

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092019\
 Data File : VU034724.D
 Acq On : 21 Sep 2019 05:24
 Operator : JC/SP
 Sample : K4993-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOH7

Quant Time: Sep 21 07:05:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 21 05:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	442299	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	423846	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	179383	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	155025	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.48%
7) Chloroethane-d5	1.67	69	137608	39.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.64%
11) 1,1-Dichloroethene-d2	2.26	63	263114	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	4.15	46	331594	95.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.55%
24) Chloroform-d	4.62	84	288316	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.29	65	216242	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
32) Benzene-d6	5.32	84	578856	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.31	67	208322	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.74%
41) Toluene-d8	7.54	98	526253	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.83	79	86223	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.42%
47) 2-Hexanone-d5	8.29	63	206650	89.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	279921	43.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.86%
64) 1,2-Dichlorobenzene-d4	11.84	152	172757	45.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.86%

Target Compounds

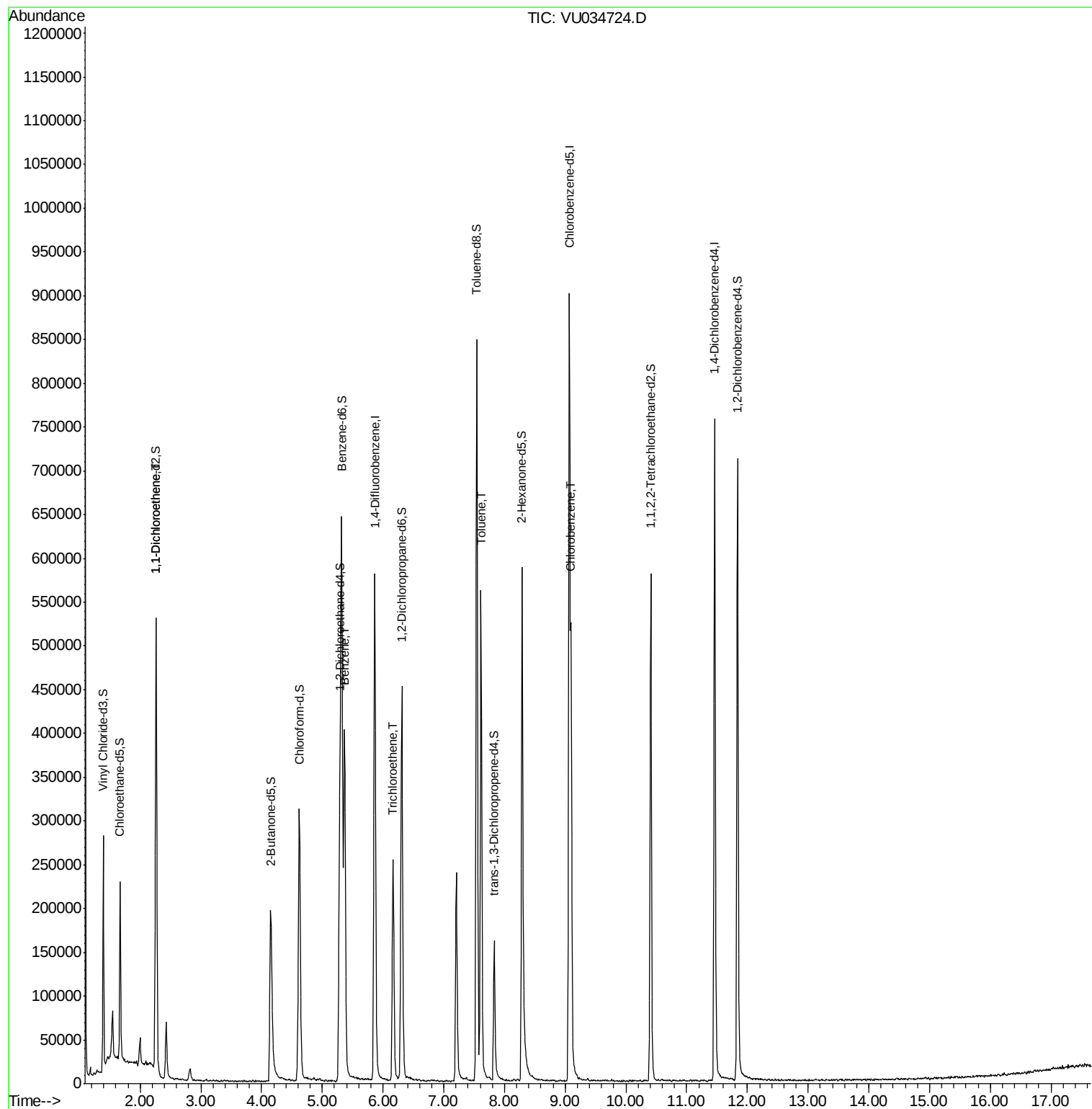
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	68529	23.681	ug/L	# 79
33) Benzene	5.36	78	357110	24.293	ug/L	100
34) Trichloroethene	6.16	95	84890	23.383	ug/L	99
42) Toluene	7.61	91	385411	24.260	ug/L	100
51) Chlorobenzene	9.10	112	237190	24.560	ug/L	97

