

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006847.D
 Acq On : 03 Aug 2018 09:47
 Operator : SY/MD
 Sample : J4261-02MS
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5F89MS

Quant Time: Aug 03 12:13:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	238596	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	222012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76939	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	75710	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	154915	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	3.95	46	243503	60.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.52%
24) Chloroform-d	4.41	84	154343	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.09	65	82462	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.11	84	297446	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	104004	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.37	98	228524	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	30202	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	154466	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82681	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	78819	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

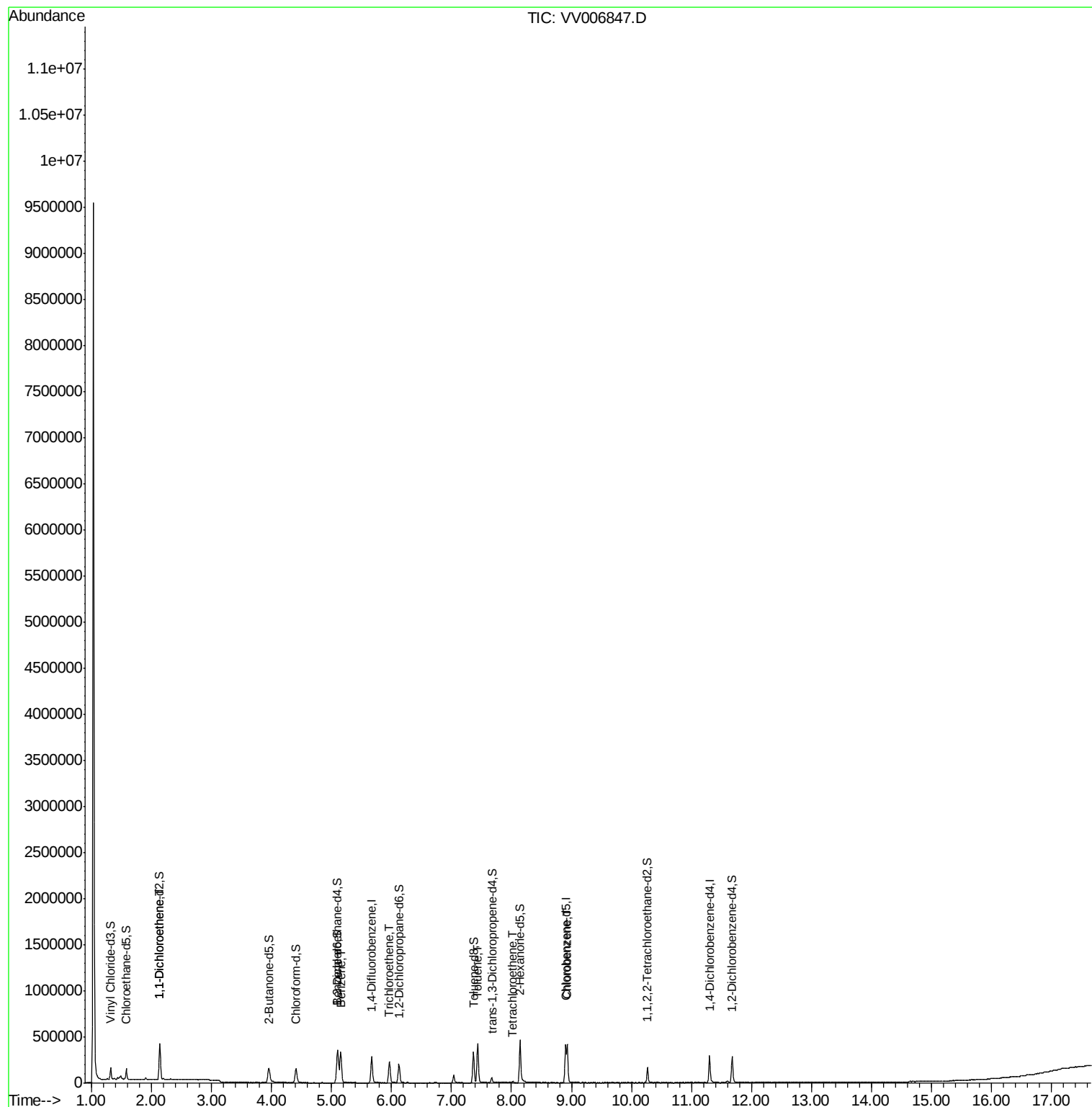
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	77799	5.10 ug/L	98
33) Benzene	5.15	78	339846	4.98 ug/L	100
34) Trichloroethene	5.96	95	81113	4.67 ug/L	95
42) Toluene	7.44	91	309658	4.61 ug/L	97
47) Tetrachloroethene	8.02	164	4076	0.29 ug/L	92
51) Chlorobenzene	8.93	112	216933	5.02 ug/L	100

