

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007239.D
 Acq On : 28 Aug 2018 23:08
 Operator : SY/MD
 Sample : J4628-22MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3G6MS

Quant Time: Aug 29 04:36:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	228848	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231252	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72696	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	62563	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	138586	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	3.97	46	205697	50.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.42%
24) Chloroform-d	4.40	84	154742	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	80003	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	283917	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.12	67	99747	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.37	98	213459	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	7.67	79	31423	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.15	63	81840	40.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76690	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	83253	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

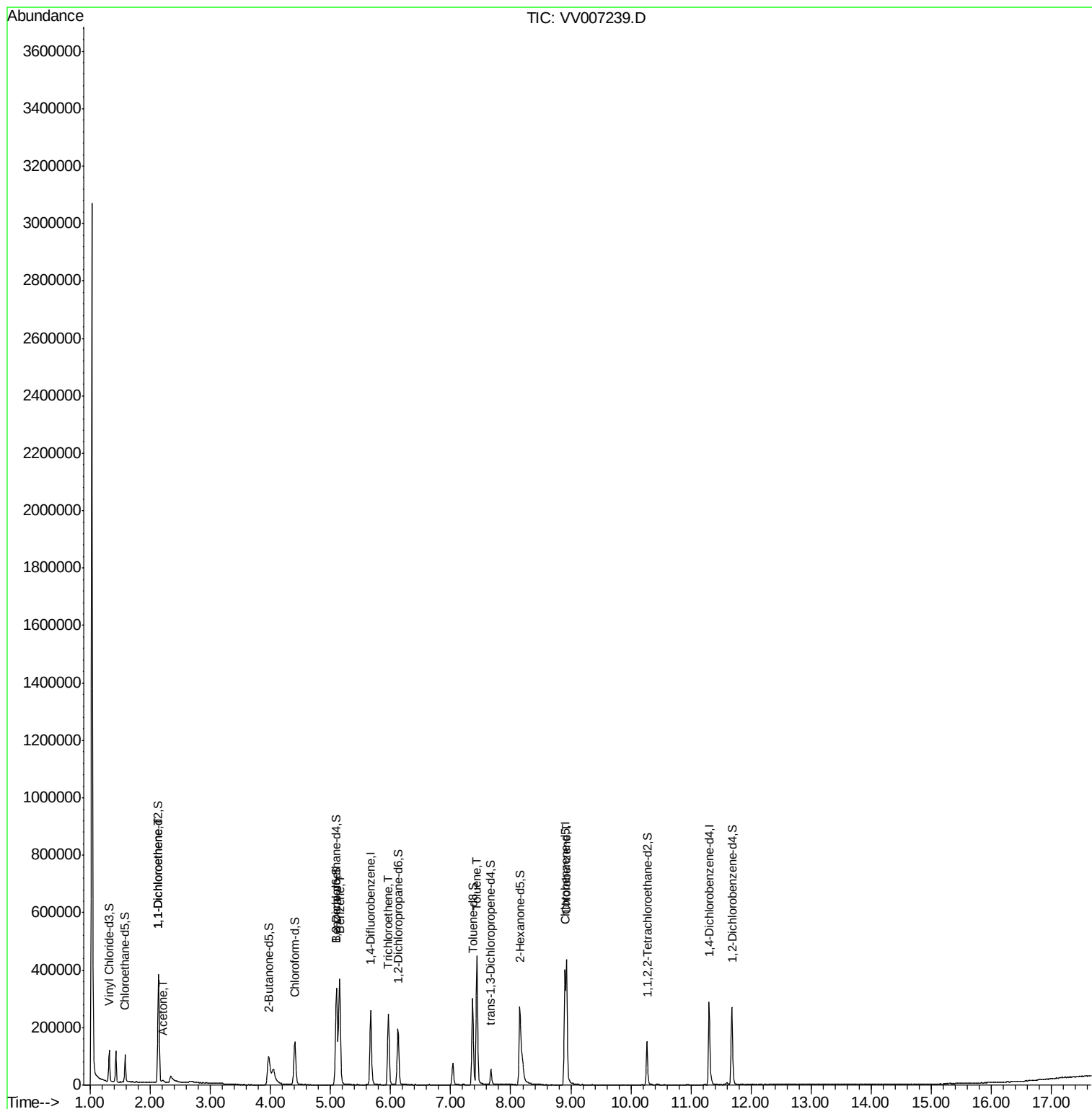
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	83164	6.01 ug/L	95
13) Acetone	2.21	43	7726	3.80 ug/L	96
33) Benzene	5.15	78	375814	5.49 ug/L	100
34) Trichloroethene	5.96	95	86574	5.01 ug/L	98
42) Toluene	7.44	91	337899	5.02 ug/L	99
51) Chlorobenzene	8.93	112	235770	5.16 ug/L	99

