

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007280.D
 Acq On : 30 Aug 2018 23:55
 Operator : SY/MD
 Sample : J4650-08MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAB83MSD

Quant Time: Aug 31 02:58:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	292689	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	294437	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118750	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	95651	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	197896	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	3.96	46	268734	53.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.60%
24) Chloroform-d	4.41	84	213363	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.09	65	106815	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	415943	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	137793	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	322388	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.67	79	46008	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	167151	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103912	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	114079	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

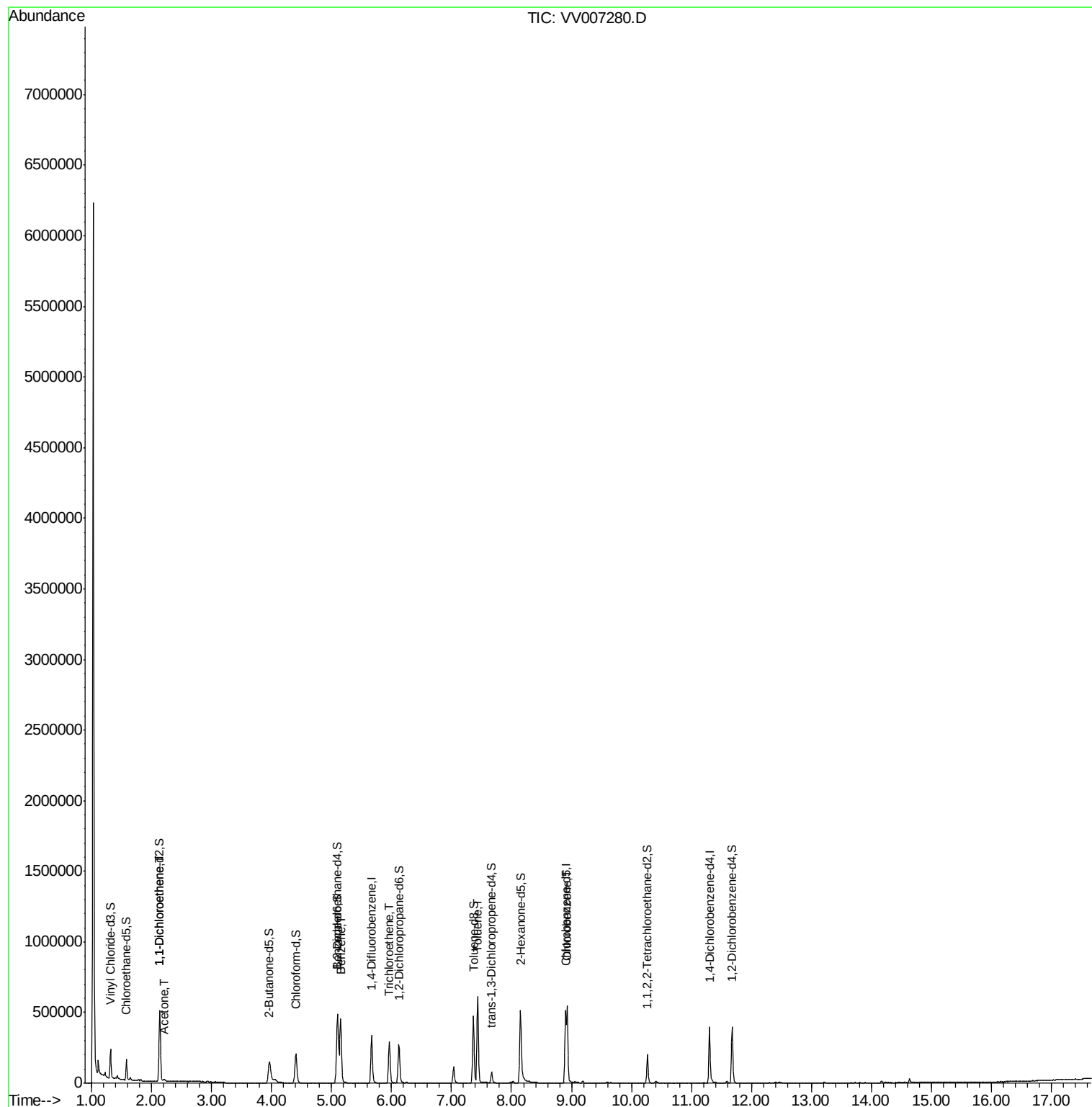
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.14	96	97711	4.84	ug/L	99
13) Acetone	2.21	43	14405	5.23	ug/L	92
33) Benzene	5.15	78	463267	4.86	ug/L	100
34) Trichloroethene	5.96	95	105646	4.51	ug/L	98
42) Toluene	7.44	91	446781	4.69	ug/L	100
51) Chlorobenzene	8.93	112	291668	4.69	ug/L	98

