

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032219\
 Data File : VV009841.D
 Acq On : 22 Mar 2019 21:08
 Operator : SY/MD
 Sample : K2052-02MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 P001-TW001-03MS

Quant Time: Mar 23 05:50:26 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	100615	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100966	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44576	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49656	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.59	69	50653	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	130310	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.97	46	65585	46.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.20%
24) Chloroform-d	4.40	84	55997	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	28236	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.10	84	114523	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	35458	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	100911	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.67	79	9927	3.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.00%
46) 2-Hexanone-d5	8.14	63	53801	43.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26255	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36739	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

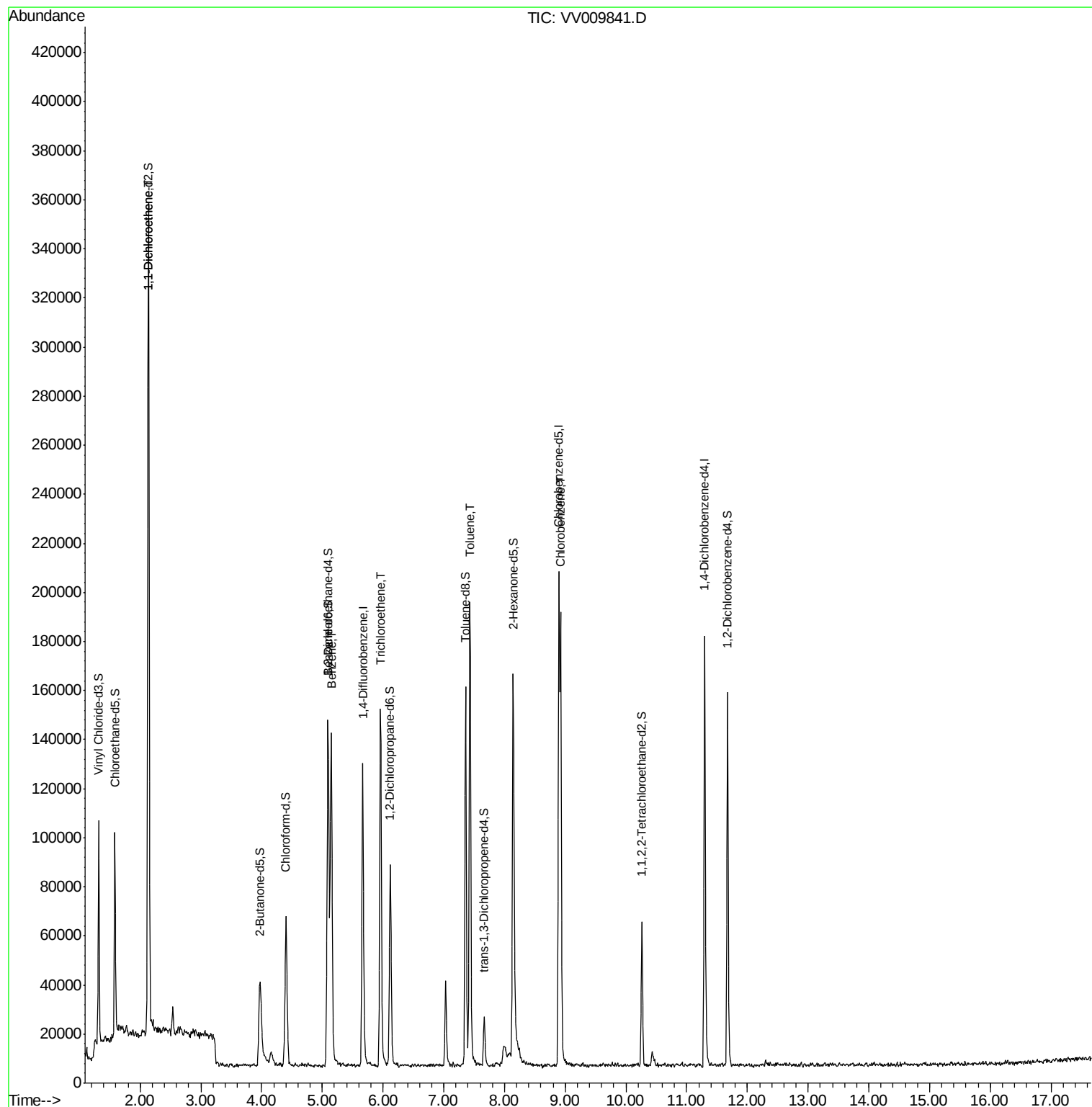
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	60516	4.510 ug/L	95
33) Benzene	5.15	78	126681	4.467 ug/L	100
34) Trichloroethene	5.96	95	44530	6.208 ug/L	96
42) Toluene	7.43	91	133021	4.145 ug/L	98
51) Chlorobenzene	8.92	112	90343	4.398 ug/L	98

