

Data File : VV006276.D
Acq On : 15 Jun 2018 12:26
Operator : SY/MD
Sample : J3507-17MS
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESWD0MS

Quant Time: Jun 16 00:13:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	326341	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	291558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57968	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.58	69	56757	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.14	63	120595	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.96	46	229691	60.69	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.38%
24) Chloroform-d	4.41	84	136852	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.09	65	74070	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.11	84	270200	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.12	67	88268	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.37	98	233150	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	7.67	79	31582	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.14	63	193118	47.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69376	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	100130	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

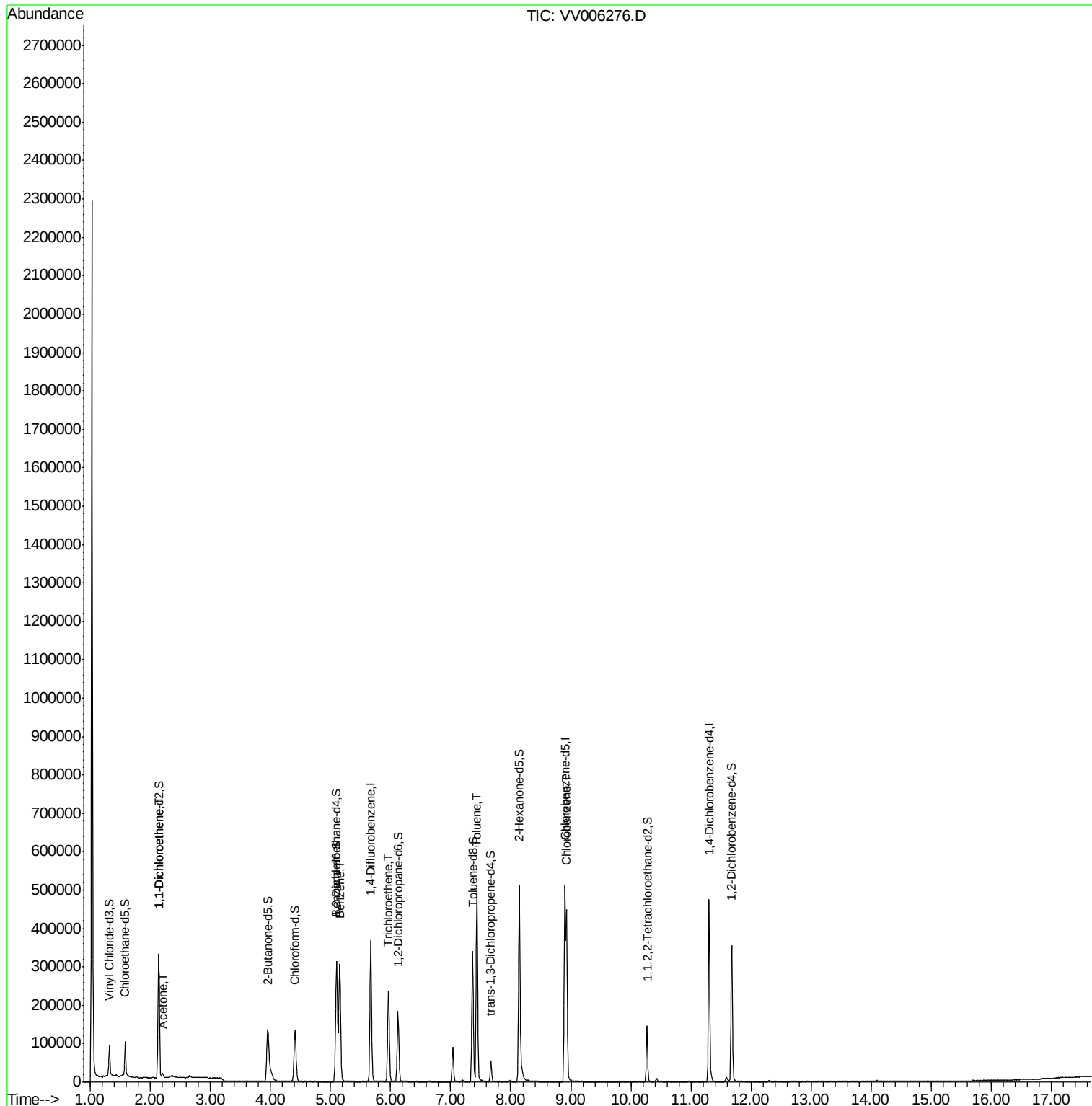
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.15	96	69047	3.687 ug/L	90
13) Acetone	2.20	43	11124	5.424 ug/L	98
33) Benzene	5.15	78	313338	3.898 ug/L	100
34) Trichloroethene	5.96	95	80008	3.647 ug/L	99
42) Toluene	7.44	91	371885	4.191 ug/L	99
51) Chlorobenzene	8.93	112	237905	4.176 ug/L	99