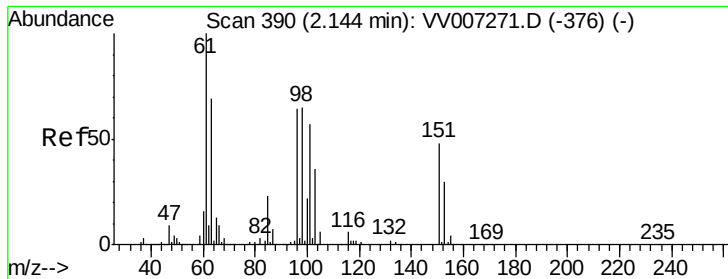
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 02:32:21 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.84 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

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Acq: 30 Aug 2018 23:55

Instrument :

MSVOA_V

ClientSampleId :

GAB83MSD

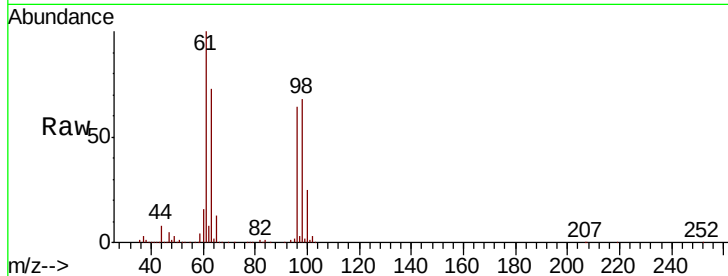
Tot Ion: 96 Resp: 97711

Ion Ratio Lower Upper

96 100

61 156.1 108.8 202.0

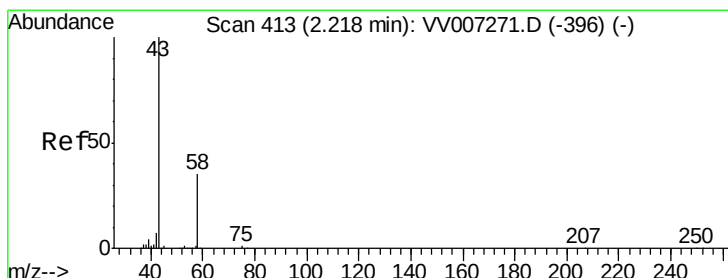
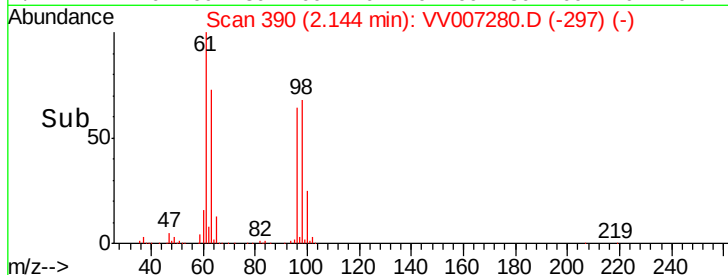
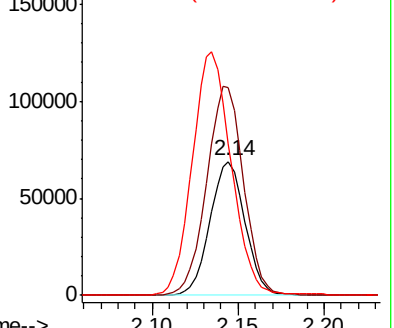
63 113.3 78.0 144.9



