

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013624.D
 Acq On : 14 Nov 2019 16:28
 Operator : SY/MD
 Sample : K5855-08MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQF6MSD

Quant Time: Nov 15 12:02:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 03:01:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	316371	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	331974	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	138598	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118714	5.84	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.80%
7) Chloroethane-d5	1.58	69	103472	6.39	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.80%
11) 1,1-Dichloroethene-d2	2.13	63	213870	6.15	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.00%
20) 2-Butanone-d5	3.92	46	235261	64.64	ug/L	-0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.28%
24) Chloroform-d	4.39	84	235712	6.76	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.20%#
26) 1,2-Dichloroethane-d4	5.08	65	117572	6.91	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	138.20%#
32) Benzene-d6	5.09	84	446085	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.11	67	144349	5.26	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.35	98	367444	4.53	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.66	79	49185	4.82	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.13	63	184189	45.23	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.46%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	91951	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	146985	6.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.20%#

Target Compounds

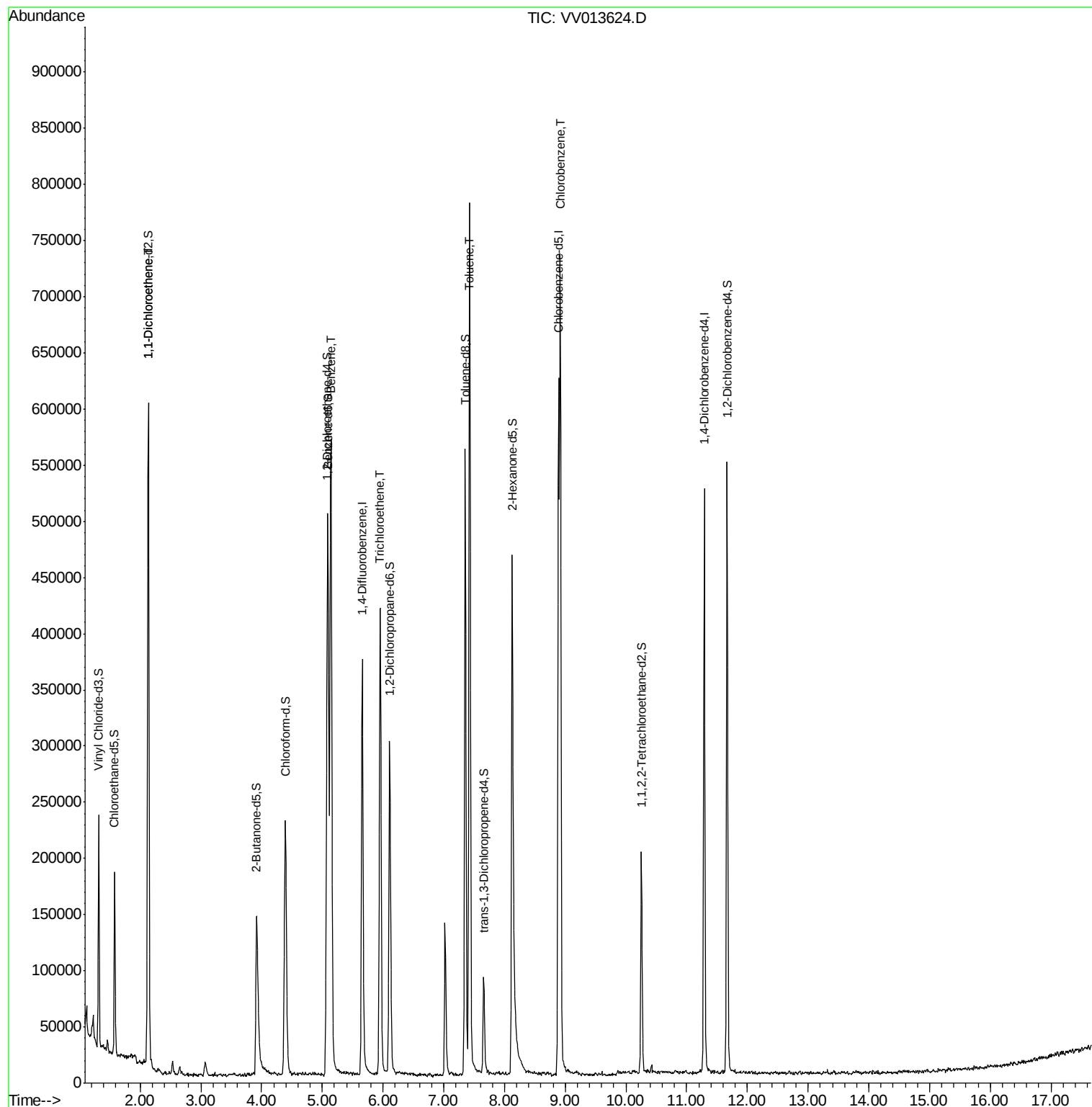
					Ovalue
12) 1,1-Dichloroethene	2.14	96	121539	6.609 ug/L	92
33) Benzene	5.14	78	560834	5.782 ug/L	100
34) Trichloroethene	5.95	95	145880	5.359 ug/L	94
42) Toluene	7.42	91	564198	5.356 ug/L	100
51) Chlorobenzene	8.92	112	391047	5.665 ug/L	99