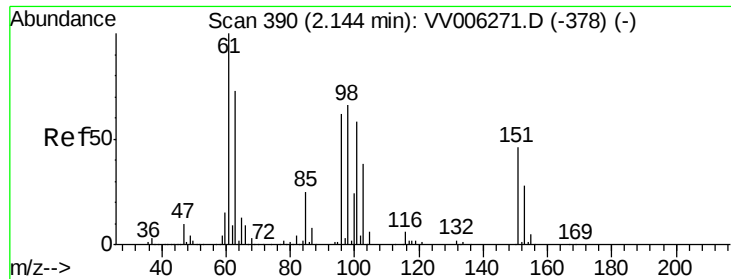
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.687 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

Instrument :

MSVOA_V

ClientSampleId :

ESWD0MS

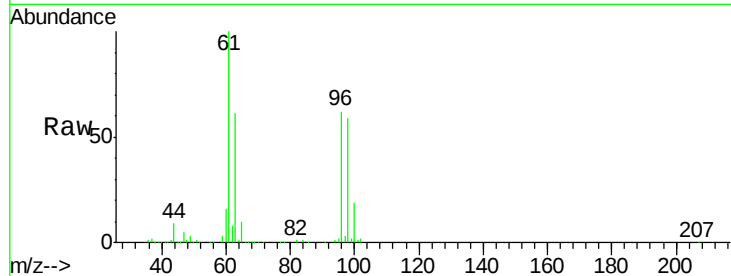
Tgt Ion: 96 Resp: 69047

Ion Ratio Lower Upper

96 100

61 161.2 114.2 212.2

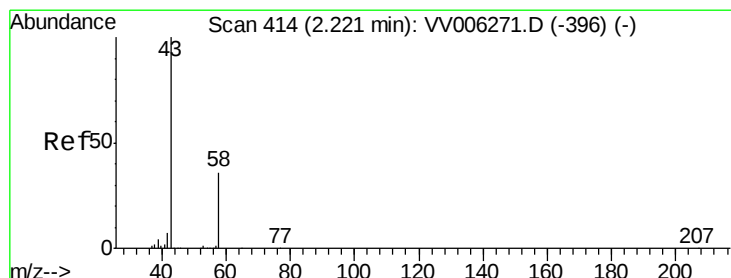
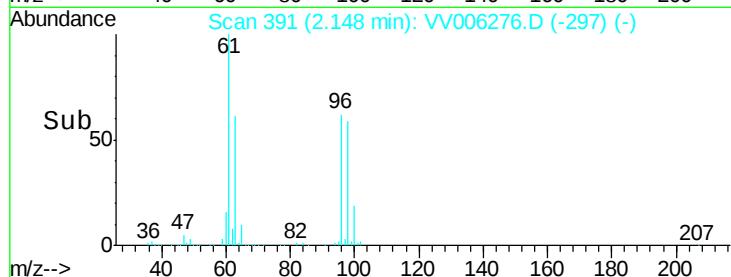
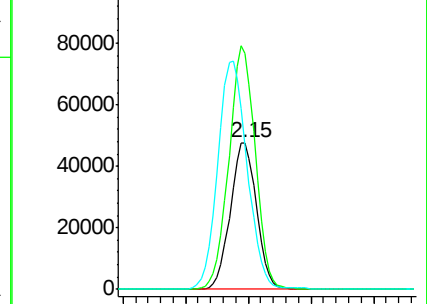
63 98.1 85.0 157.8



