

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052219\
 Data File : VU032232.D
 Acq On : 22 May 2019 19:13
 Operator : JC/SP
 Sample : K3001-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE8

Quant Time: May 23 02:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 01:46:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	380126	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	382193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	154304	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	117271	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.68	69	100759	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.27	63	171131	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.20	46	259186	43.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.08%
24) Chloroform-d	4.64	84	224447	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	115739	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.33	84	457281	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	136155	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.20%
41) Toluene-d8	7.56	98	386189	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	7.85	79	46475	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
46) 2-Hexanone-d5	8.31	63	218948	42.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112242	3.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	142958	3.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.20%#

Target Compounds

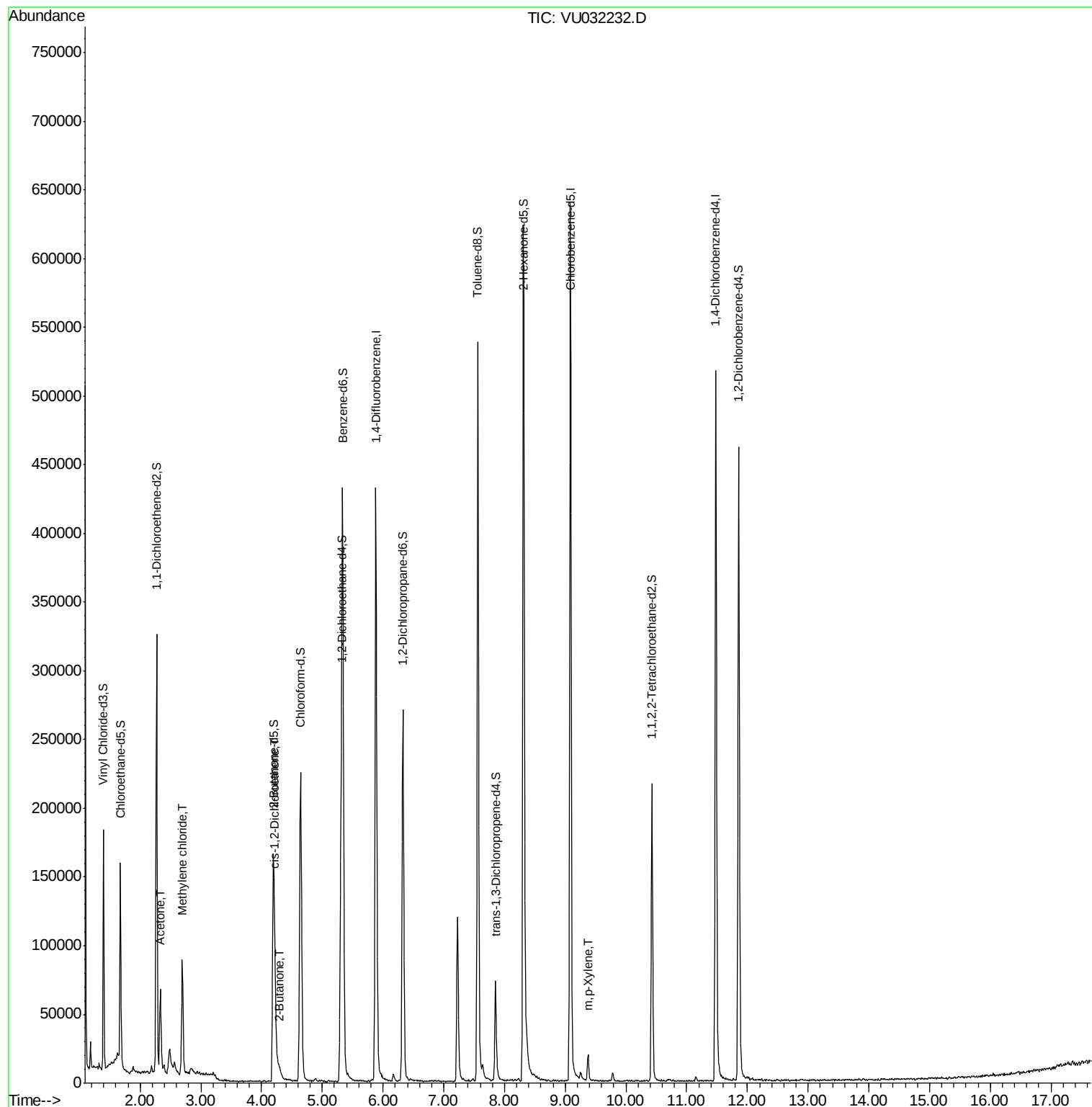
					Ovalue
13) Acetone	2.33	43	65412	35.061 ug/L	99
16) Methylene chloride	2.70	84	39178	2.171 ug/L	96
21) 2-Butanone	4.30	43	11238	3.993 ug/L #	60
22) cis-1,2-Dichloroethene	4.22	96	10976	0.774 ug/L	93
53) m,p-Xylene	9.38	106	6603	0.321 ug/L	80

