

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\
 Data File : VV010659.D
 Acq On : 03 May 2019 14:53
 Operator : SY/MD
 Sample : K2603-02MS
 Misc : 5.09G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ55

Quant Time: May 04 00:33:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 23:50:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	38481	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	35215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	11824	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.00%#
10) 1,1-Dichloroethene-d2	2.14	63	4278	5.01	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	20.04%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.00%#
26) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.00%#
29) Benzene-d6	0.00	84	0d	0.00	ug/L	
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.00%#
33) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.00%#
37) Toluene-d8	0.00	98	0d	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 130	Recovery	=	0.00%#
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.00%#
61) 1,2-Dichlorobenzene-d4	11.68	152	565	1.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	4.96%#

Target Compounds

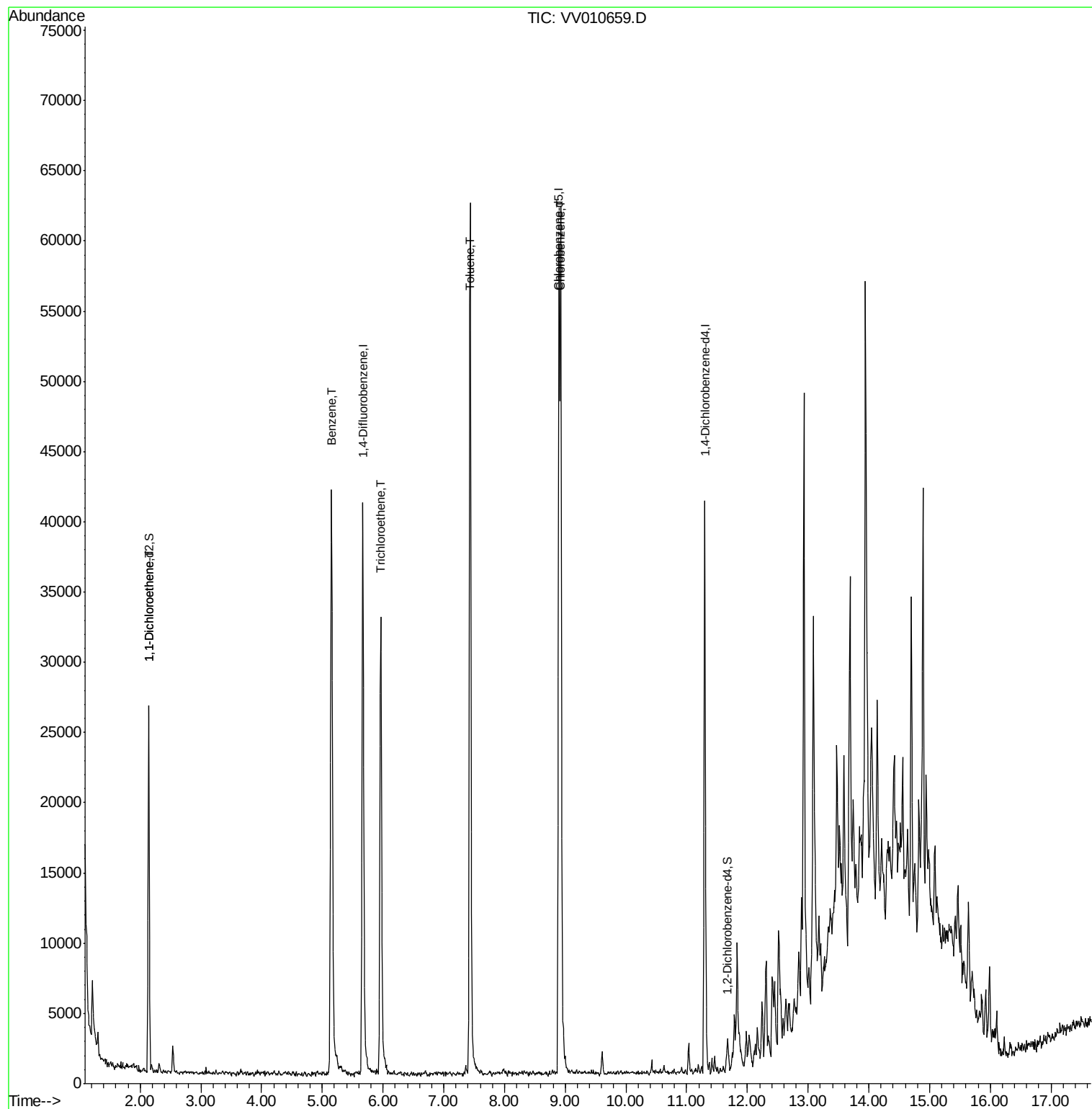
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	8363	22.621	ug/L	# 63
34) Benzene	5.15	78	44989	26.725	ug/L	100
35) Trichloroethene	5.96	95	12725	26.501	ug/L	97
44) Toluene	7.43	91	50390	27.122	ug/L	99
52) Chlorobenzene	8.93	112	33311	25.690	ug/L	96