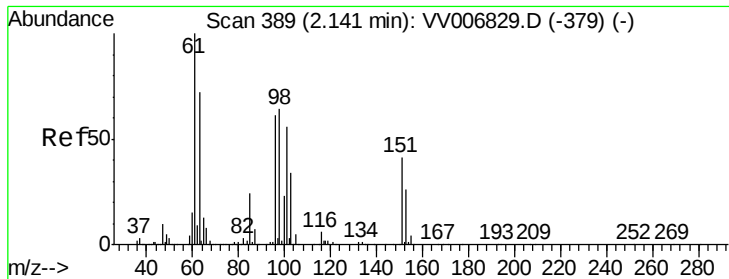
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 04:21:42 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.10 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

E5F89MS

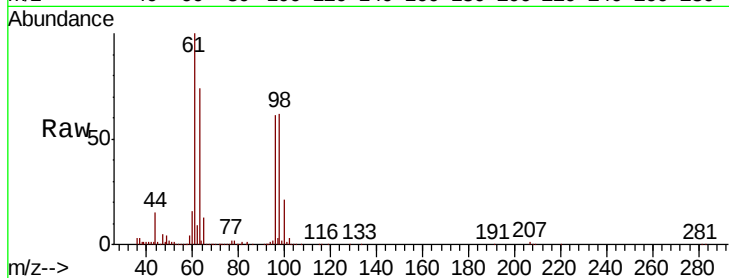
Tot Ion: 96 Resp: 77799

Ion Ratio Lower Upper

96 100

61 164.5 115.3 214.1

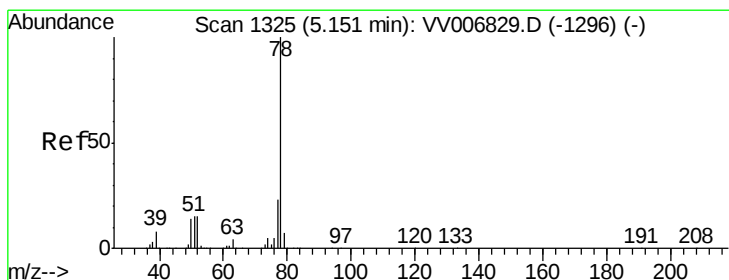
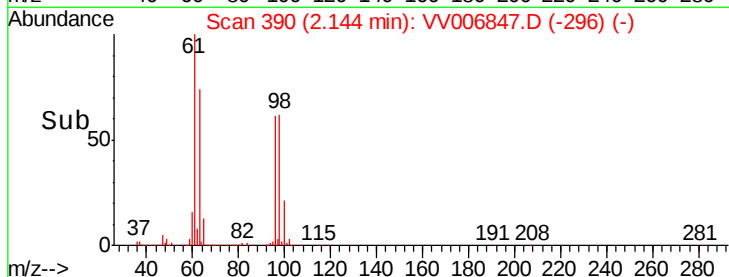
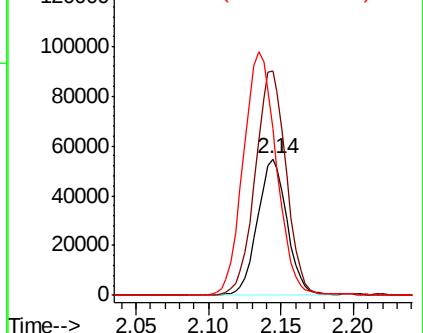
63 122.3 81.9 152.1