Abundance Ion 96.00 (95.70 to 96.70): VV006276.D (-297) (-)

Ion 61.05 (60.75 to 61.75): VV006276.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV006276.D (-297) (-)



#13

Acetone

Concen: 5.424 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.02 min

Lab File: VV006276.D

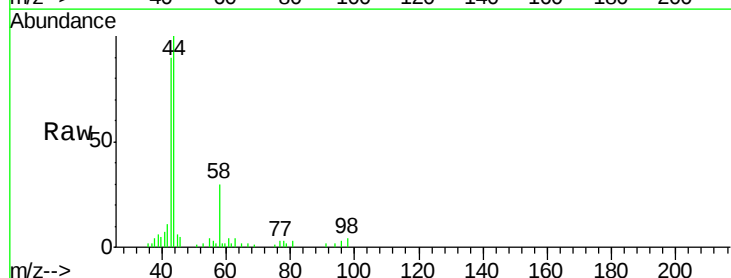
Acq: 15 Jun 2018 12:26

Tgt Ion: 43 Resp: 11124

Ion Ratio Lower Upper

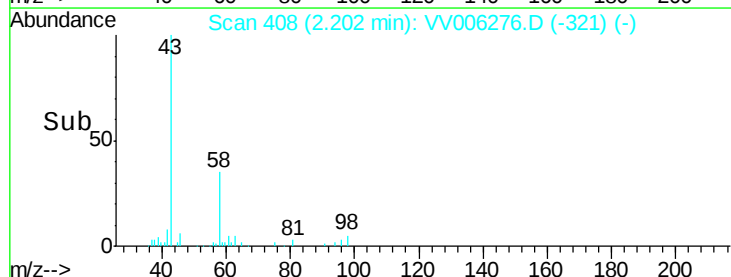
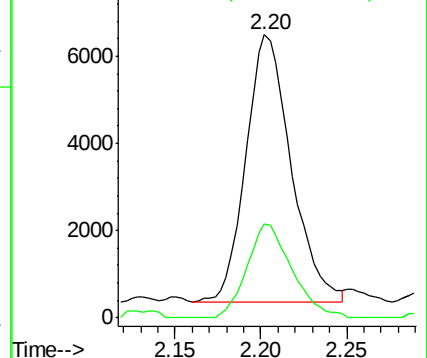
43 100

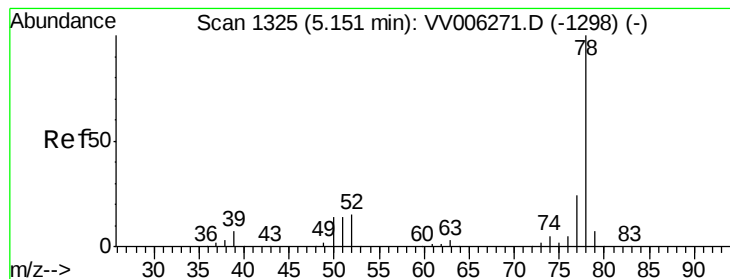
58 35.1 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006276.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VV006276.D (-321) (-)





#33

Benzene

Concen: 3.898 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

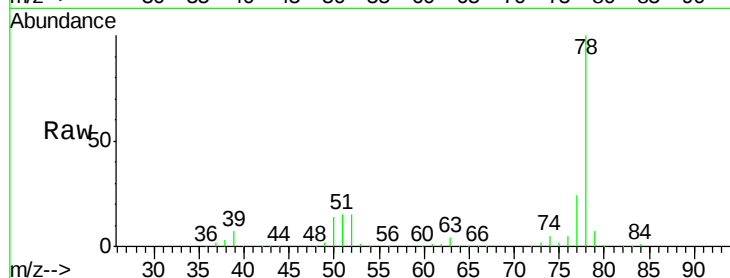
Instrument :