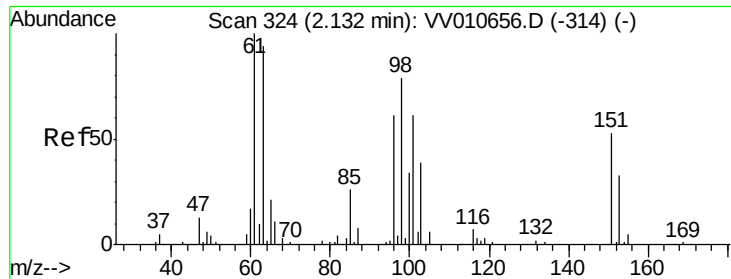
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 03 23:50:43 2019
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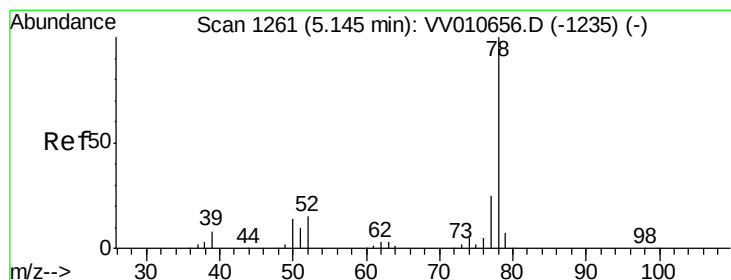
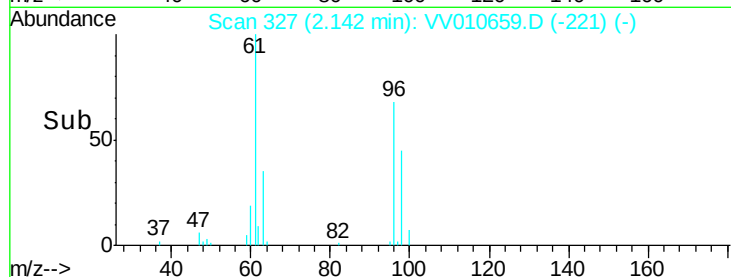
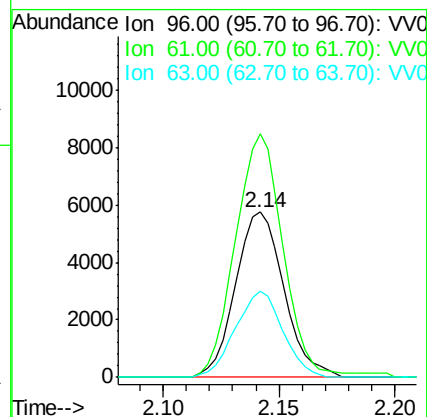
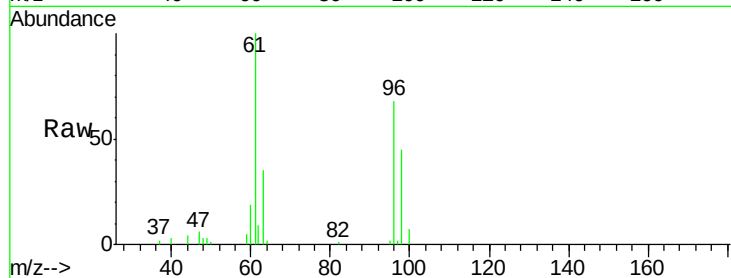




#12
 1,1-Dichloroethene
 Concen: 22.621 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VV010659.D
 Acq: 03 May 2019 14:53

