

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032219\
 Data File : VV009824.D
 Acq On : 22 Mar 2019 13:53
 Operator : SY/MD
 Sample : K2049-02MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 P002-TW001-01MS

Quant Time: Mar 23 04:23:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 23 03:53:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	111593	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46706	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54971	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.59	69	66610	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.14	63	144279	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	3.97	46	74755	47.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.78%
24) Chloroform-d	4.41	84	61678	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.09	65	32954	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	128519	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	38958	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	114674	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.66	79	11719	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.14	63	57580	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26811	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	40685	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

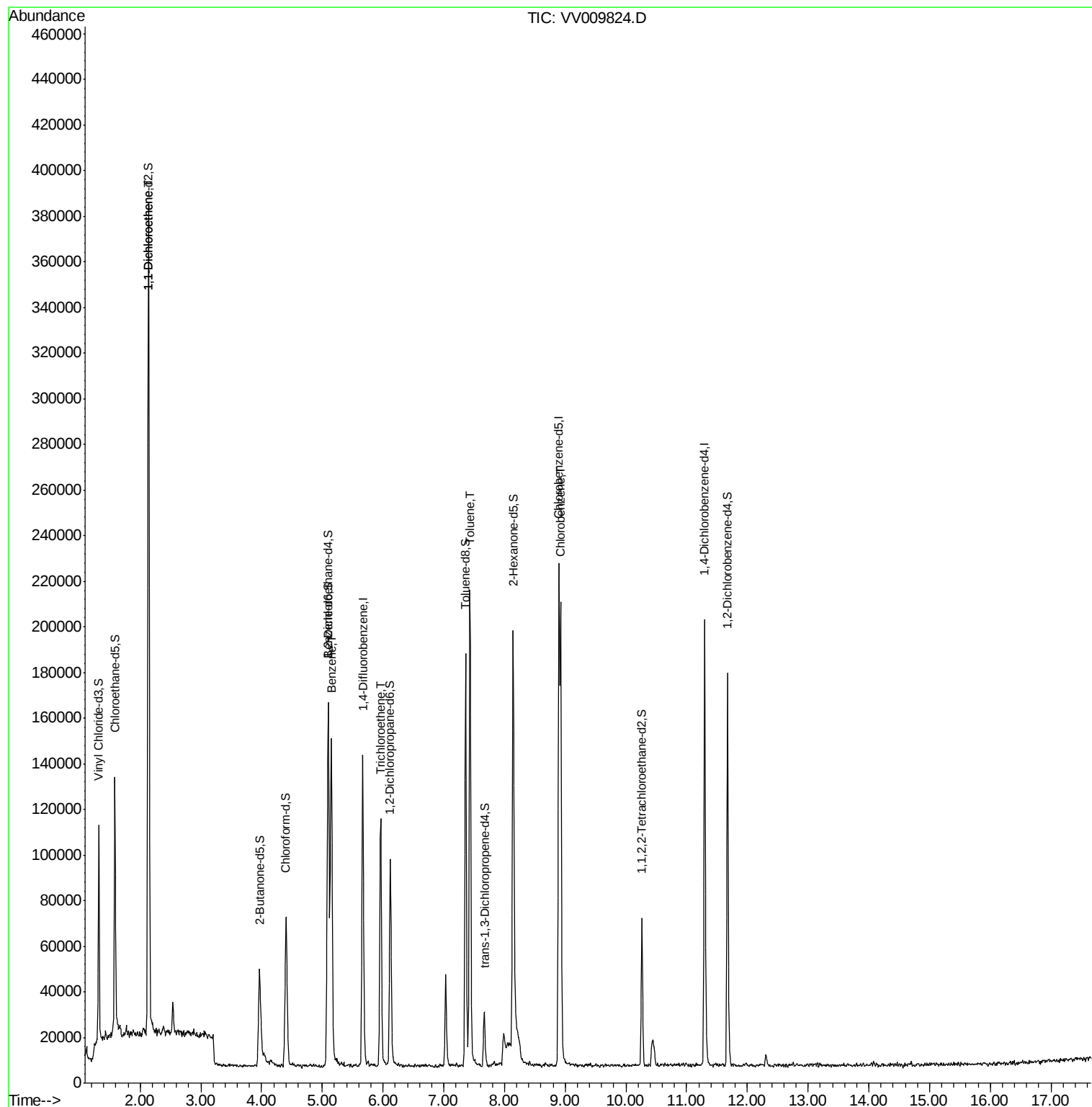
					Ovalue
12) 1,1-Dichloroethene	2.14	96	65698	4.415 ug/L	92
33) Benzene	5.15	78	138171	4.507 ug/L	100
34) Trichloroethene	5.96	95	33964	4.380 ug/L	94
42) Toluene	7.43	91	147128	4.241 ug/L	97
51) Chlorobenzene	8.93	112	97637	4.396 ug/L	99