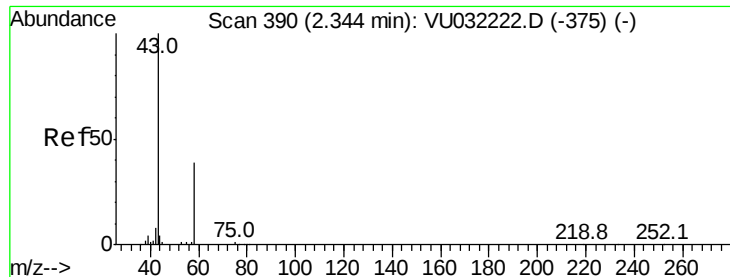
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 35.061 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

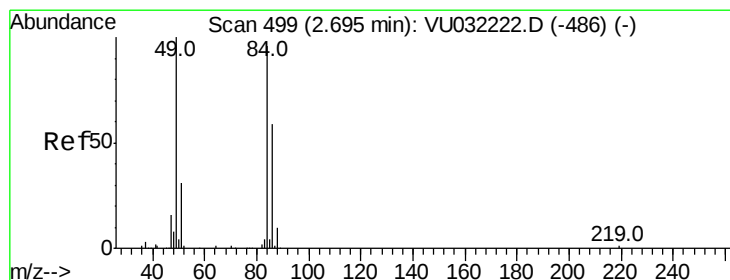
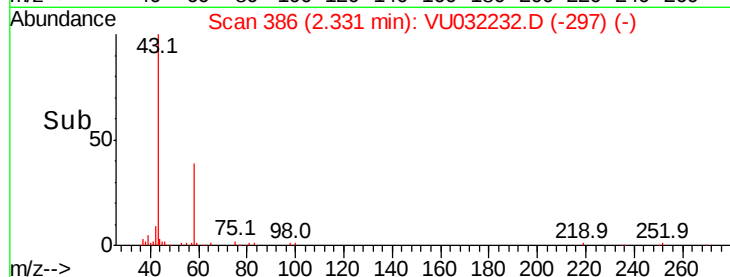
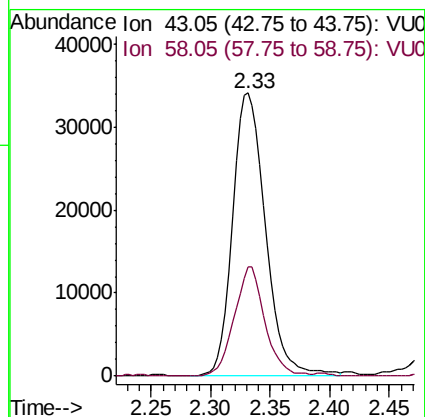
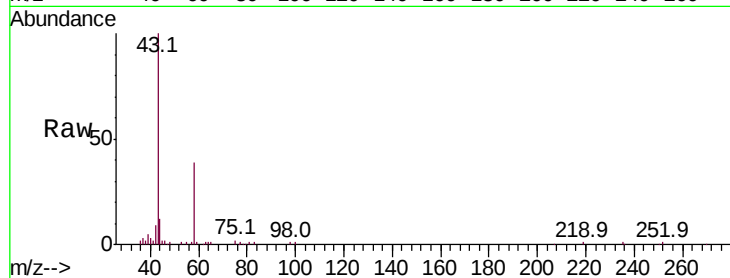
E3YE8