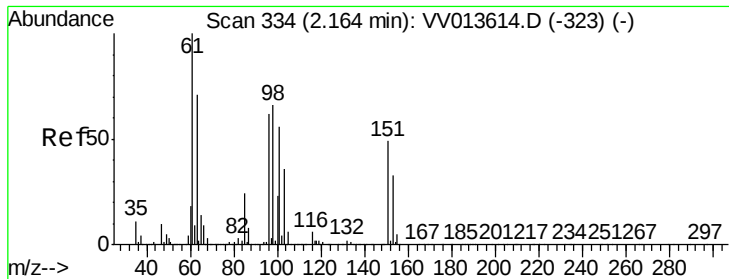
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 03:01:32 2019
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#12

1,1-Dichloroethene

Concen: 6.609 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.03 min

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Acq: 14 Nov 2019 16:28

Instrument :

MSVOA_V

ClientSampleId :

GAQF6MSD

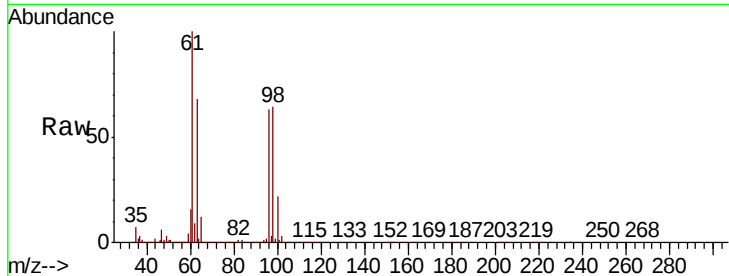
Tot Ion: 96 Resp: 121539

Ion Ratio Lower Upper

96 100

61 159.8 115.6 214.6

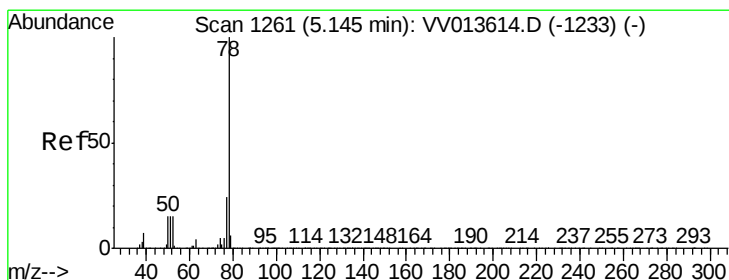
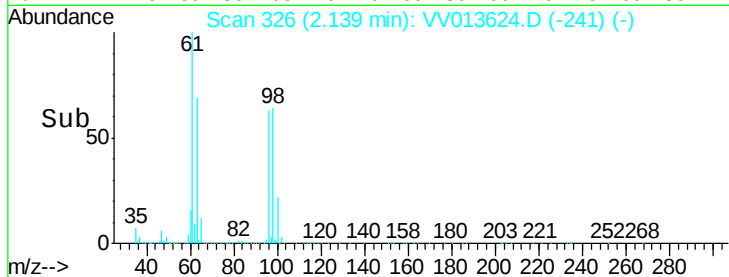
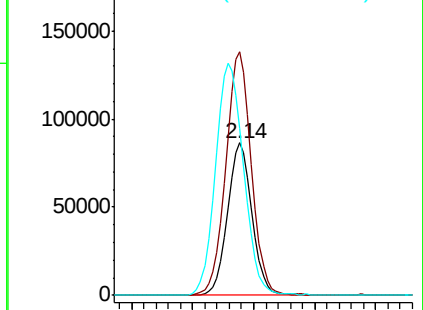
63 109.4 87.2 162.0



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: 5.782 ug/L

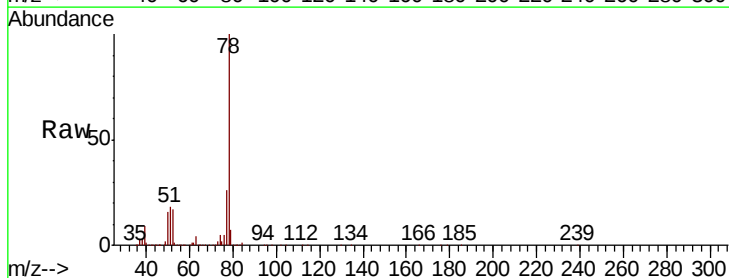
RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

