

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052618\
 Data File : VV006054.D
 Acq On : 26 May 2018 14:34
 Operator : SY/MD
 Sample : J3090-05 100X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 28 02:26:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 28 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	177544	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71694	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57787	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.20%
7) Chloroethane-d5	1.56	69	22916	26.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	52.26%#
11) 1,1-Dichloroethene-d2	2.12	63	82013	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	3.95	46	57894	81.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.51%
24) Chloroform-d	4.40	84	108937	46.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.22%
26) 1,2-Dichloroethane-d4	5.09	65	75178	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.10	84	216662	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.12	67	69558	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.24%
41) Toluene-d8	7.36	98	192640	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.67	79	28974	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.74%
47) 2-Hexanone-d5	8.14	63	57457	104.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.27%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	94488	49.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	73219	51.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.70%

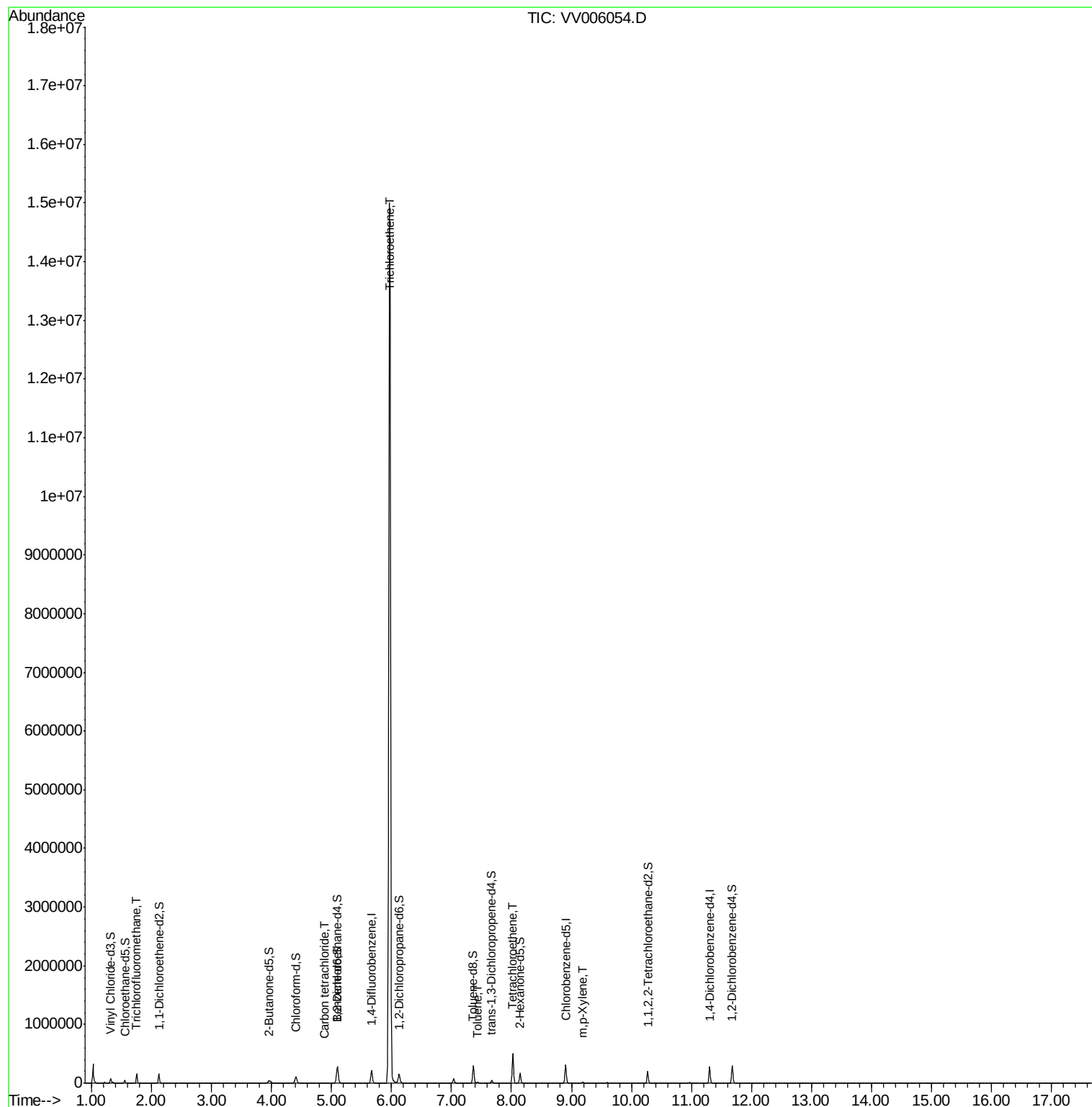
Target Compounds

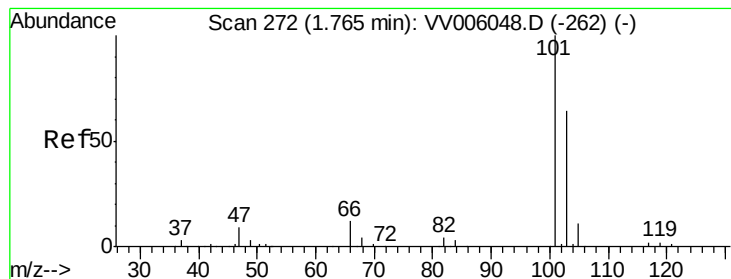
						Ovalue
9) Trichlorofluoromethane	1.75	101	88821	42.21	ug/L	98
31) Carbon tetrachloride	4.88	117	2596	1.38	ug/L	98
34) Trichloroethene	5.97	95	5334488	3982.73	ug/L	97
42) Toluene	7.44	91	11630	2.15	ug/L	100
46) Tetrachloroethene	8.02	164	104913	104.21	ug/L	99
53) m,p-Xylene	9.19	106	4609	2.09	ug/L	100

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

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#9

Trichlorofluoromethane

Concen: 42.21 ug/L

RT: 1.75 min Scan# 268

Delta R.T. -0.01 min

Lab File: VV006054.D

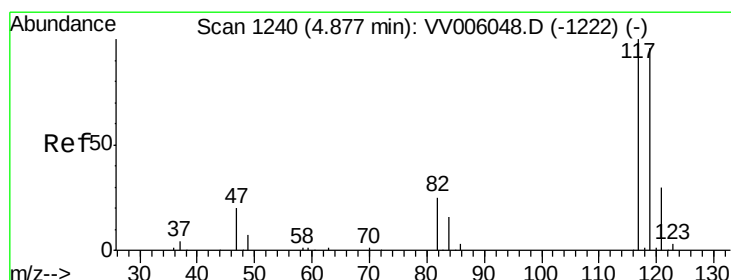
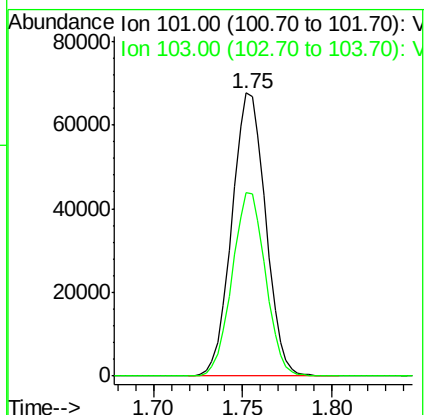
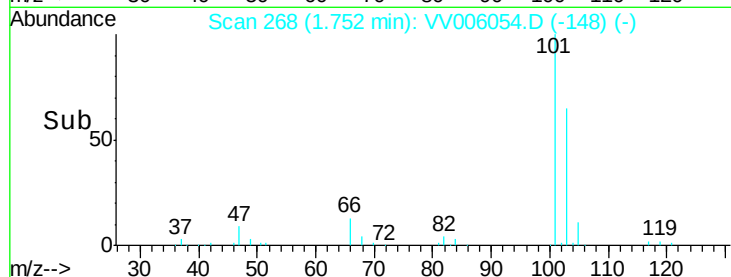
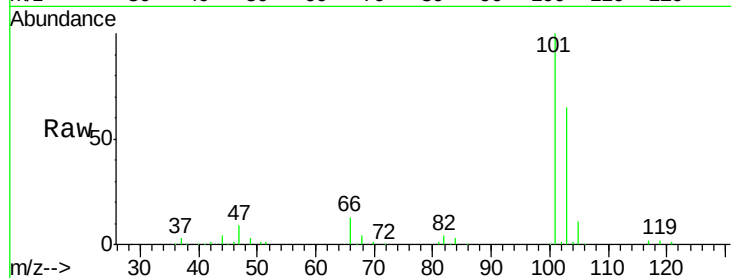
Acq: 26 May 2018 14:34