Tot Ion: 43 Resp: 65412

Ion Ratio Lower Upper

43 100

58 35.9 0.0 72.6



#16

Methylene chloride

Concen: 2.171 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

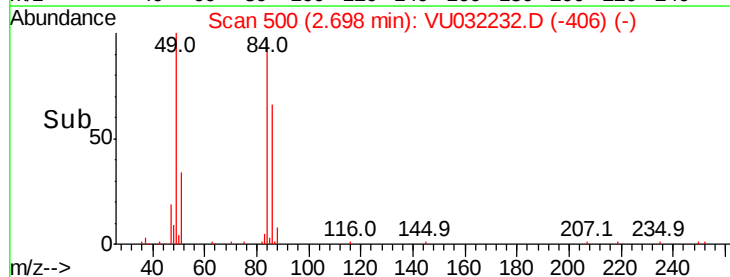
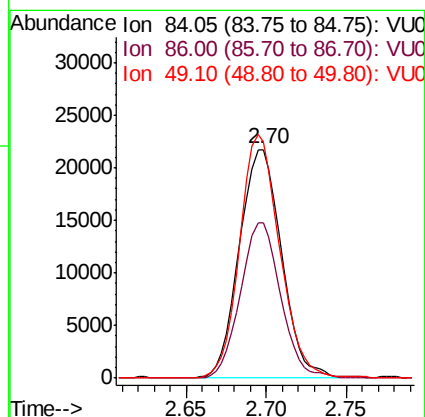
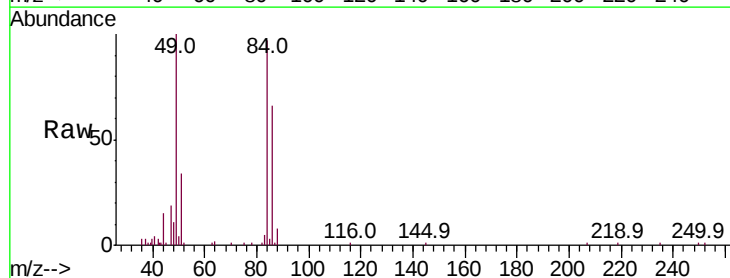
Tgt Ion: 84 Resp: 39178

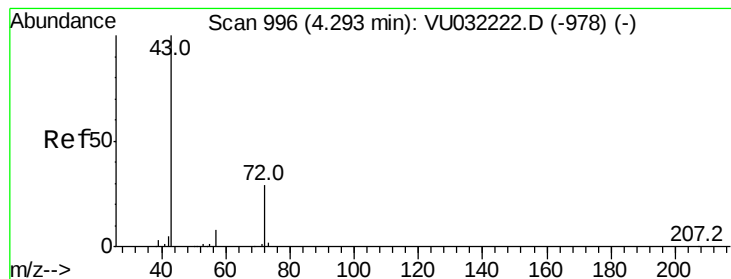
Ion Ratio Lower Upper

84 100

86 67.8 43.6 81.0

49 103.0 71.1 132.1





#21

2-Butanone

Concen: 3.993 ug/L

RT: 4.30 min Scan# 998

Delta R.T. 0.01 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

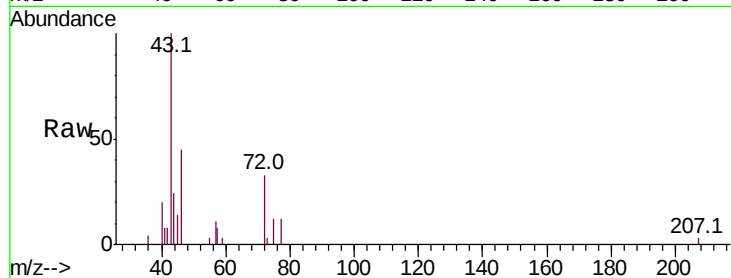
E3YE8

Tot Ion: 43 Resp: 11238

Ion Ratio Lower Upper

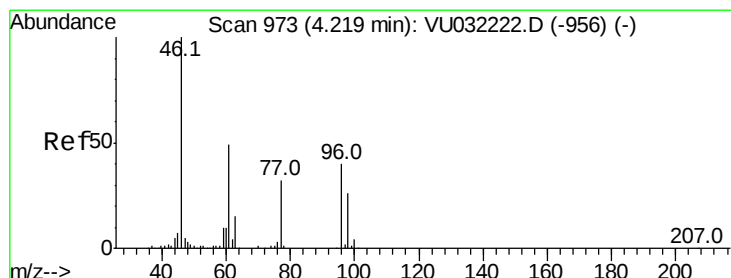
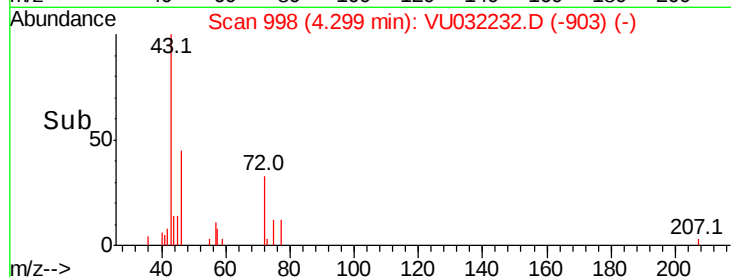
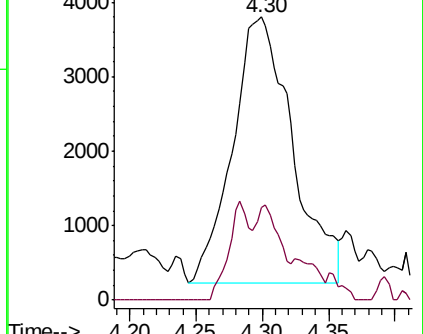
43 100