Abundance Ion 96.00 (95.70 to 96.70): VV007271.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VV007271.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VV007271.D (-376) (-)



#13

Acetone

Concen: 5.23 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007280.D

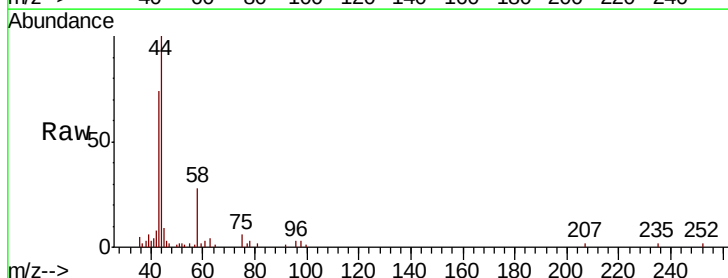
Acq: 30 Aug 2018 23:55

Tgt Ion: 43 Resp: 14405

Ion Ratio Lower Upper

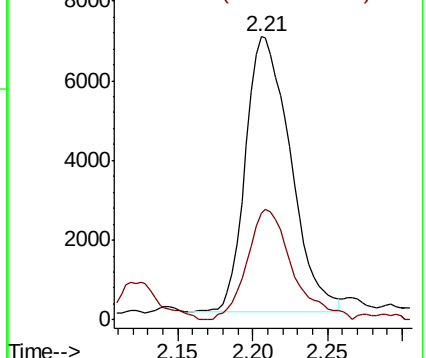
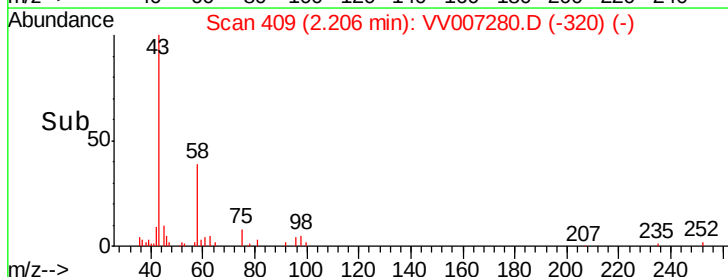
43 100

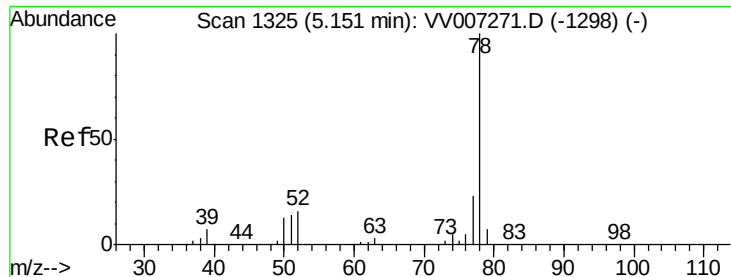
58 40.6 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV007271.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007271.D (-396) (-)





#33

Benzene

Concen: 4.86 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VV007280.D

Acq: 30 Aug 2018 23:55

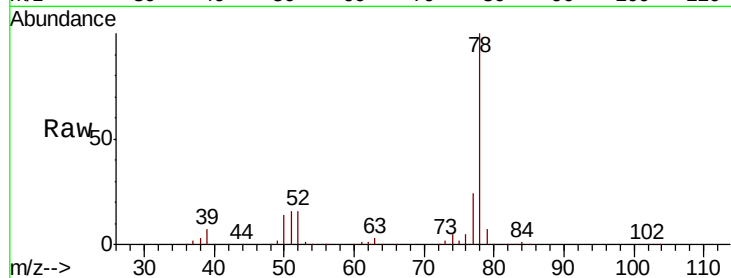
Instrument :