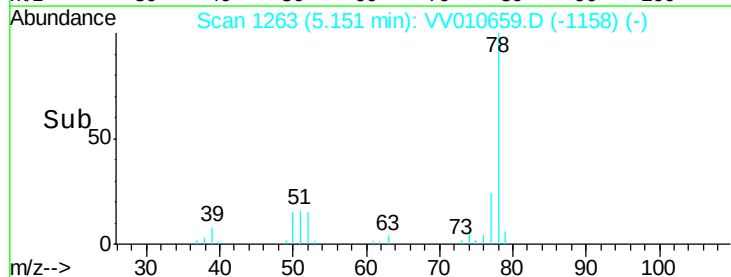
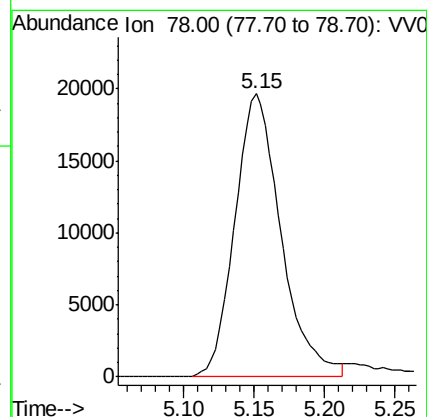
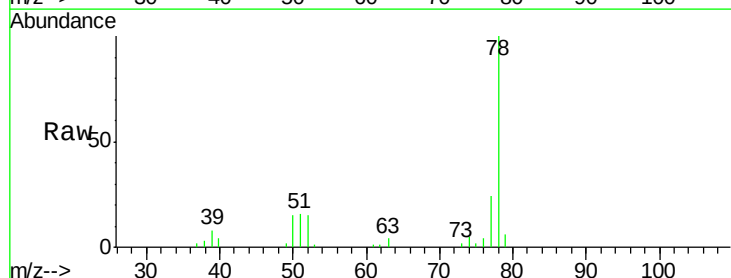
Instrument :
 MSVOA_V
 ClientSampled :
 GAJ55

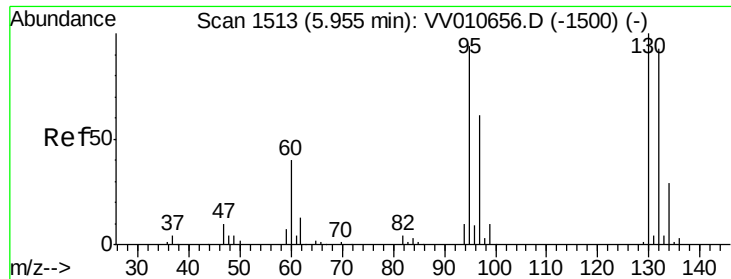
Tot Ion: 96 Resp: 8363
 Ion Ratio Lower Upper
 96 100
 61 147.2 111.1 206.3
 63 52.2 95.2 176.8#



#34
 Benzene
 Concen: 26.725 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: VV010659.D
 Acq: 03 May 2019 14:53

Tgt Ion: 78 Resp: 44989

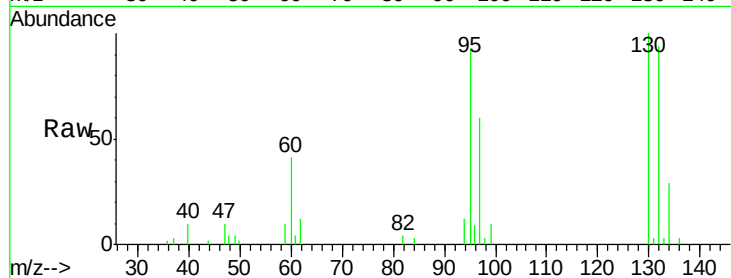




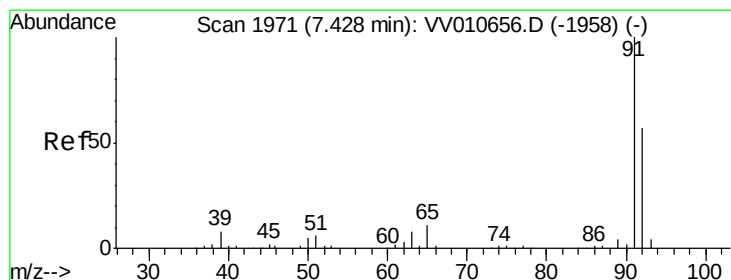
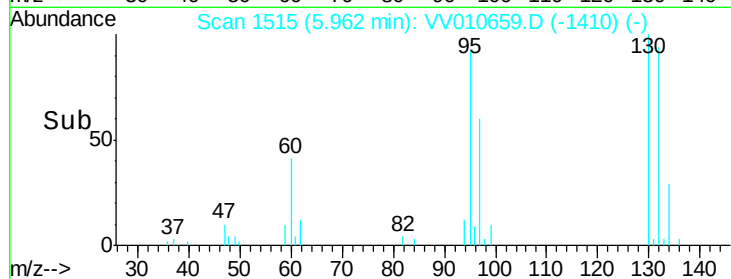
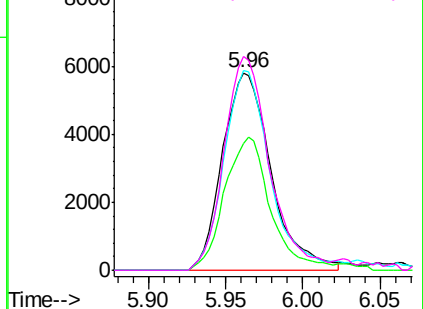
#35
 Trichloroethene
 Concen: 26.501 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: VV010659.D
 Acq: 03 May 2019 14:53