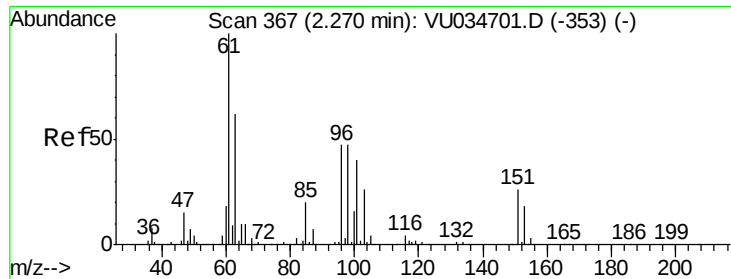
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 23.681 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU034724.D

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MSVOA_U

ClientSampleId :

ETOH7

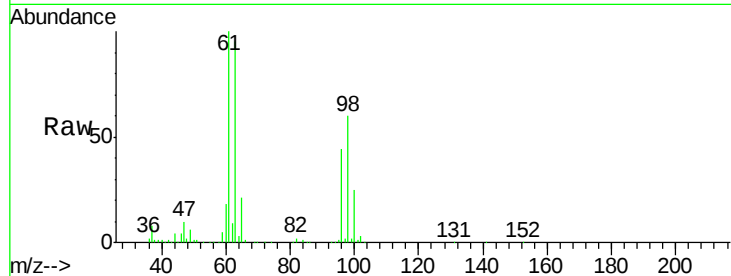
Tot Ion: 96 Resp: 68529

Ion Ratio Lower Upper

96 100

61 228.5 153.2 284.4

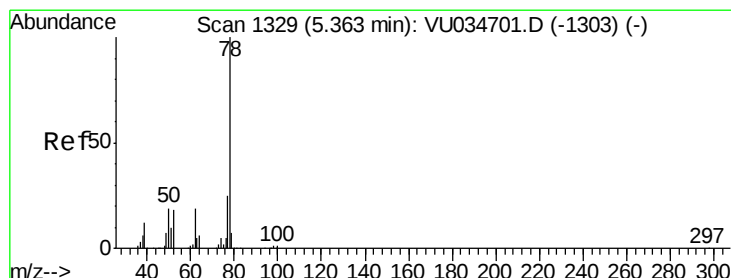
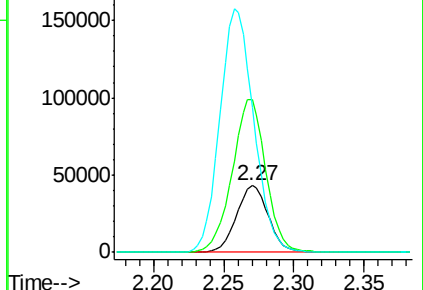
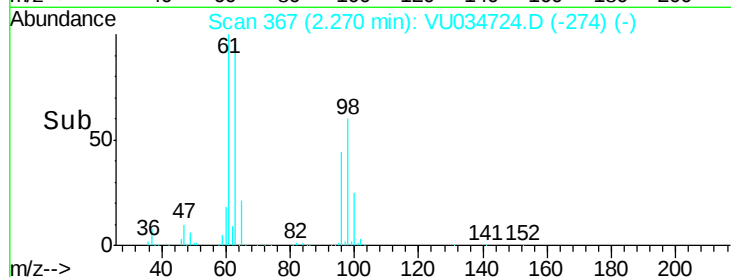
63 218.1 113.8 211.3#