MSVOA_V

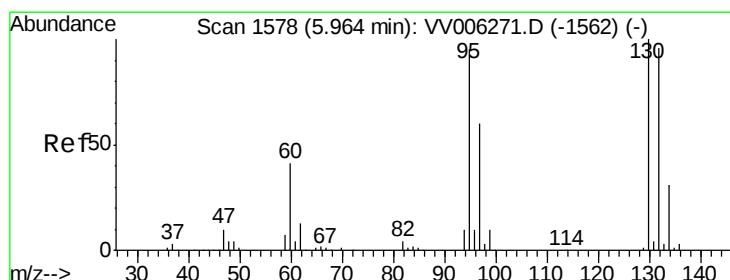
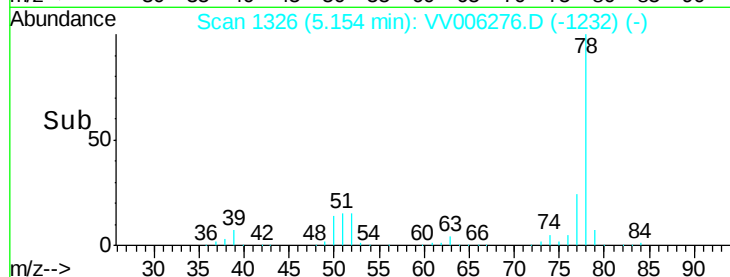
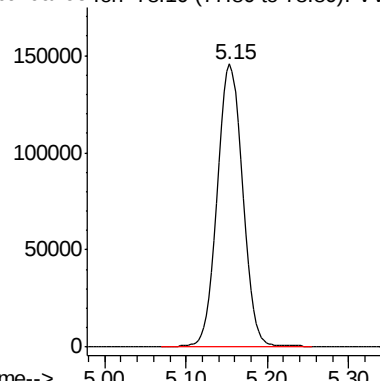
ClientSampleId :

ESWD0MS

Tgt Ion: 78 Resp: 313338



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 3.647 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

Tgt Ion: 95 Resp: 80008

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.9
132	100.6	69.0	128.1
130	105.1	72.8	135.2

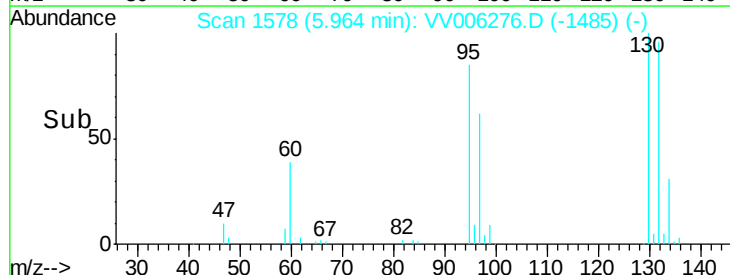
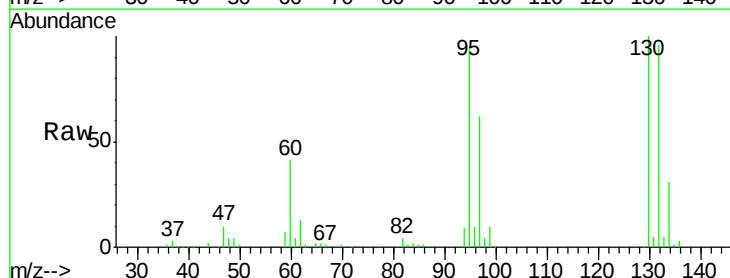
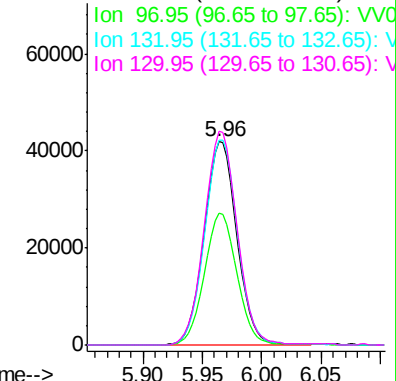
Ion 95.00 (94.70 to 95.70): VV0

