

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050218\
 Data File : VU023589.D
 Acq On : 02 May 2018 20:05
 Operator : MD/SY
 Sample : J2627-16MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 03 07:05:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 03 05:16:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	327682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	316384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	87310	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.18%
7) Chloroethane-d5	1.67	69	71453	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.72%
11) 1,1-Dichloroethene-d2	2.27	63	183602	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.10%
21) 2-Butanone-d5	4.18	46	196687	122.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.58%
24) Chloroform-d	4.65	84	183265	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.31	65	125322	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
32) Benzene-d6	5.35	84	371749	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
36) 1,2-Dichloropropane-d6	6.34	67	131050	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.18%
41) Toluene-d8	7.57	98	332962	42.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.10%
43) trans-1,3-Dichloropropene-	7.85	79	54468	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.00%
47) 2-Hexanone-d5	8.31	63	138209	128.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.00%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186415	50.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.38%
64) 1,2-Dichlorobenzene-d4	11.87	152	137688	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%

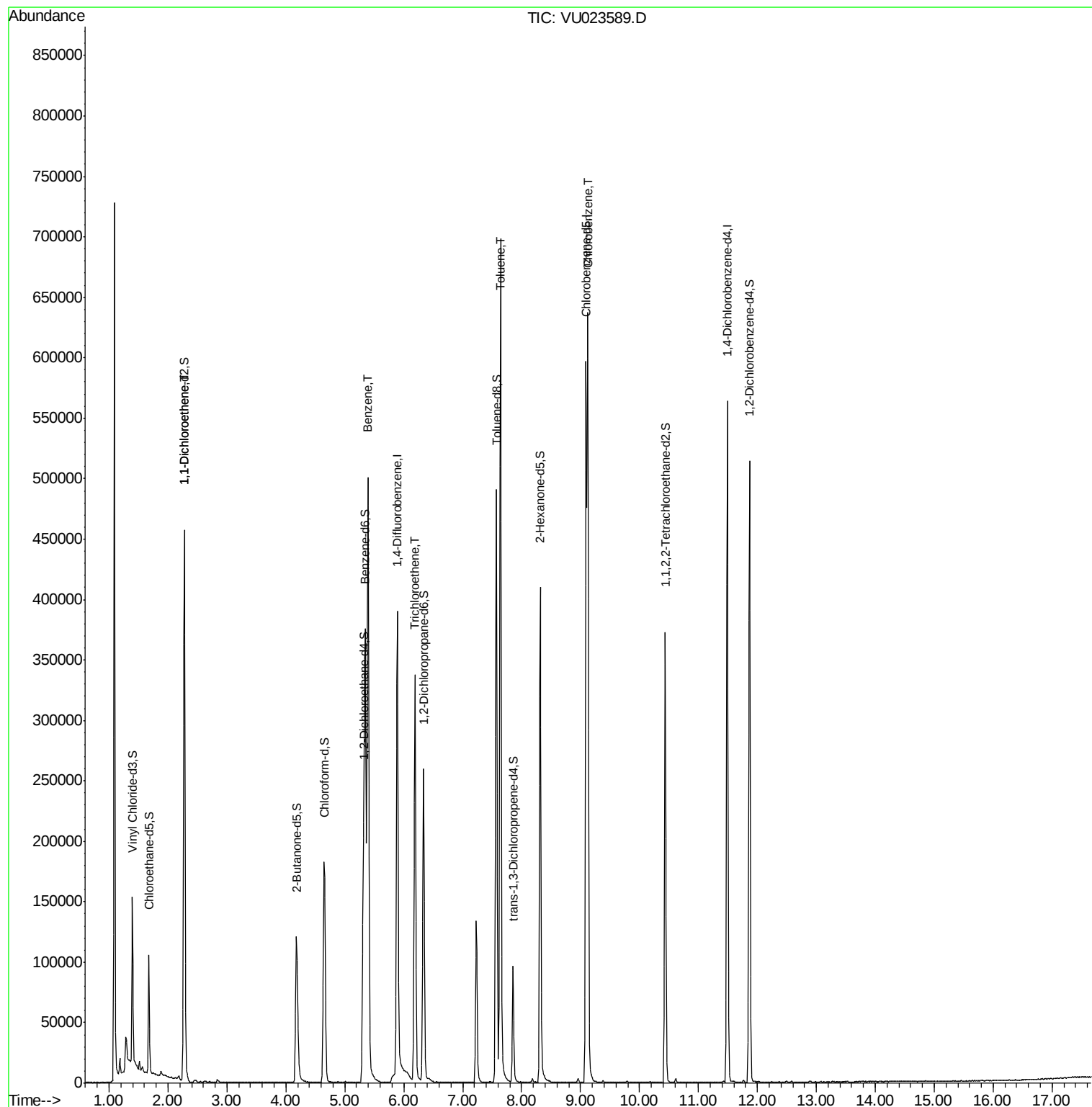
Target Compounds

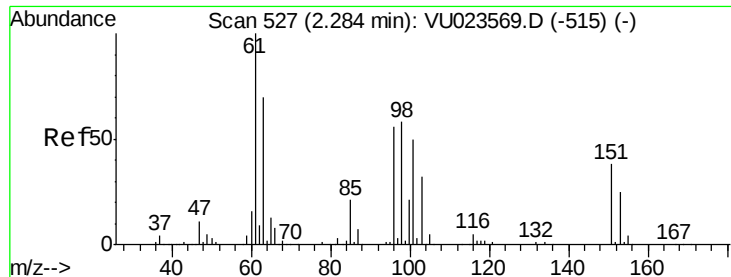
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	101879	42.60	ug/L	95
33) Benzene	5.39	78	494999	44.40	ug/L	100
34) Trichloroethene	6.19	95	120473	42.17	ug/L	98
42) Toluene	7.64	91	510720	44.20	ug/L	100
51) Chlorobenzene	9.12	112	328053	42.61	ug/L	98

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

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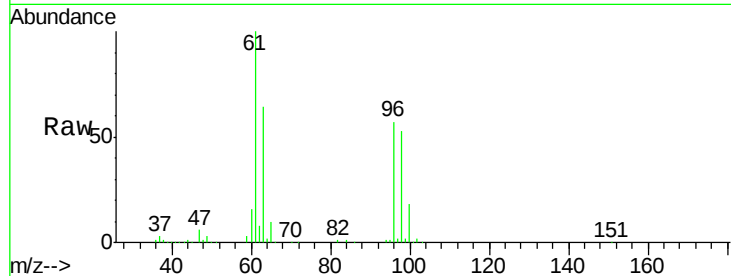
Quant Time: May 03 07:05:52 2018
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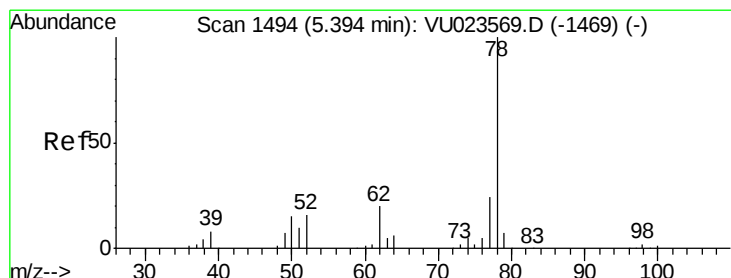
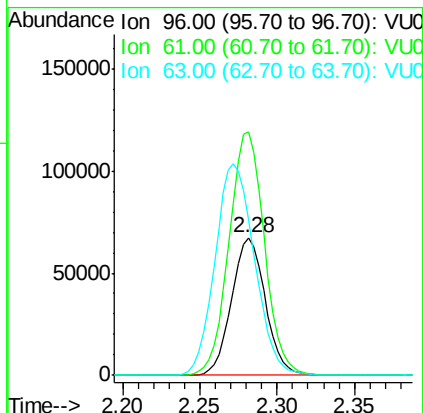
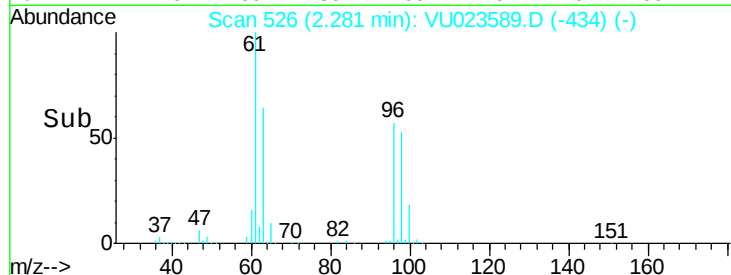


#12
 1,1-Dichloroethene
 Concen: 42.60 ug/L
 RT: 2.28 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: VU023589.D
 Acq: 02 May 2018 20:05

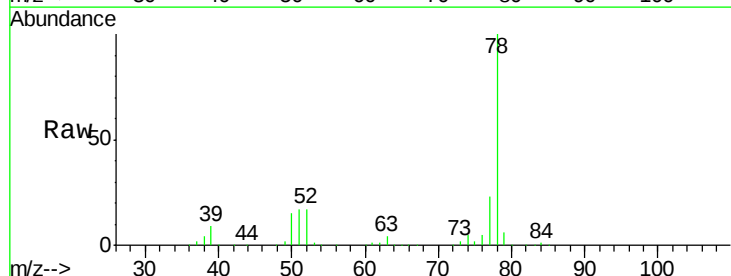
Tot Ion: 96 Resp: 101879
 Ion Ratio Lower Upper
 96 100
 61 176.4 125.9 233.7
 63 112.1 84.8 157.6