Instrument :
 MSVOA_V
 ClientSampleID :
 GAJ55

Tot Ion: 95 Resp: 12725
 Ion Ratio Lower Upper
 95 100
 97 63.3 45.0 83.6
 132 94.6 69.9 129.9
 130 100.5 71.3 132.3

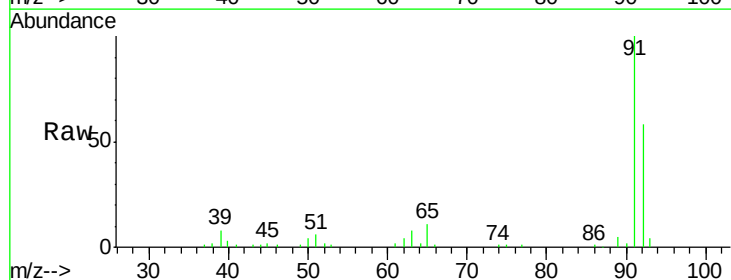


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

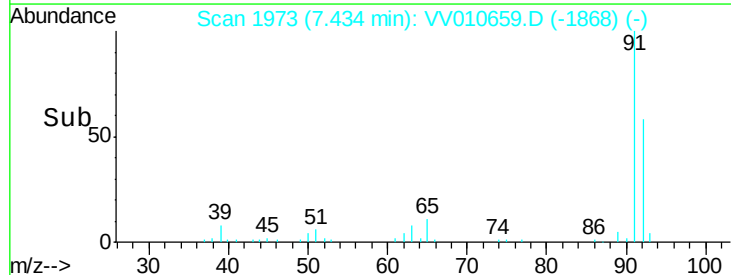
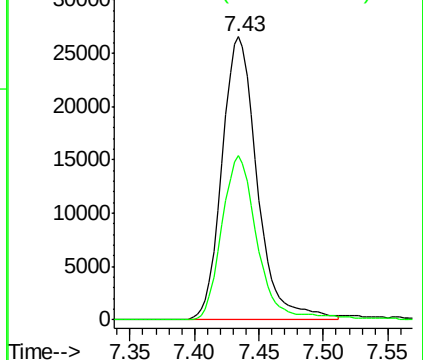


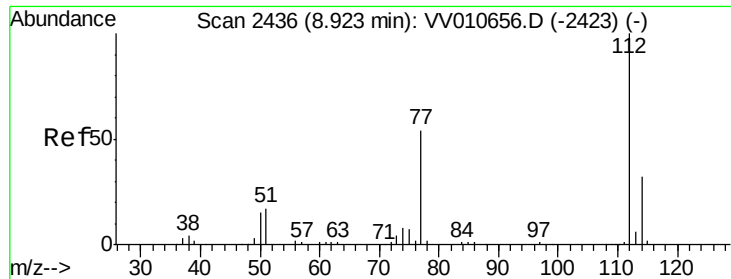
#44
 Toluene
 Concen: 27.122 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV010659.D
 Acq: 03 May 2019 14:53

Tgt Ion: 91 Resp: 50390
 Ion Ratio Lower Upper
 91 100
 92 58.0 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#52

Chlorobenzene

Concen: 25.690 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010659.D

Acq: 03 May 2019 14:53

Instrument :

MSVOA_V

ClientSampleId :

GAJ55

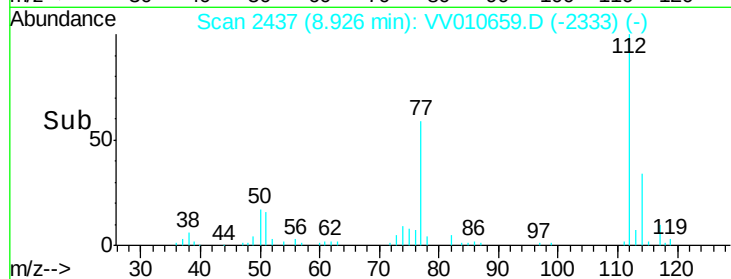
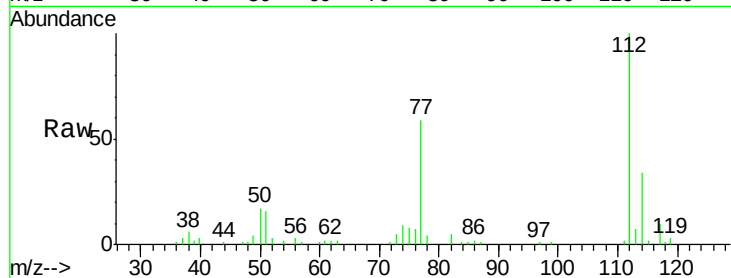
Tot Ion:112 Resp: 33311

Ion Ratio Lower Upper

112 100

77 58.8 44.5 66.7

114 34.3 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V