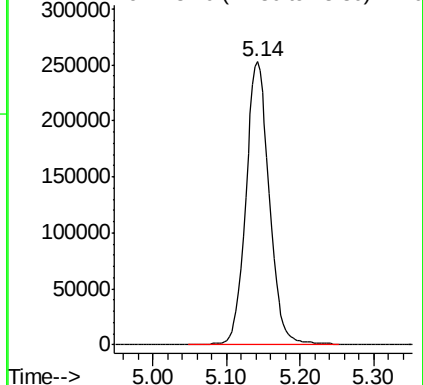
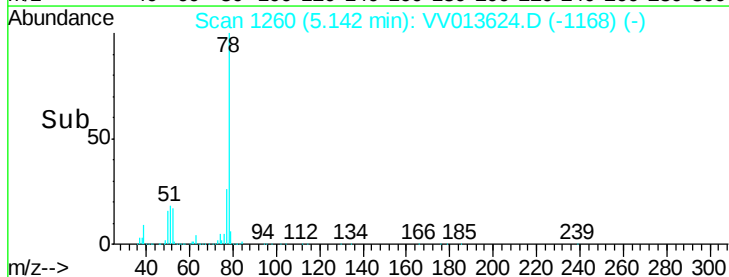
Lab File: VV013624.D

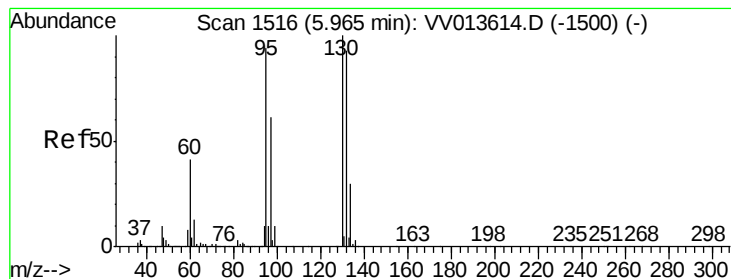
Acq: 14 Nov 2019 16:28

Tgt Ion: 78 Resp: 560834



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.359 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VV013624.D

Acq: 14 Nov 2019 16:28

Instrument :

MSVOA_V

ClientSampleId :

GAQF6MSD

Tot Ion: 95 Resp: 145880

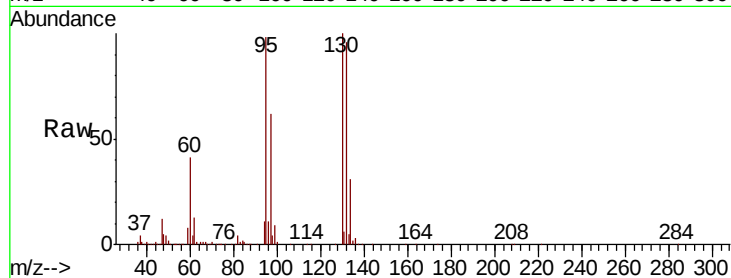
Ion Ratio Lower Upper

95 100

97 63.3 47.0 87.4

132 97.1 72.2 134.0

130 101.6 75.7 140.7

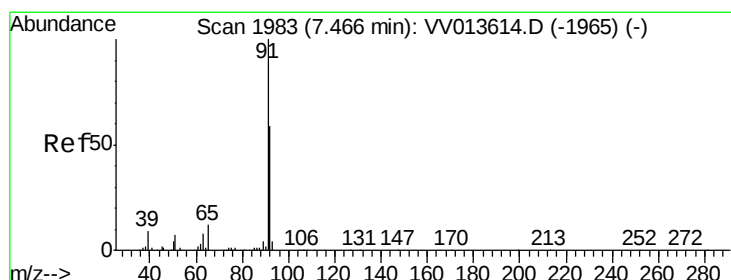
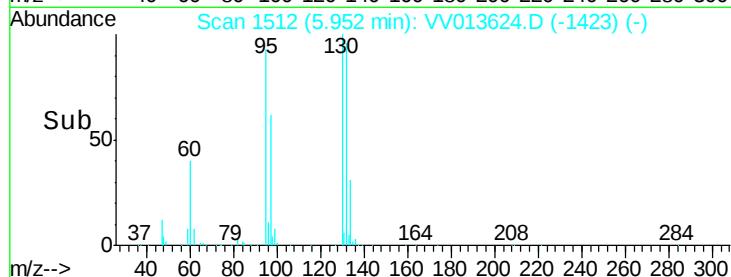
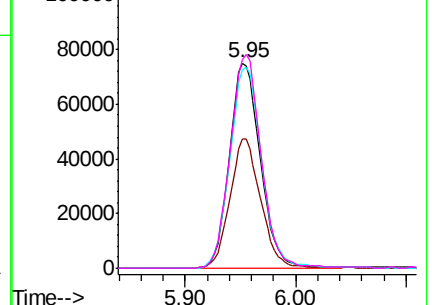