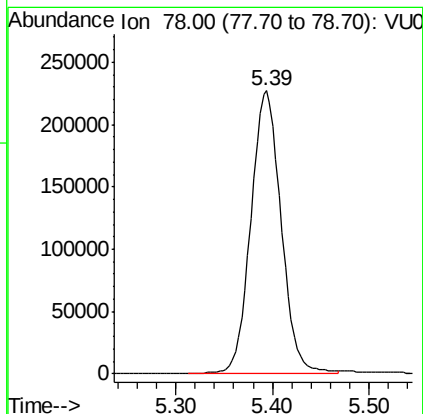
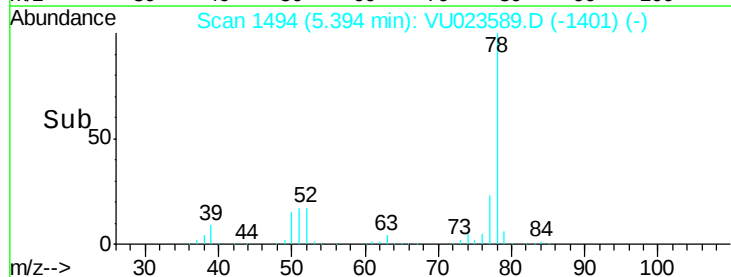
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

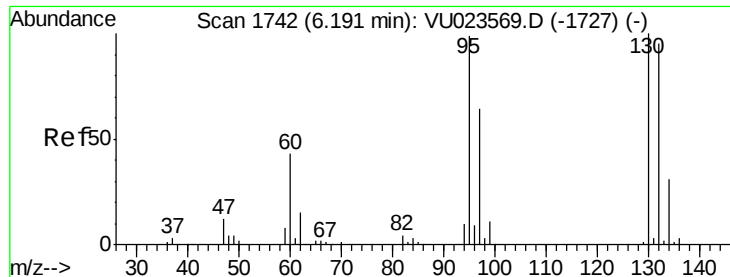


#33
 Benzene
 Concen: 44.40 ug/L
 RT: 5.39 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: VU023589.D
 Acq: 02 May 2018 20:05
 Tgt Ion: 78 Resp: 494999



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 42.17 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023589.D

Acq: 02 May 2018 20:05

Tot Ion: 95 Resp: 120473

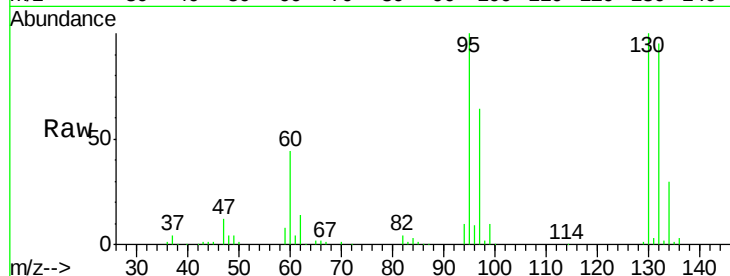
Ion Ratio Lower Upper

95 100

97 63.8 46.3 85.9

132 95.8 68.5 127.1

130 100.4 70.8 131.4

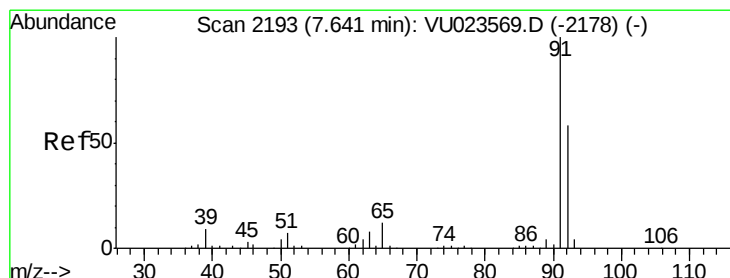
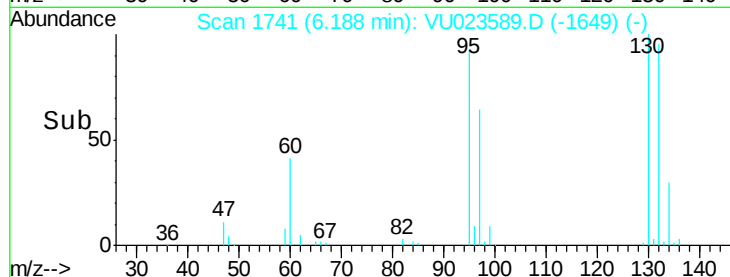
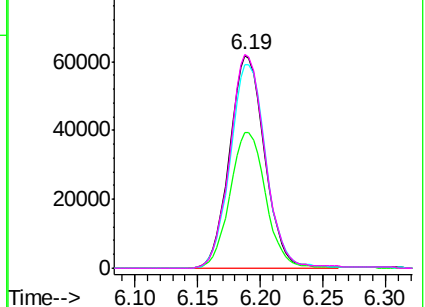