Tot Ion:101 Resp: 88821

Ion Ratio Lower Upper

101 100

103 64.1 52.6 78.8



#31

Carbon tetrachloride

Concen: 1.38 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006054.D

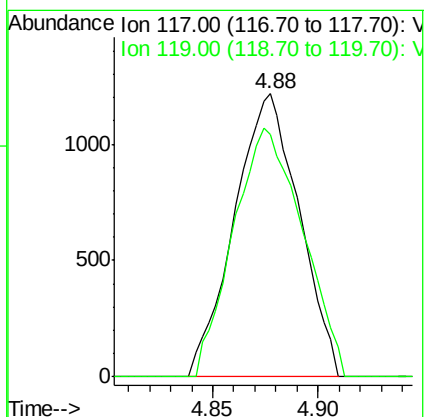
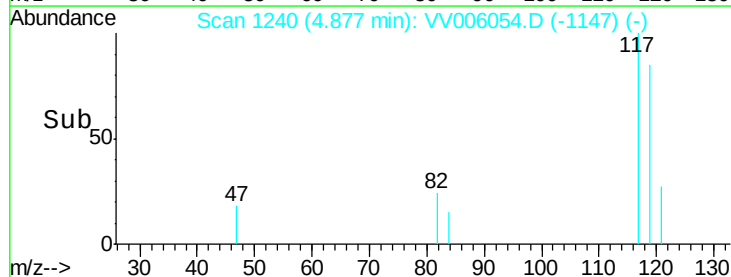
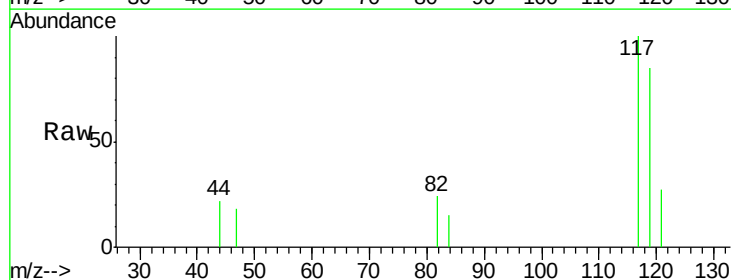
Acq: 26 May 2018 14:34

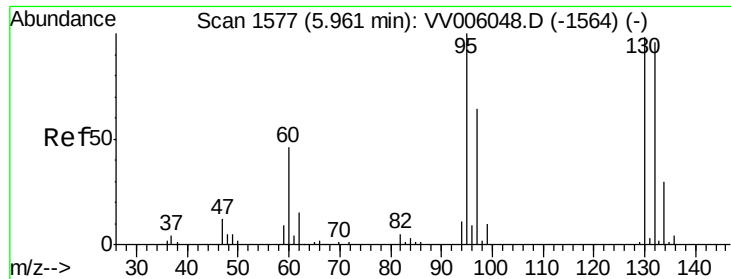
Tgt Ion:117 Resp: 2596

Ion Ratio Lower Upper

117 100

119 94.0 77.0 115.6





#34

Trichloroethene

Concen: 3982.73 ug/L

RT: 5.97 min Scan# 1580

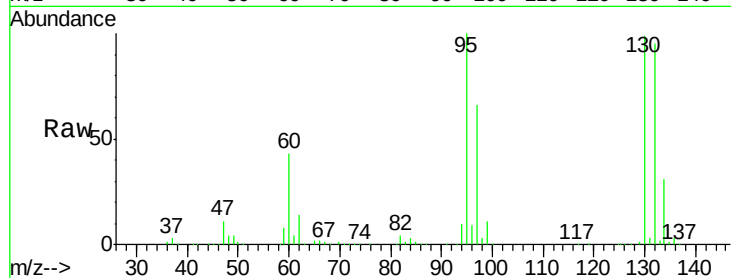
Delta R.T. 0.01 min

Lab File: VV006054.D

Acq: 26 May 2018 14:34

Tot Ion: 95 Resp: 5334488

Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.0	81.6
132	95.0	65.0	120.6
130	99.0	66.6	123.8



