 (111.80 to 112.80): VU038331.D (-2513) (-)

Ion 114.05 (113.75 to 114.75): VU038331.D (-2513) (-)

Ion 77.10 (76.80 to 77.80): VU038331.D (-2513) (-)





#56

Isopropylbenzene

Concen: 1.220 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

Instrument :

MSVOA_U

ClientSampled :

BE4X4

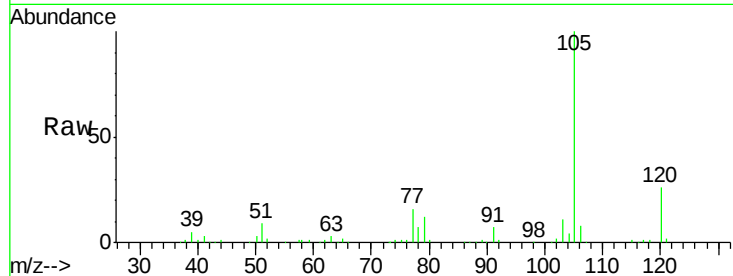
Tot Ion:105 Resp: 120839

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

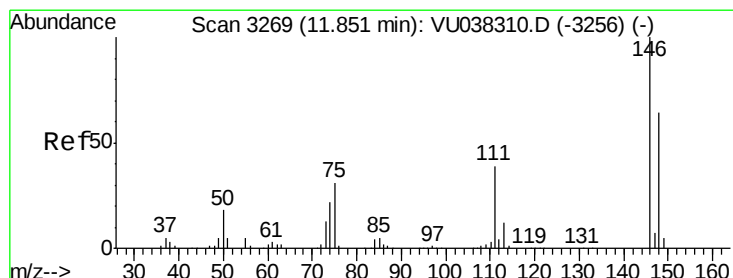
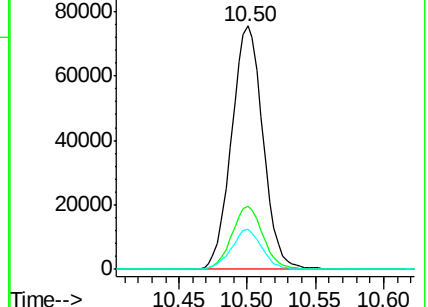
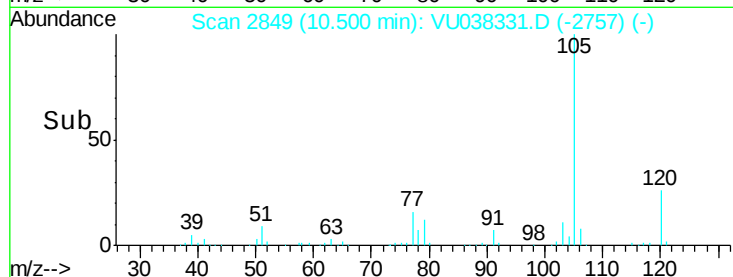
77 16.1 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#63

1,4-Dichlorobenzene

Concen: 0.125 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

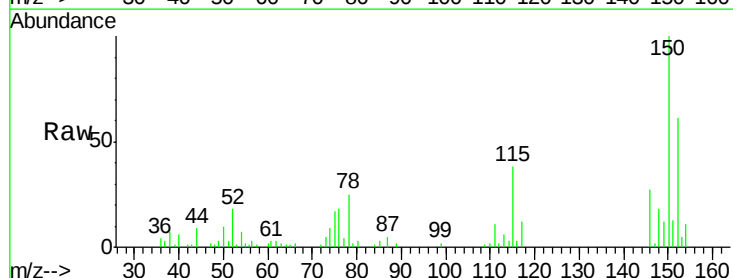
Tgt Ion:146 Resp: 5677

Ion Ratio Lower Upper

146 100

111 40.2 27.2 50.6

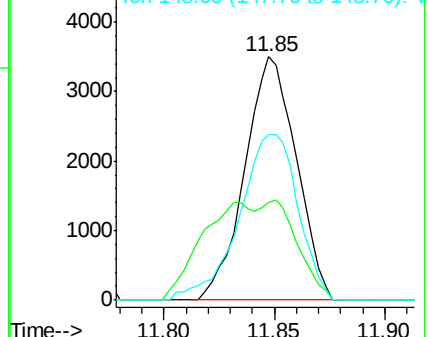
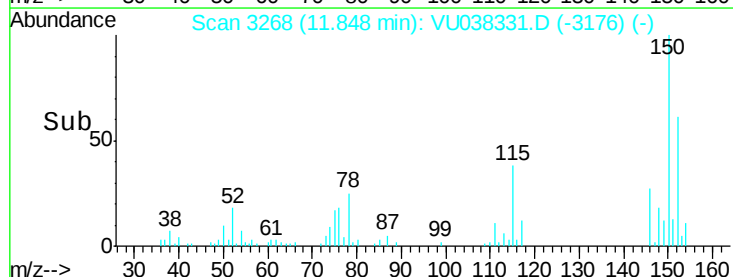
148 68.2 43.8 81.3

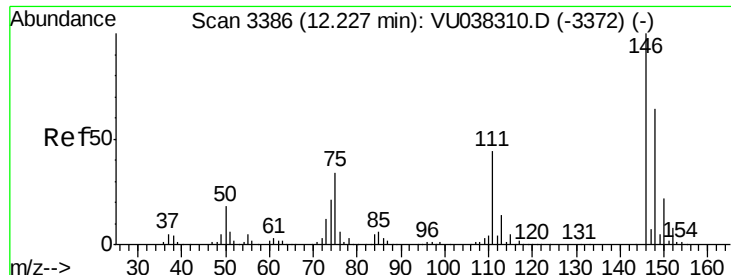


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.087 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

BE4X4

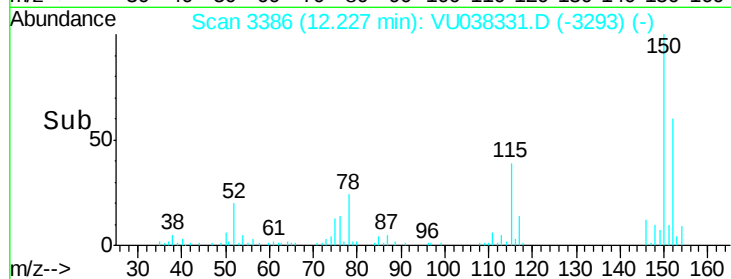
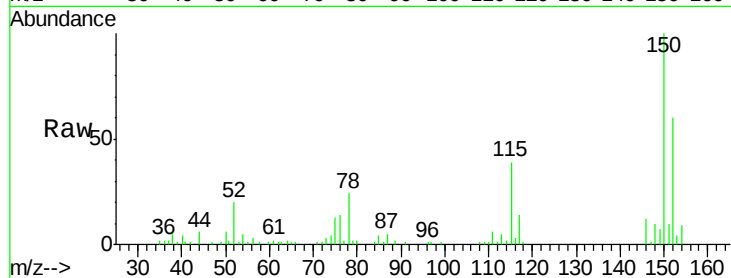
Tot Ion:146 Resp: 3729

Ion Ratio Lower Upper

146 100

111 49.3 35.3 52.9

148 79.0 51.0 76.4#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