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: 4.98 ug/L

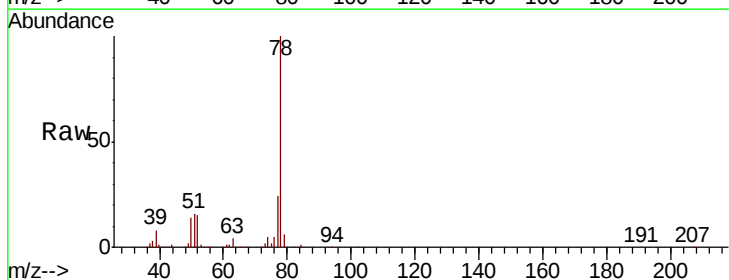
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

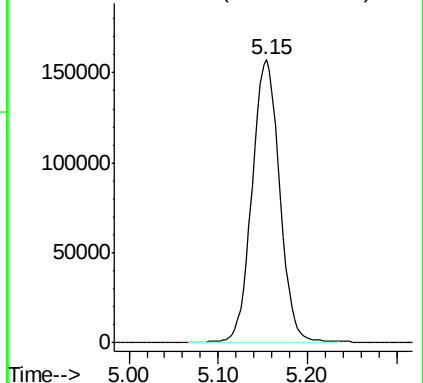
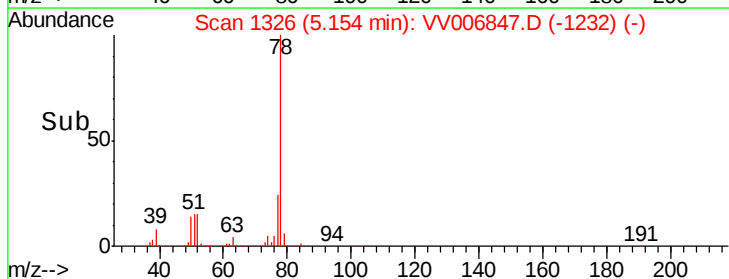
Lab File: VV006847.D

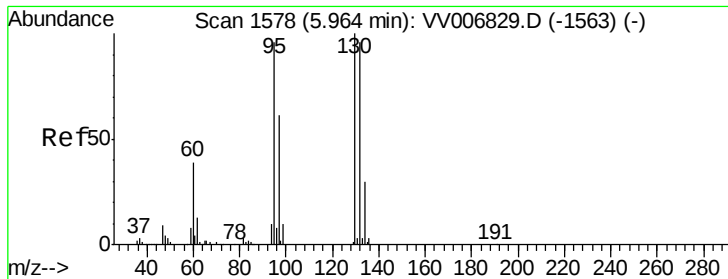
Acq: 03 Aug 2018 09:47

Tgt Ion: 78 Resp: 339846



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.67 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006847.D

Acq: 03 Aug 2018 09:47

Instrument :

MSVOA_V

ClientSampleId :