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 5.356 ug/L

RT: 7.42 min Scan# 1970

Delta R.T. -0.04 min

Lab File: VV013624.D

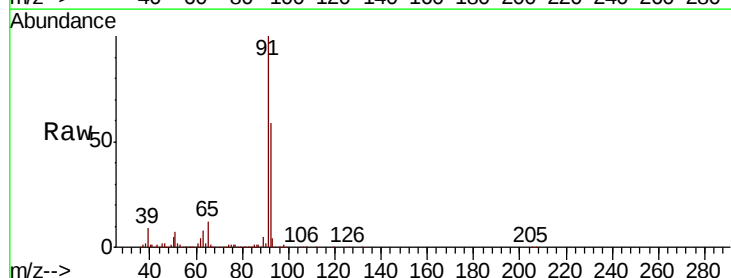
Acq: 14 Nov 2019 16:28

Tgt Ion: 91 Resp: 564198

Ion Ratio Lower Upper

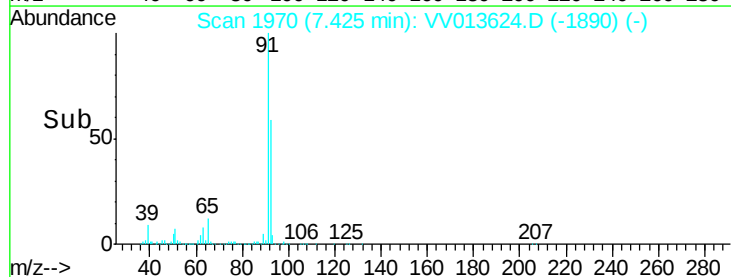
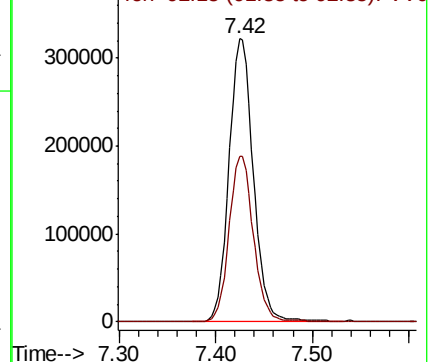
91 100

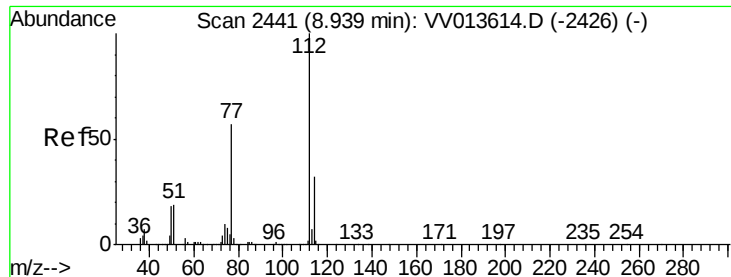
92 58.5 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#51

Chlorobenzene

Concen: 5.665 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.02 min

Lab File: VV013624.D

Acq: 14 Nov 2019 16:28

Instrument :

MSVOA_V

ClientSampleId :

GAQF6MSD

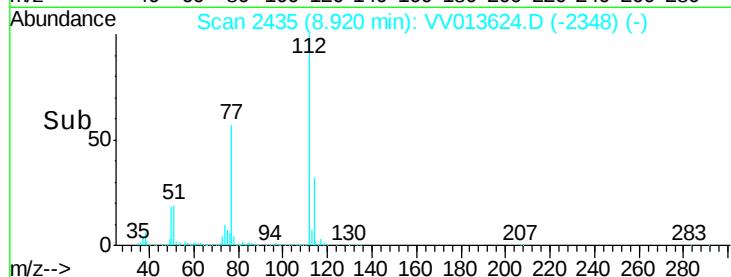
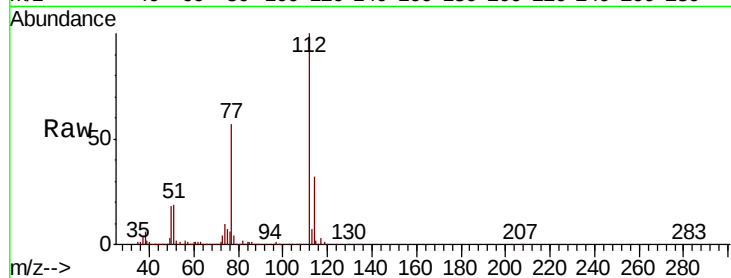
Tot Ion:112 Resp: 391047

Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 56.6 46.0 69.0



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