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 44.20 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU023589.D

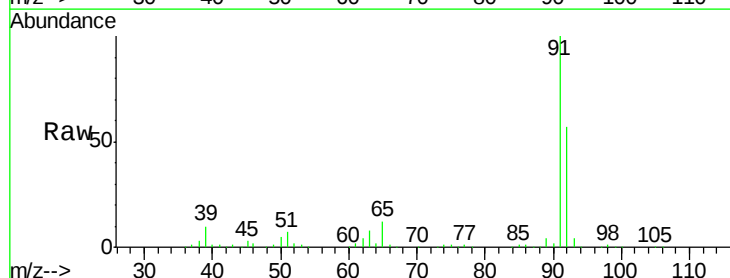
Acq: 02 May 2018 20:05

Tgt Ion: 91 Resp: 510720

Ion Ratio Lower Upper

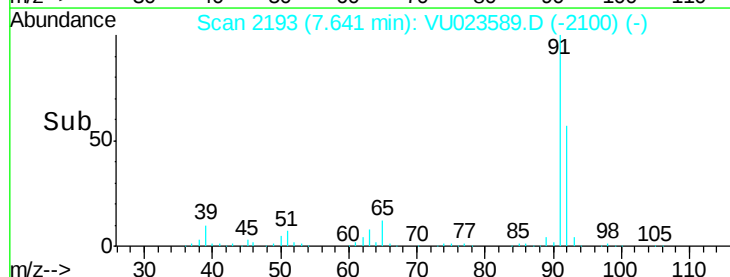
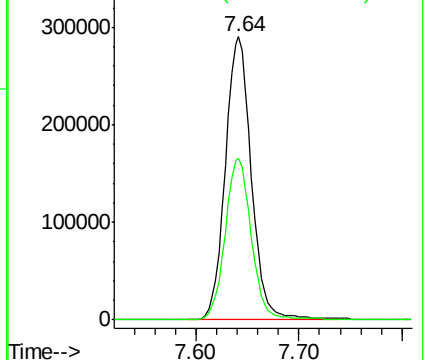
91 100

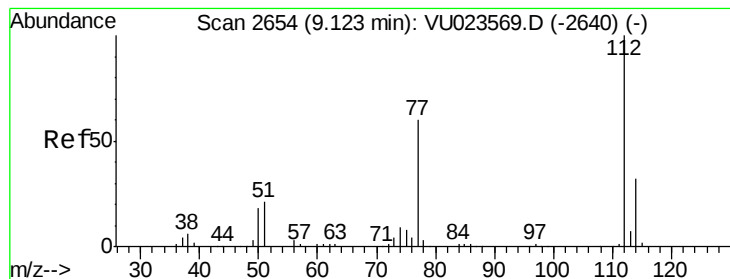
92 57.3 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 42.61 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023589.D

Acq: 02 May 2018 20:05

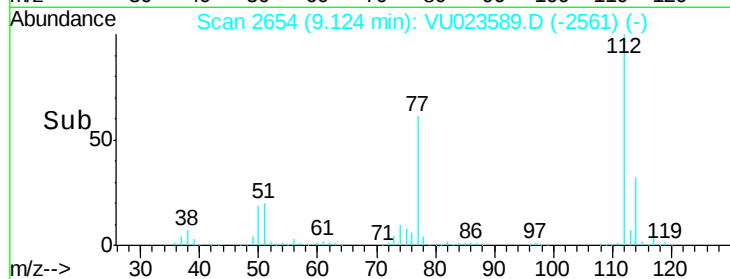
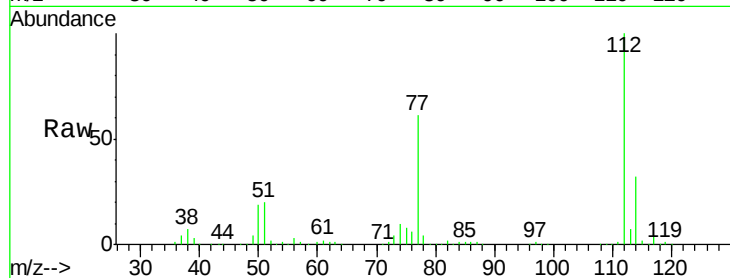
Tot Ion:112 Resp: 328053

Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.3

77 60.9 47.5 71.3



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