Abundance Ion 96.00 (95.70 to 96.70): VU034724.D (-274) (-)

Ion 61.00 (60.70 to 61.70): VU034724.D (-274) (-)

Ion 63.00 (62.70 to 63.70): VU034724.D (-274) (-)



#33

Benzene

Concen: 24.293 ug/L

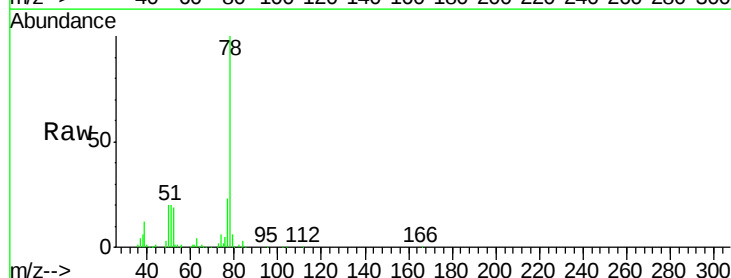
RT: 5.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: VU034724.D

Acq: 21 Sep 2019 05:24

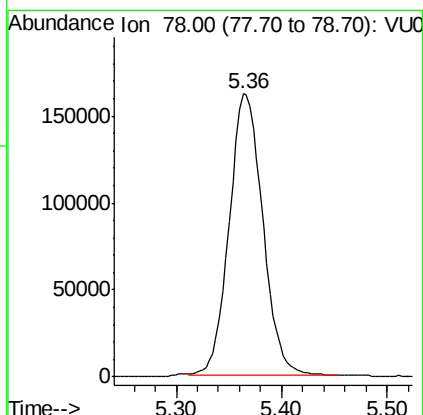
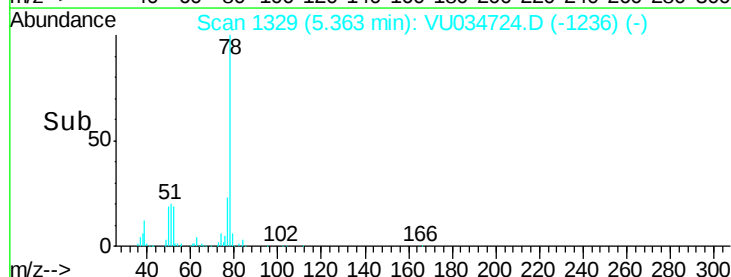
Tgt Ion: 78 Resp: 357110

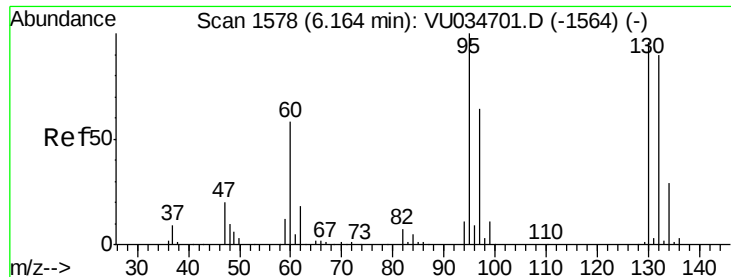


Abundance Ion 78.00 (77.70 to 78.70): VU034724.D (-1236) (-)