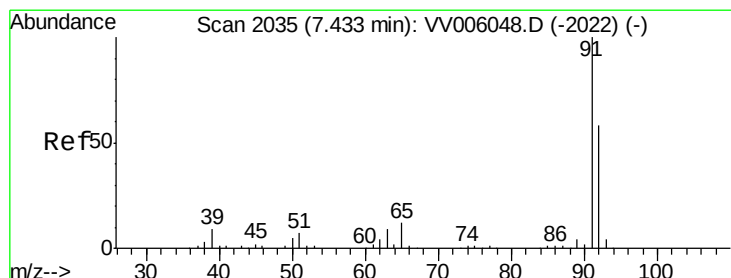
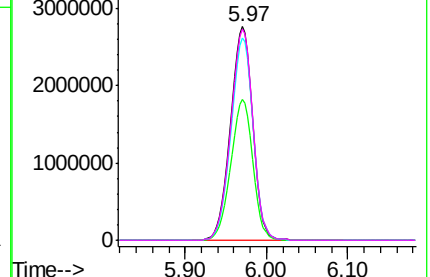
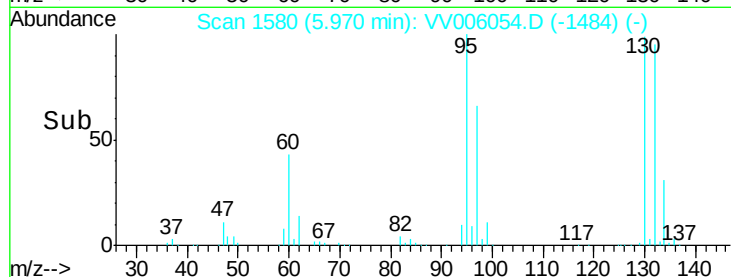
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 2.15 ug/L

RT: 7.44 min Scan# 2036

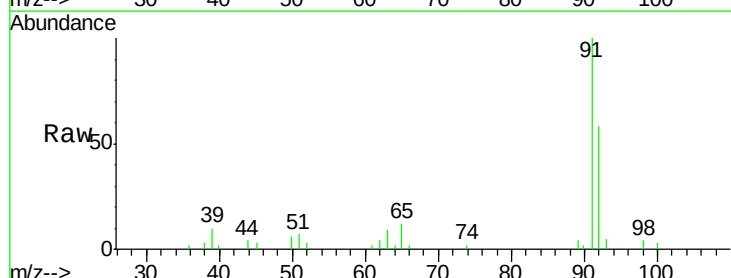
Delta R.T. 0.00 min

Lab File: VV006054.D

Acq: 26 May 2018 14:34

Tgt Ion: 91 Resp: 11630

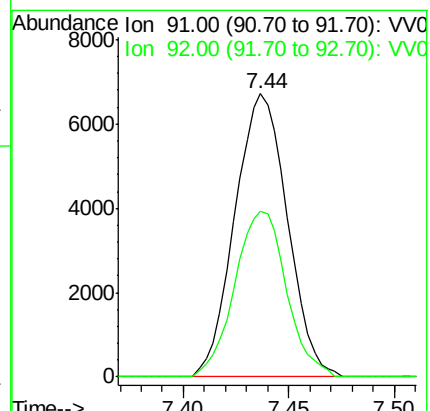
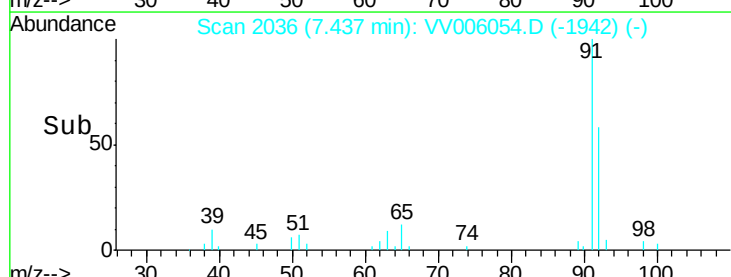
Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.7	75.7