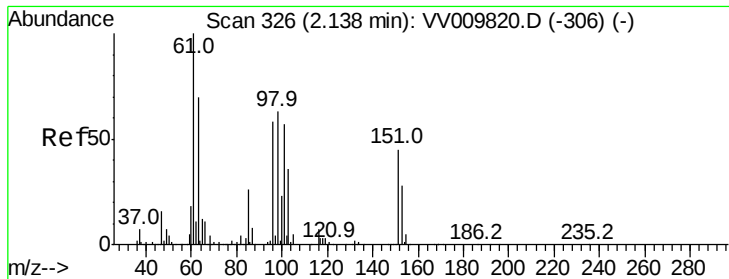
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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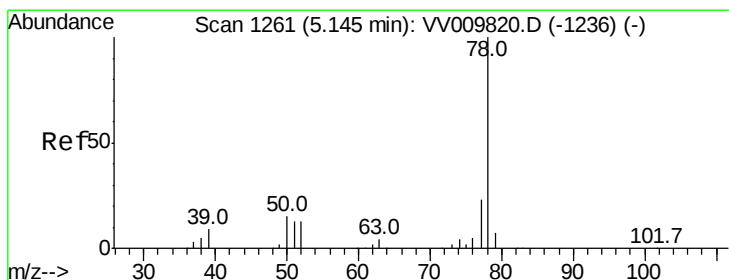
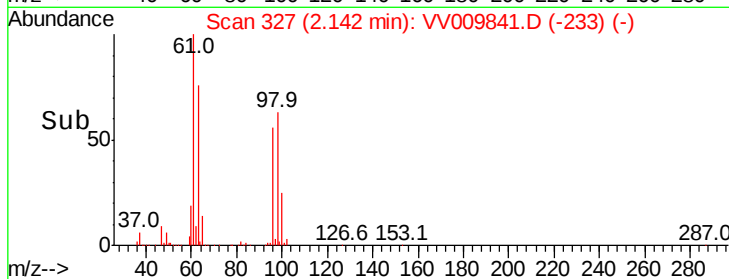
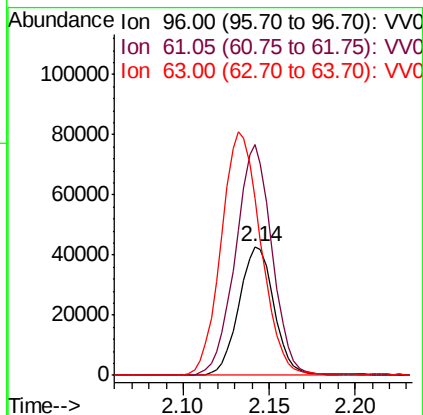
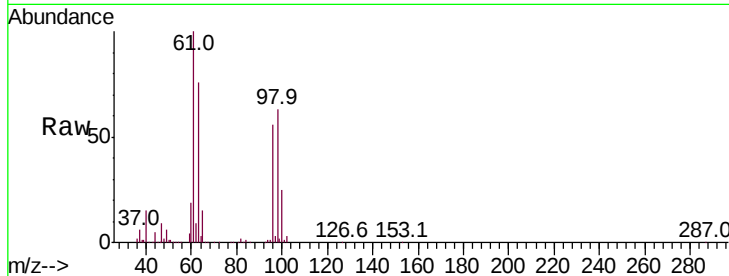