E5F89MS

Tot Ion: 95 Resp: 81113

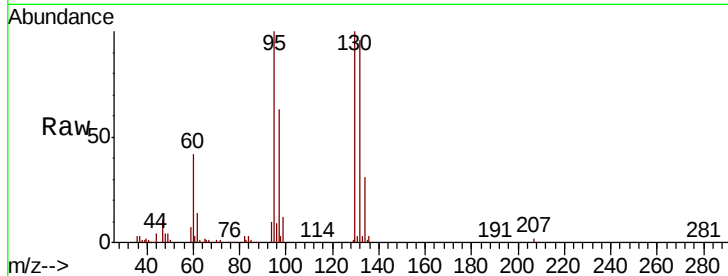
Ion Ratio Lower Upper

95 100

97 62.9 46.3 86.1

132 95.9 72.0 133.6

130 100.4 72.4 134.4

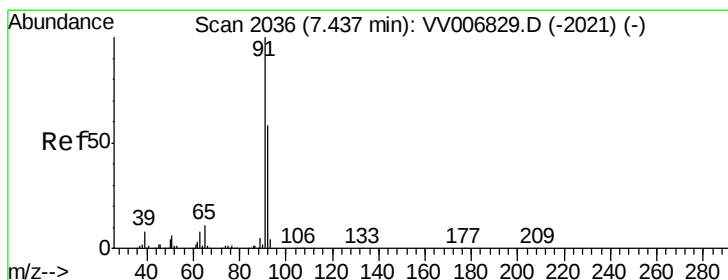
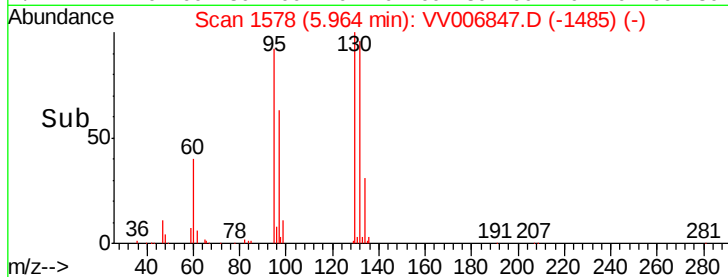
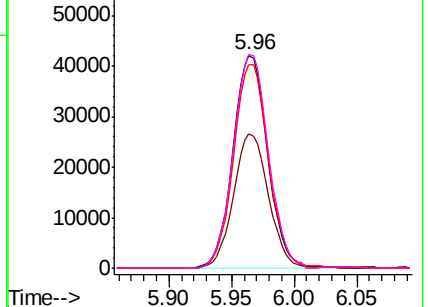


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.61 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006847.D

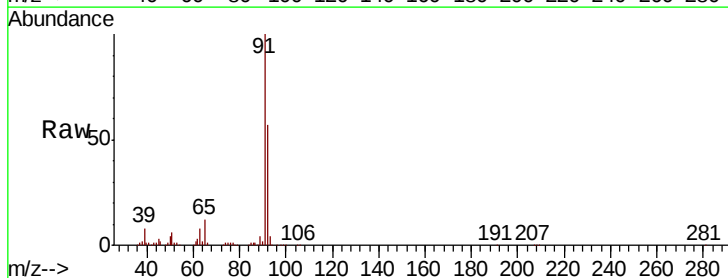
Acq: 03 Aug 2018 09:47

Tgt Ion: 91 Resp: 309658

Ion Ratio Lower Upper

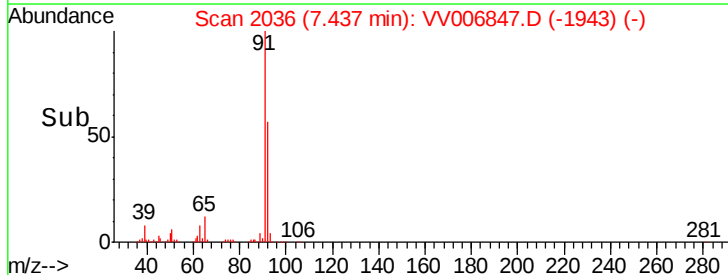
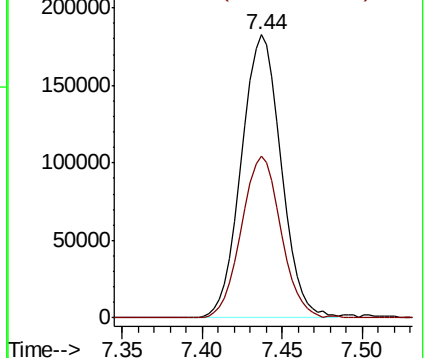
91 100