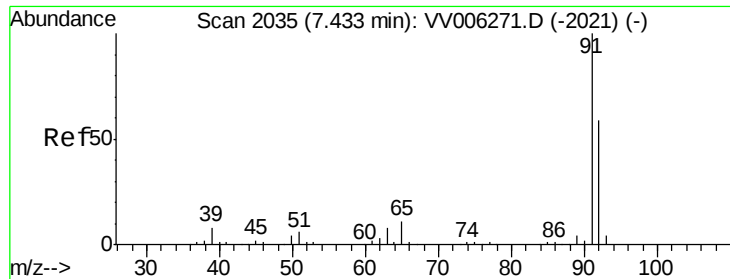
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0





#42

Toluene

Concen: 4.191 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

Instrument :

MSVOA_V

ClientSampleId :

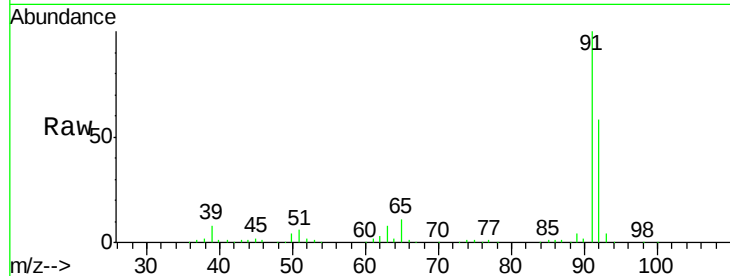
ESWD0MS

Tgt Ion: 91 Resp: 371885

Ion Ratio Lower Upper

91 100

92 58.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV006276.D (-1942) (-)

Ion 92.15 (91.85 to 92.85): VV006276.D (-1942) (-)

7.44

250000

200000

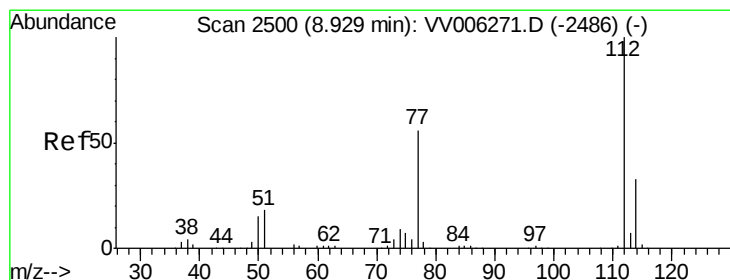
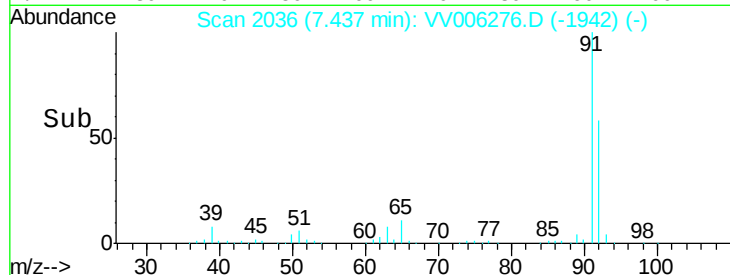
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.176 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

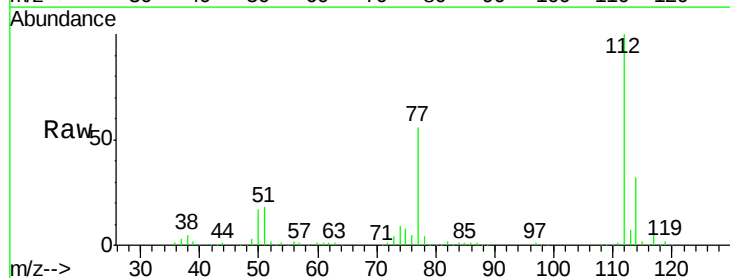
Tgt Ion: 112 Resp: 237905

Ion Ratio Lower Upper

112 100

114 32.0 22.2 41.2

77 55.8 45.2 67.8



Abundance Ion 112.10 (111.80 to 112.80): VV006276.D (-2407) (-)

Ion 114.05 (113.75 to 114.75): VV006276.D (-2407) (-)

Ion 77.10 (76.80 to 77.80): VV006276.D (-2407) (-)

8.93

200000

150000

100000

50000

0

Time-->