72 8.4 15.2 45.6#



Abundance Ion 43.05 (42.75 to 43.75): VU032222.D (-978) (-)

Ion 72.10 (71.80 to 72.80): VU032222.D (-978) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.774 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

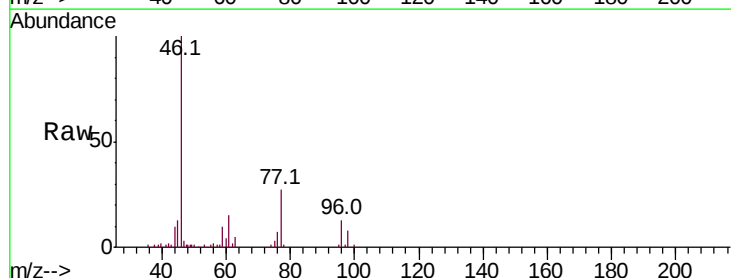
Tgt Ion: 96 Resp: 10976

Ion Ratio Lower Upper

96 100

61 109.8 82.5 153.1

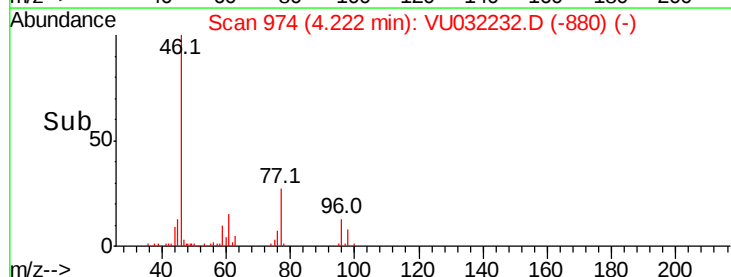
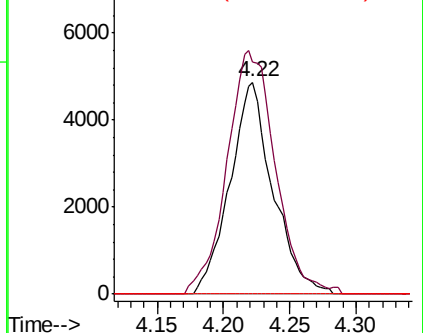
68 0.0 0.0 0.0

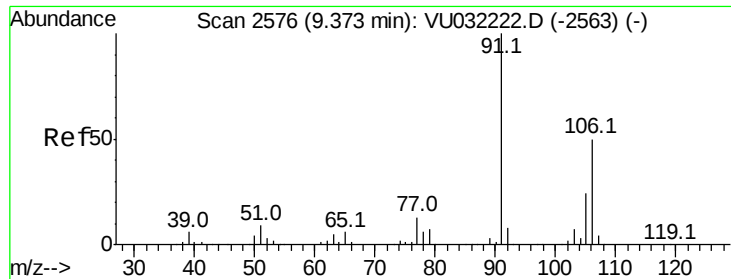


Abundance Ion 96.00 (95.70 to 96.70): VU032222.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU032222.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU032222.D (-956) (-)





#53

m,p-Xylene

Concen: 0.321 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU032232.D

Acq: 22 May 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

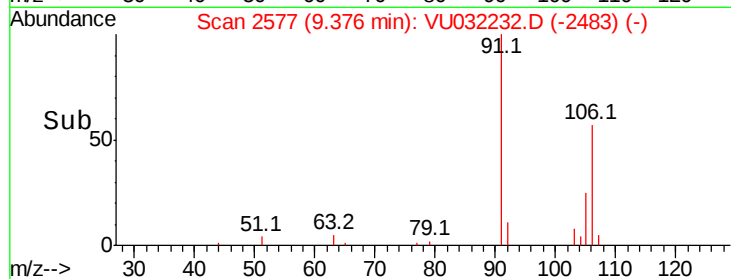
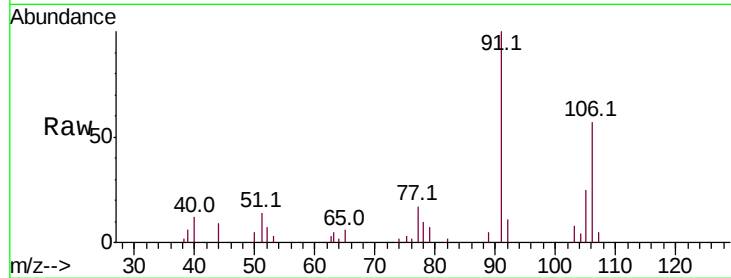
E3YE8

Tot Ion:106 Resp: 6603

Ion Ratio Lower Upper

106 100

91 174.6 143.9 267.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0