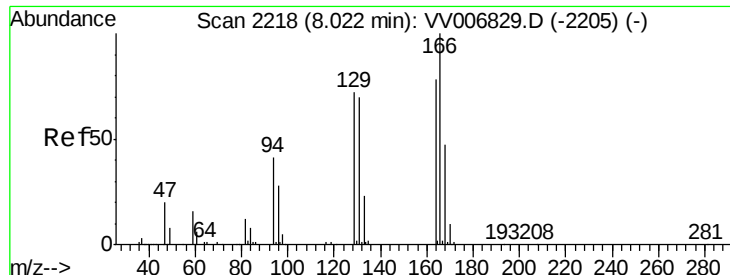
92 57.2 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#47

Tetrachloroethene

Concen: 0.29 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006847.D

Acq: 03 Aug 2018 09:47

Instrument :

MSVOA_V

ClientSampleId :

E5F89MS

Tot Ion:164 Resp: 4076

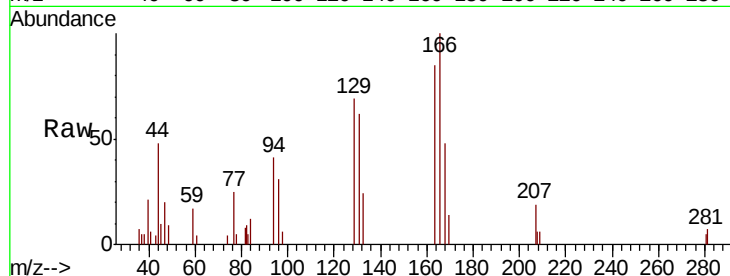
Ion Ratio Lower Upper

164 100

129 81.2 61.1 113.5

131 73.9 59.1 109.7

166 118.3 88.3 163.9

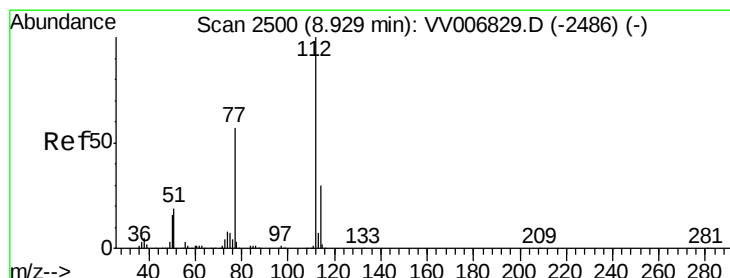
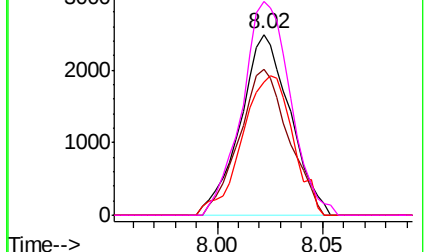
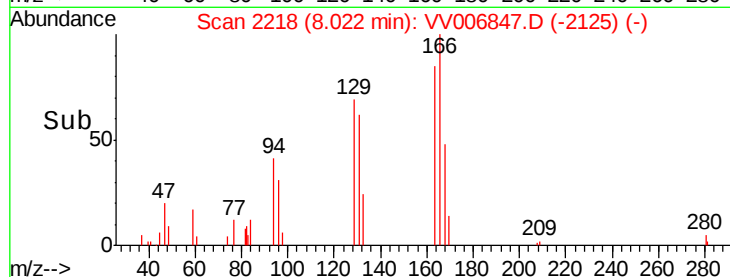


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 5.02 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006847.D

Acq: 03 Aug 2018 09:47

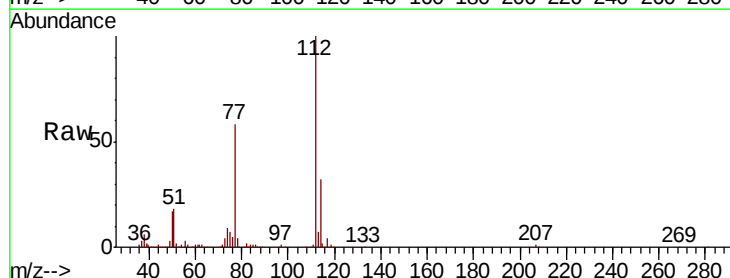
Tgt Ion:112 Resp: 216933

Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 58.1 46.3 69.5



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