Ion 51.00 (50.70 to 51.70): VU034724.D (-1236) (-)

Ion 102.00 (101.70 to 102.70): VU034724.D (-1236) (-)

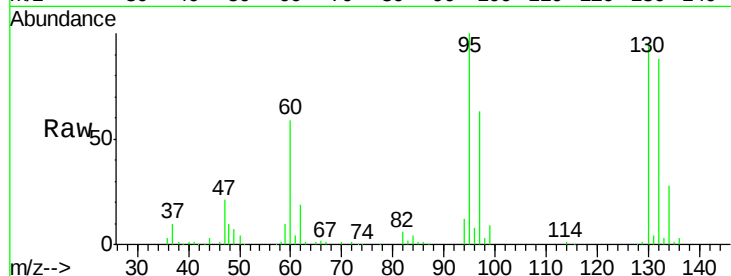




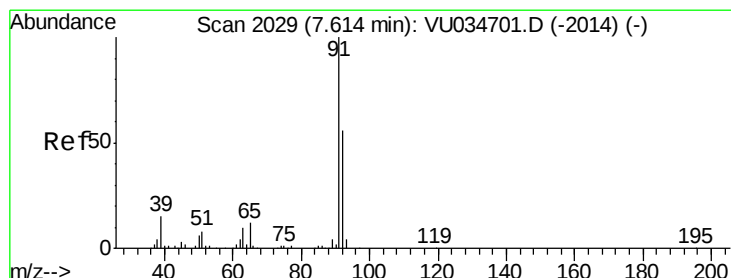
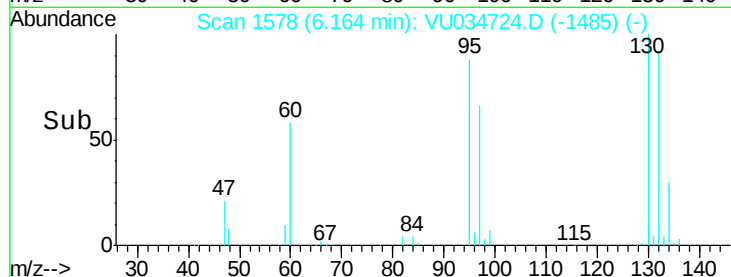
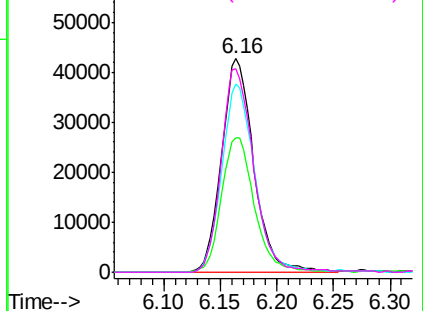
#34
 Trichloroethene
 Concen: 23.383 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU034724.D
 Acq: 21 Sep 2019 05:24

Instrument :
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Tot Ion: 95 Resp: 84890
 Ion Ratio Lower Upper
 95 100
 97 63.2 43.7 81.1
 132 88.4 61.0 113.2
 130 95.5 65.7 121.9