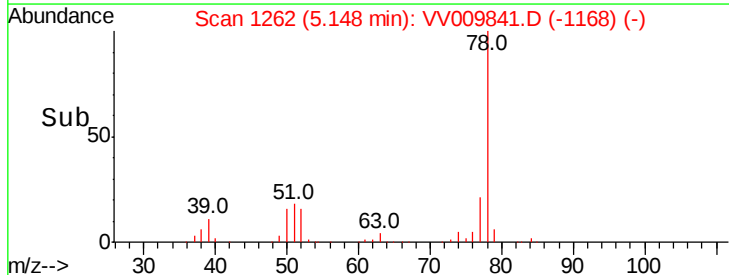
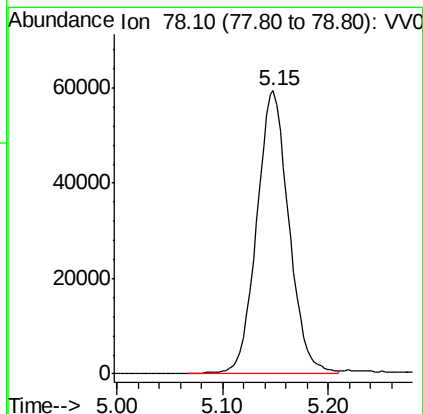
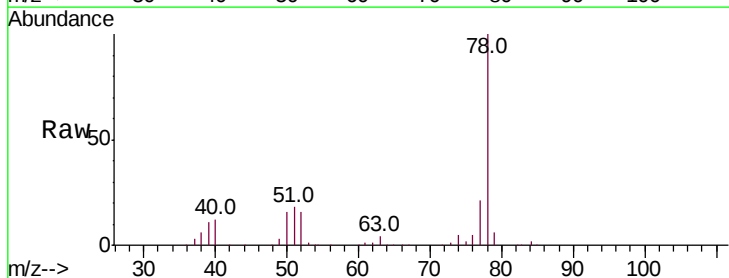
#12
 1,1-Dichloroethene
 Concen: 4.510 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV009841.D
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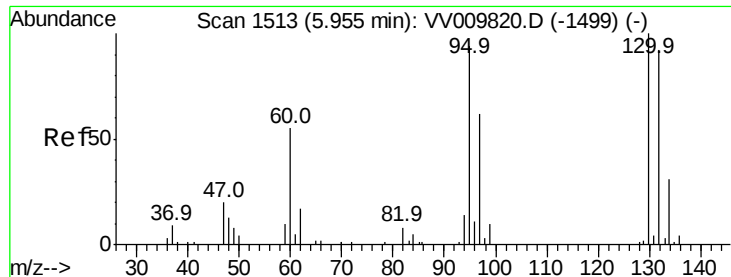
Instrument :
 MSVOA_V
 ClientSampleId :
 P001-TW001-03MS

Tot Ion: 96 Resp: 60516
 Ion Ratio Lower Upper
 96 100
 61 179.6 127.1 236.0
 63 137.2 88.8 164.8



#33
 Benzene
 Concen: 4.467 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VV009841.D
 Acq: 22 Mar 2019 21:08
 Tgt Ion: 78 Resp: 126681

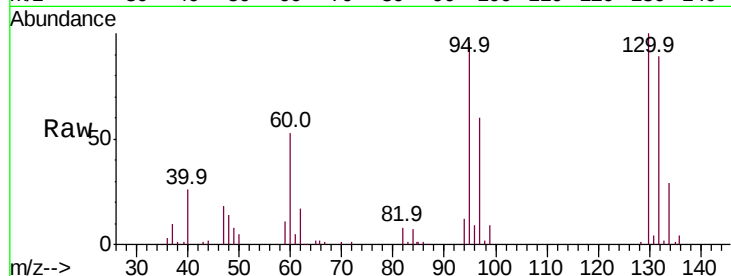




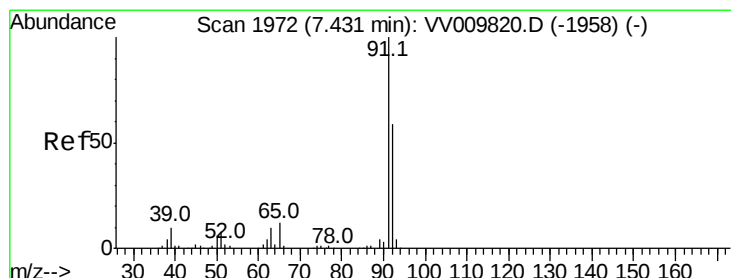
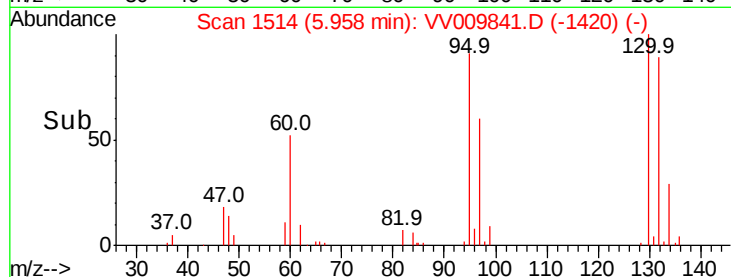
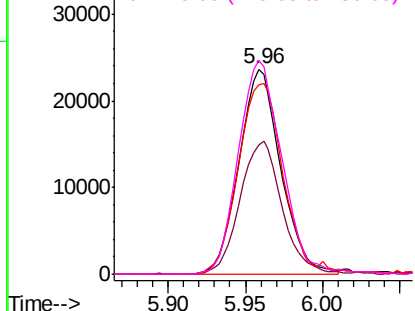
#34
Trichloroethene
Concen: 6.208 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009841.D
Acq: 22 Mar 2019 21:08