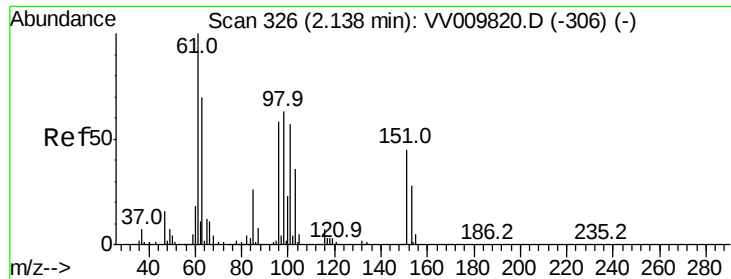
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.415 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

P002-TW001-01MS

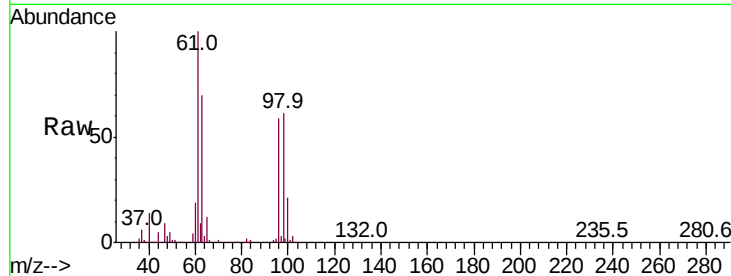
Tot Ion: 96 Resp: 65698

Ion Ratio Lower Upper

96 100

61 169.7 127.1 236.0

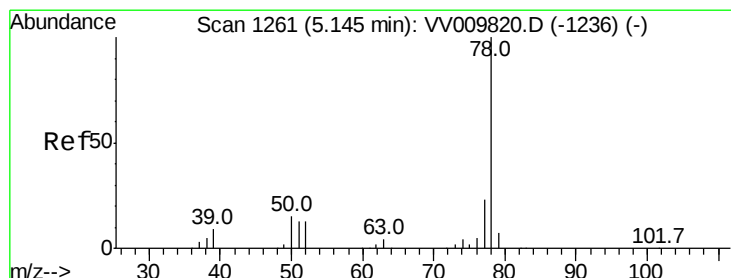
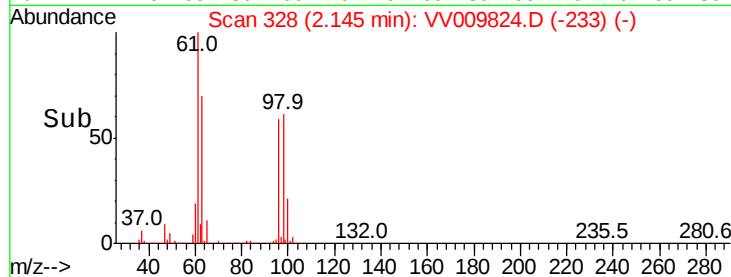
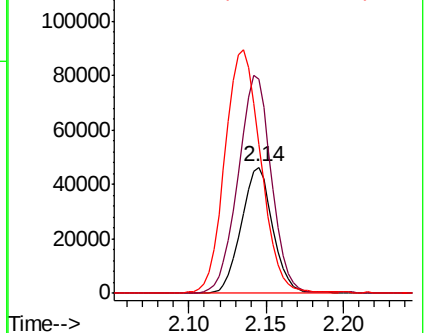
63 118.1 88.8 164.8



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#33

Benzene

Concen: 4.507 ug/L

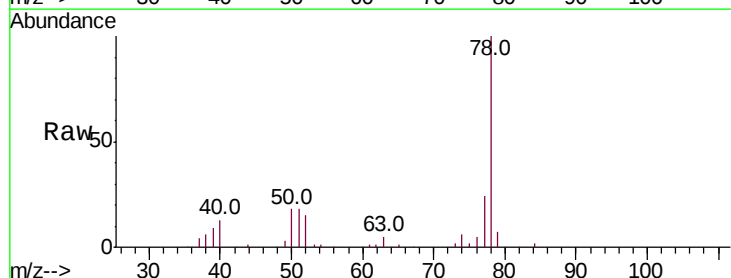
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