MSVOA_V

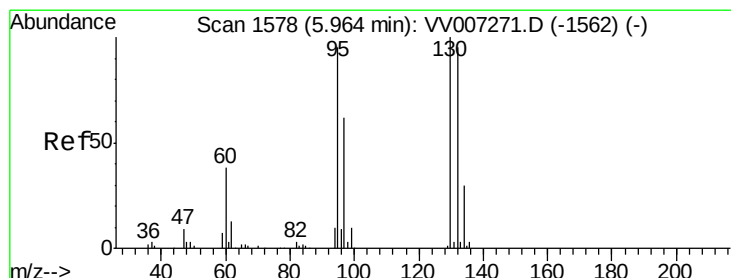
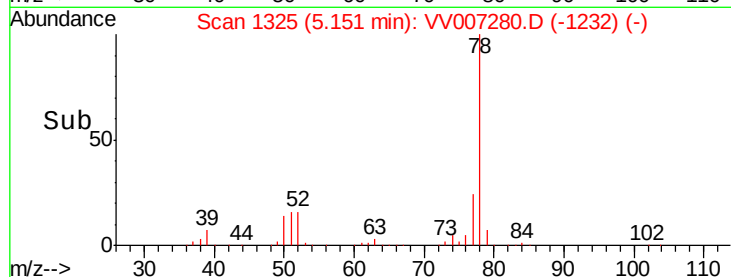
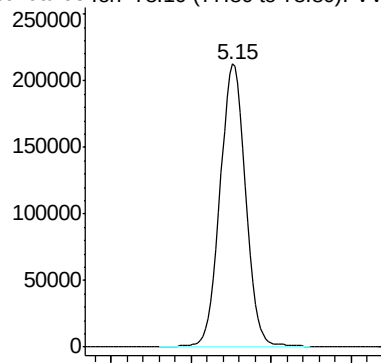
ClientSampleId :

GAB83MSD

Tgt Ion: 78 Resp: 463267



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.51 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007280.D

Acq: 30 Aug 2018 23:55

Tgt Ion: 95 Resp: 105646

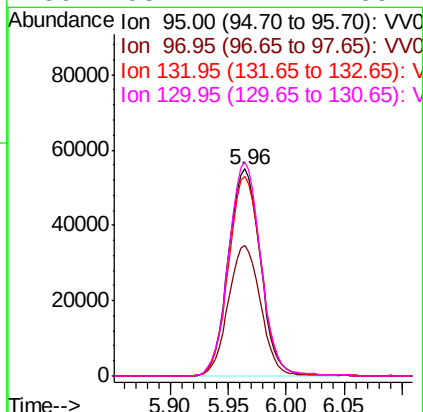
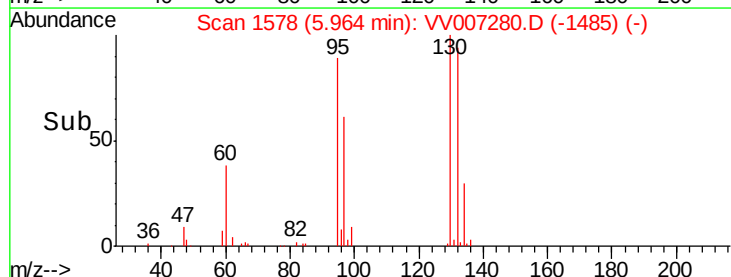
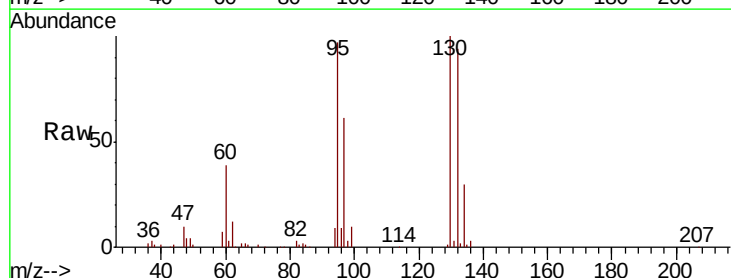
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.2	82.2
132	96.7	70.9	131.7
130	103.1	72.7	135.1

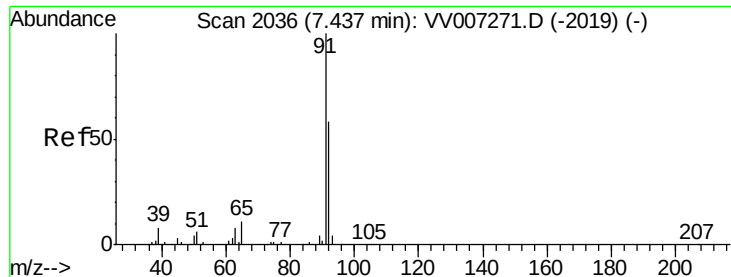
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.69 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007280.D