Instrument :
MSVOA_V
ClientSampleId :
P001-TW001-03MS

Tot Ion: 95 Resp: 44530
Ion Ratio Lower Upper
95 100
97 62.8 44.4 82.5
132 92.7 66.4 123.4
130 104.3 68.1 126.5

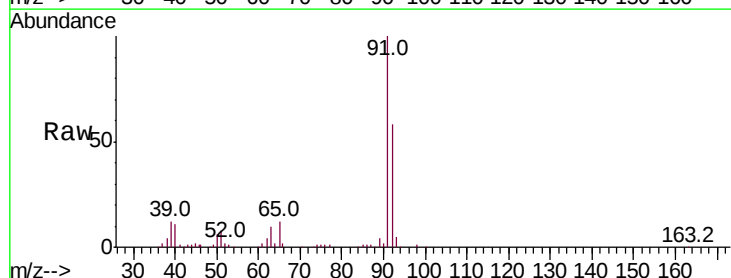


Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0

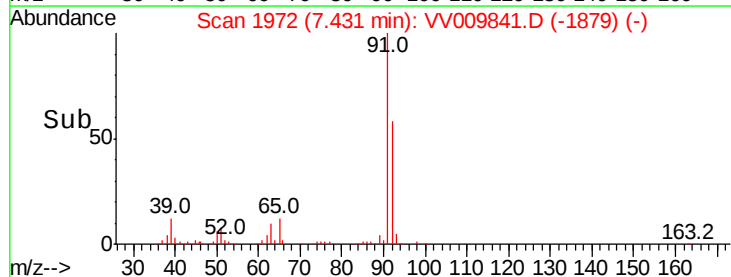
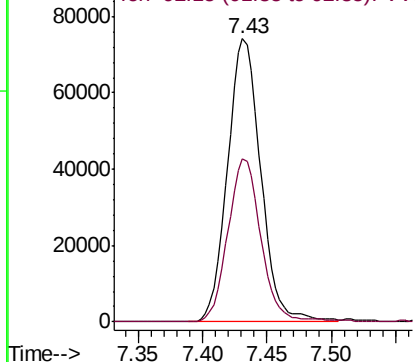


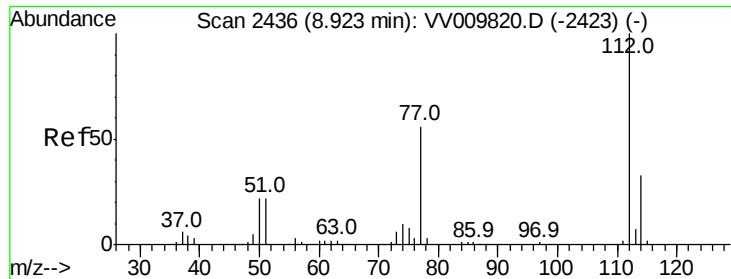
#42
Toluene
Concen: 4.145 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV009841.D
Acq: 22 Mar 2019 21:08

Tgt Ion: 91 Resp: 133021
Ion Ratio Lower Upper
91 100
92 57.5 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: 4.398 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV009841.D

Acq: 22 Mar 2019 21:08

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ClientSampleId :
P001-TW001-03MS

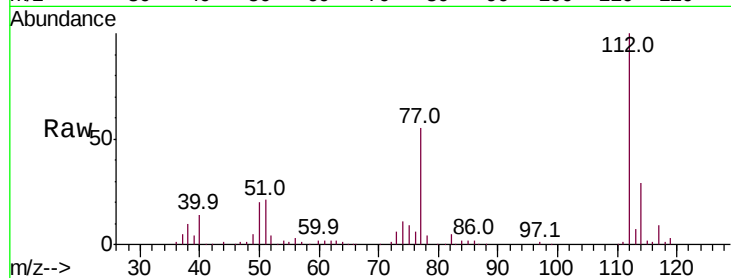
Tot Ion:112 Resp: 90343

Ion Ratio Lower Upper

112 100

114 29.3 21.8 40.4

77 55.4 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