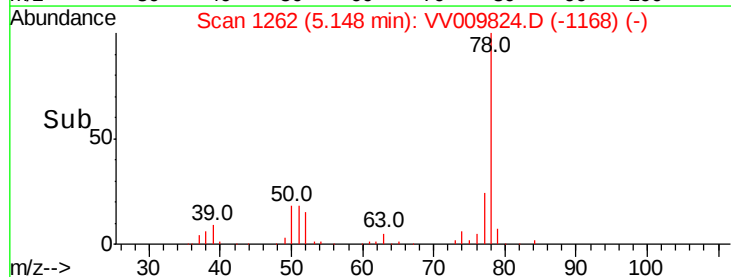
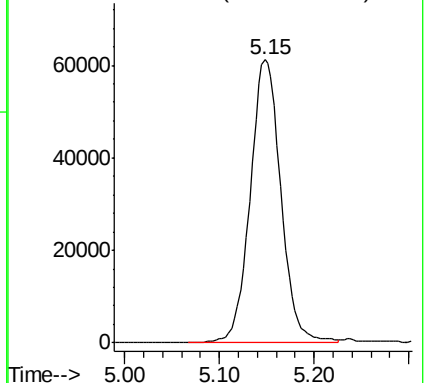
Lab File: VV009824.D

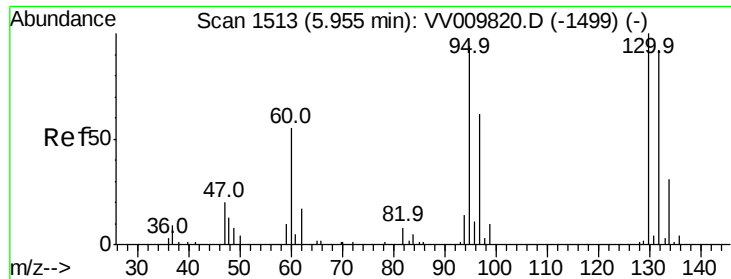
Acq: 22 Mar 2019 13:53

Tgt Ion: 78 Resp: 138171



Abundance Ion 78.10 (77.80 to 78.80): VV0

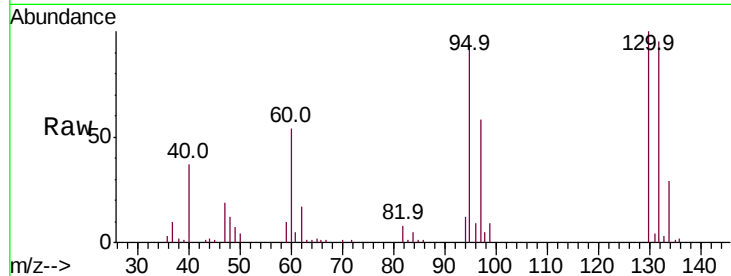




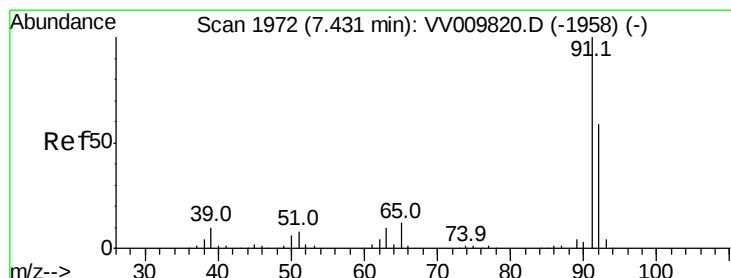
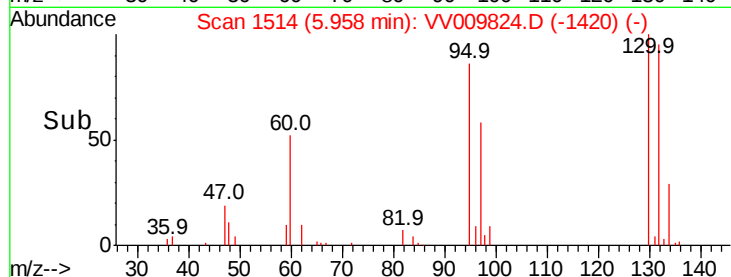
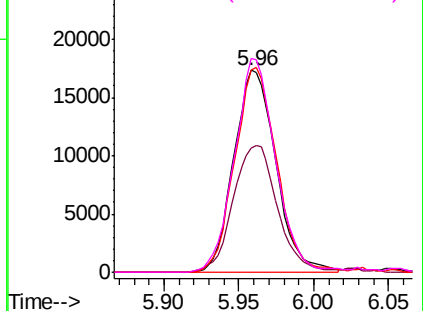
#34
 Trichloroethene
 Concen: 4.380 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV009824.D
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Instrument :
 MSVOA_V
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 P002-TW001-01MS