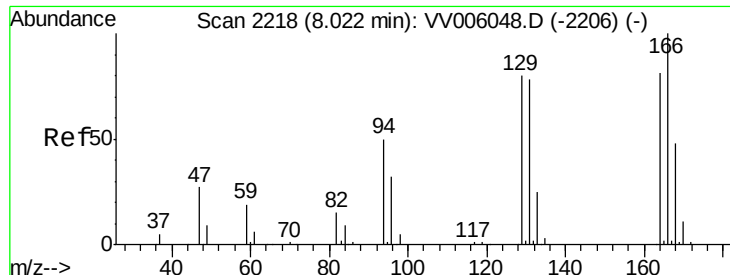


Abundance

Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#46

Tetrachloroethene

Concen: 104.21 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006054.D

Acq: 26 May 2018 14:34

Tot Ion:164 Resp: 104913

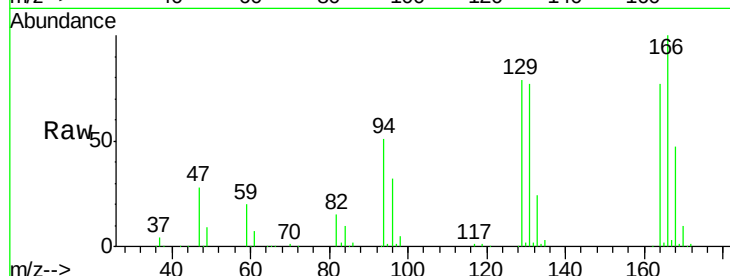
Ion Ratio Lower Upper

164 100

129 102.6 72.2 134.2

131 99.1 70.0 130.0

166 129.4 90.4 167.8

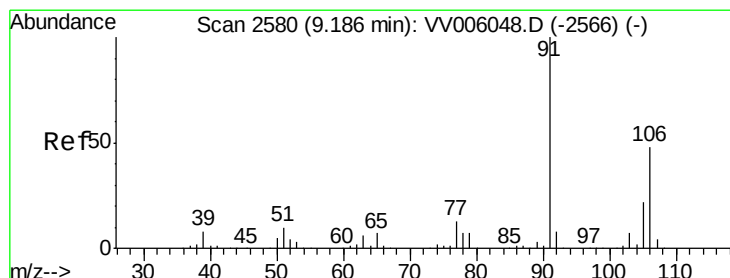
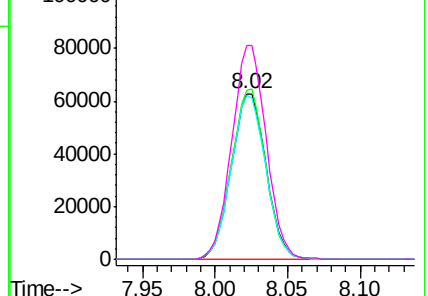
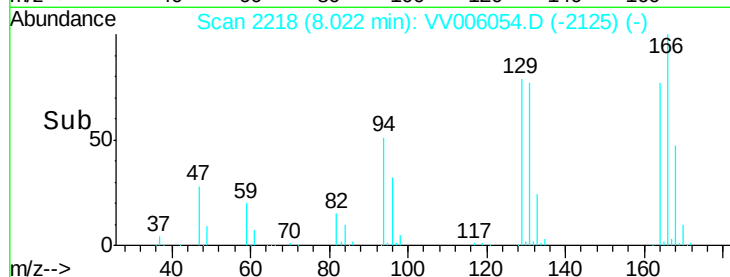


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#53

m,p-Xylene

Concen: 2.09 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006054.D

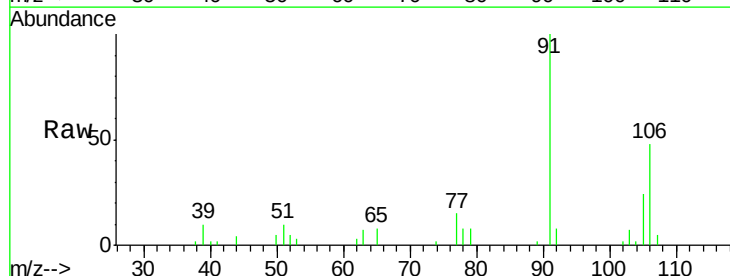
Acq: 26 May 2018 14:34

Tgt Ion:106 Resp: 4609

Ion Ratio Lower Upper

106 100

91 209.4 146.4 271.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