Acq: 30 Aug 2018 23:55

Instrument :

MSVOA_V

ClientSampleId :

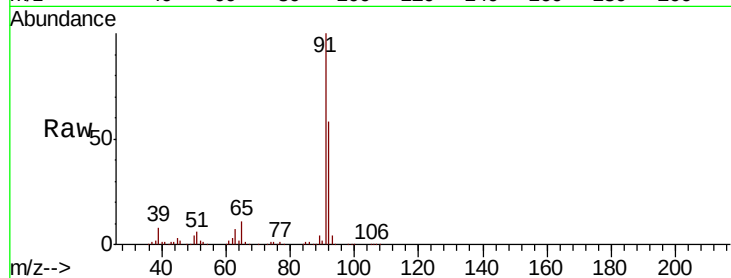
GAB83MSD

Tot Ion: 91 Resp: 446781

Ion Ratio Lower Upper

91 100

92 58.0 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV007271.D (-2019) (-)

Ion 92.15 (91.85 to 92.85): VV007271.D (-2019) (-)

7.44

250000

200000

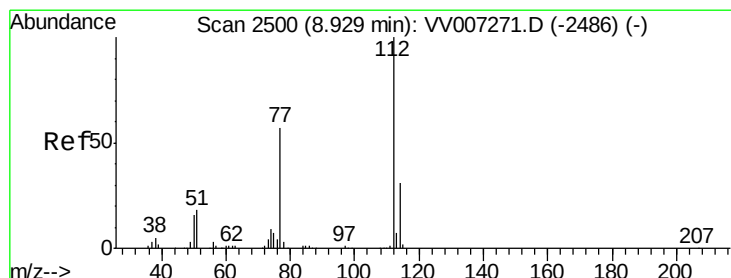
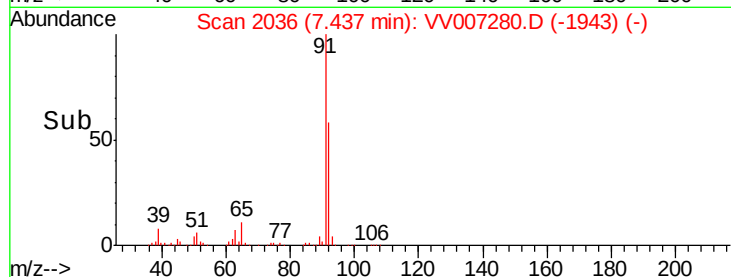
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.69 ug/L

RT: 8.93 min Scan# 2500

Delta R.T. 0.00 min

Lab File: VV007280.D

Acq: 30 Aug 2018 23:55

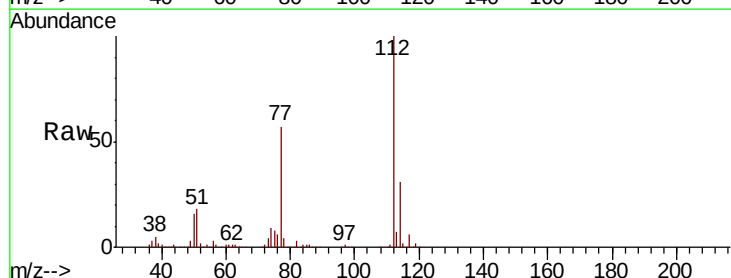
Tgt Ion: 112 Resp: 291668

Ion Ratio Lower Upper

112 100

114 31.4 22.7 42.3

77 57.5 46.7 70.1



Abundance Ion 112.10 (111.80 to 112.80): VV007271.D (-2486) (-)

Ion 114.05 (113.75 to 114.75): VV007271.D (-2486) (-)

Ion 77.10 (76.80 to 77.80): VV007271.D (-2486) (-)

8.93

200000

150000

100000

50000

0

Time-->