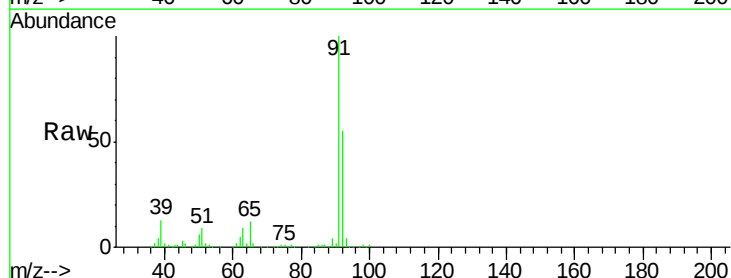


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

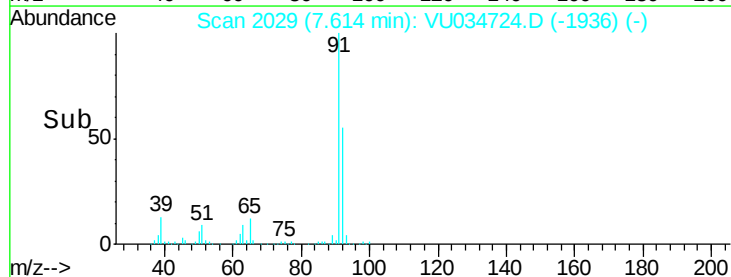
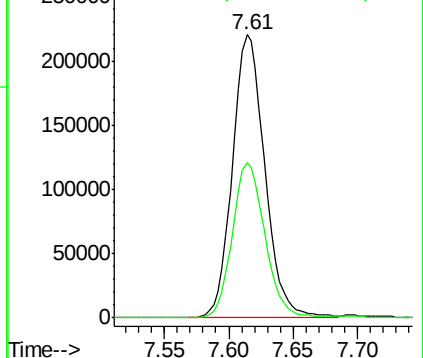


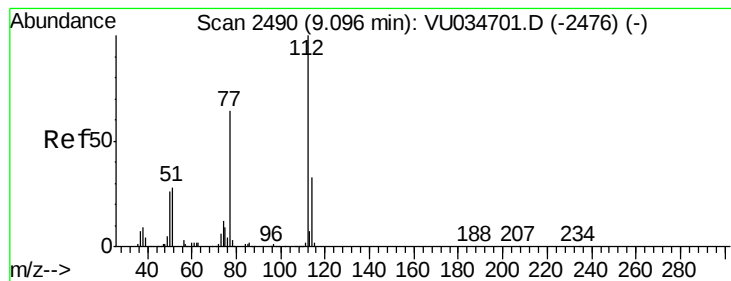
#42
 Toluene
 Concen: 24.260 ug/L
 RT: 7.61 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VU034724.D
 Acq: 21 Sep 2019 05:24

Tgt Ion: 91 Resp: 385411
 Ion Ratio Lower Upper
 91 100
 92 54.9 38.2 71.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 24.560 ug/L

RT: 9.10 min Scan# 2490

Delta R.T. 0.00 min

Lab File: VU034724.D

Acq: 21 Sep 2019 05:24

Instrument :

MSVOA_U

ClientSampleId :

ETOH7

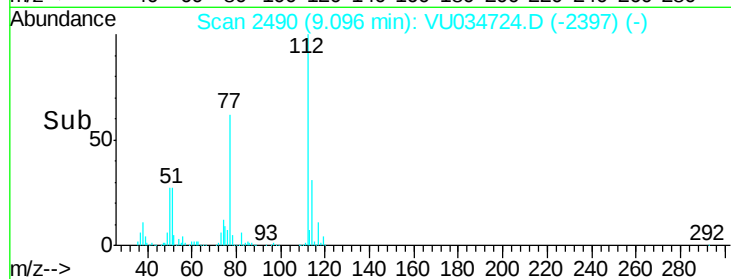
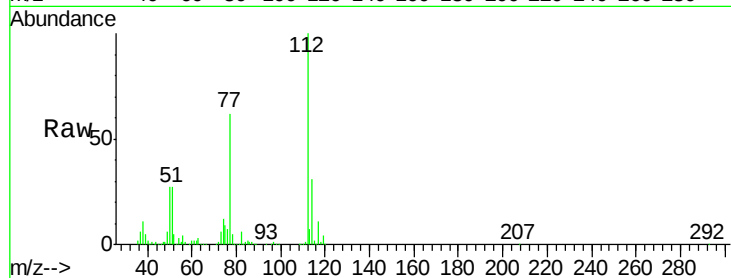
Tot Ion:112 Resp: 237190

Ion Ratio Lower Upper

112 100

114 31.1 22.8 42.4

77 62.2 51.5 77.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0