Tot Ion: 95 Resp: 33964
 Ion Ratio Lower Upper
 95 100
 97 61.5 44.4 82.5
 132 100.1 66.4 123.4
 130 105.9 68.1 126.5

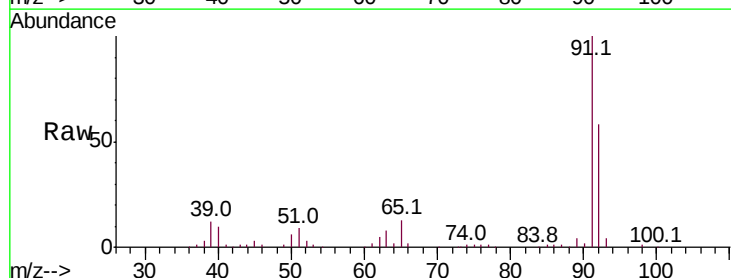


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

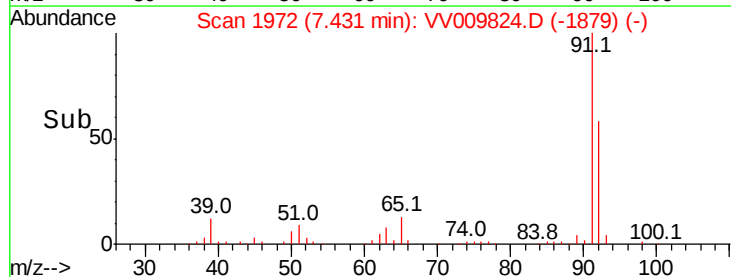
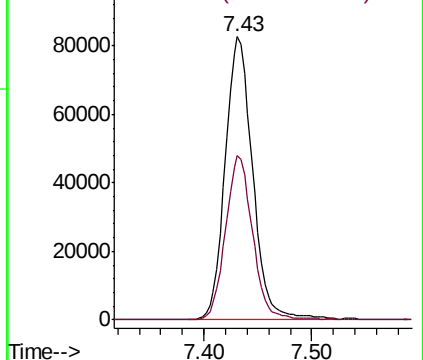


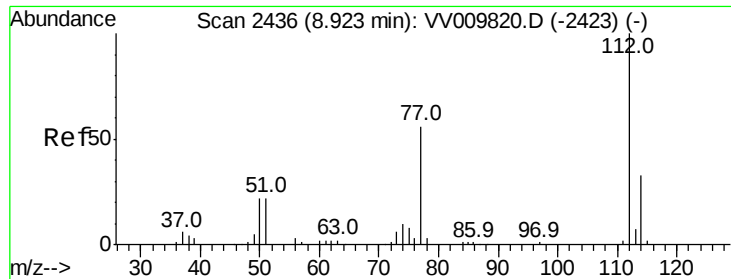
#42
 Toluene
 Concen: 4.241 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV009824.D
 Acq: 22 Mar 2019 13:53

Tgt Ion: 91 Resp: 147128
 Ion Ratio Lower Upper
 91 100
 92 58.0 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 4.396 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV009824.D

Acq: 22 Mar 2019 13:53

Instrument :
MSVOA_V
ClientSampleId :
P002-TW001-01MS

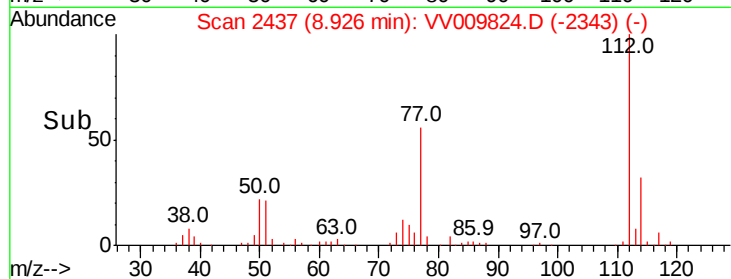
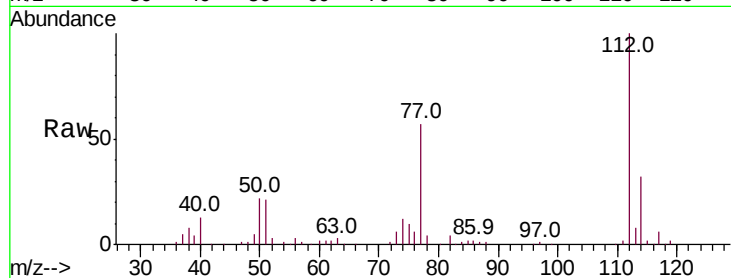
Tot Ion:112 Resp: 97637

Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.4

77 56.6 45.0 67.4



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0