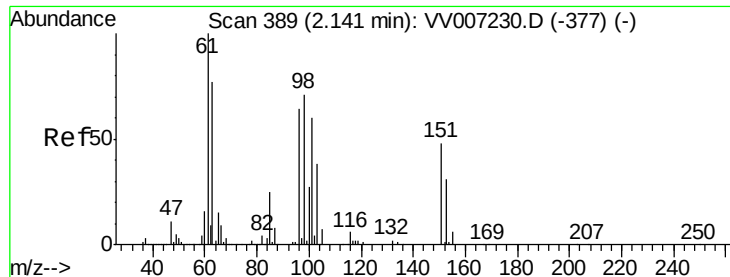
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.01 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

DB3G6MS

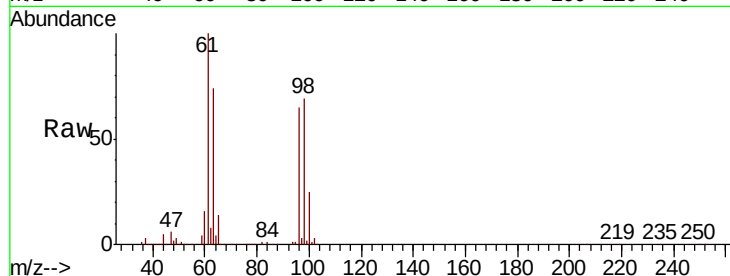
Tot Ion: 96 Resp: 83164

Ion Ratio Lower Upper

96 100

61 155.0 112.3 208.5

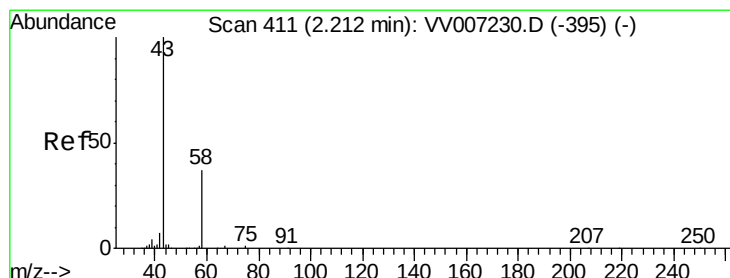
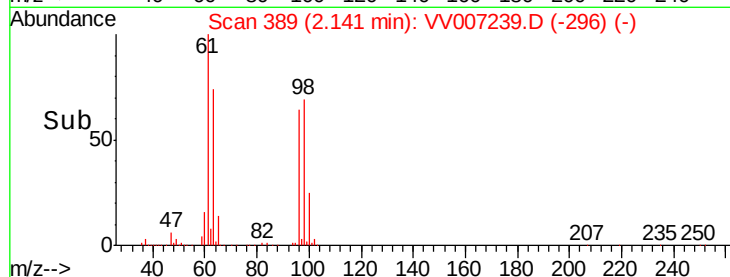
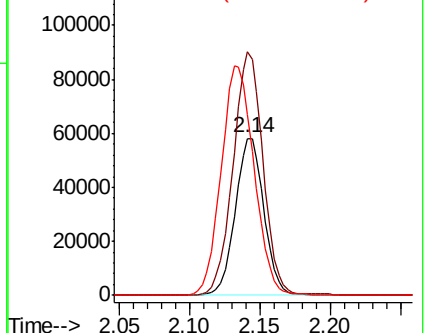
63 115.1 75.4 140.0



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



#13

Acetone

Concen: 3.80 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007239.D

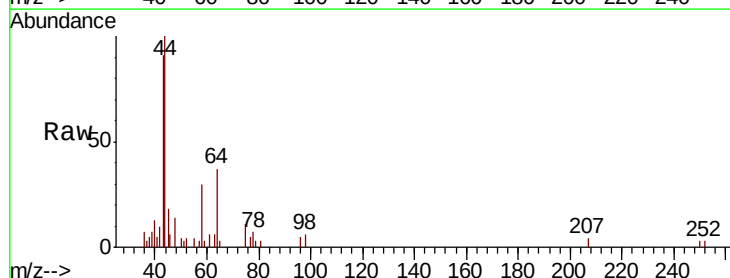
Acq: 28 Aug 2018 23:08

Tgt Ion: 43 Resp: 7726

Ion Ratio Lower Upper

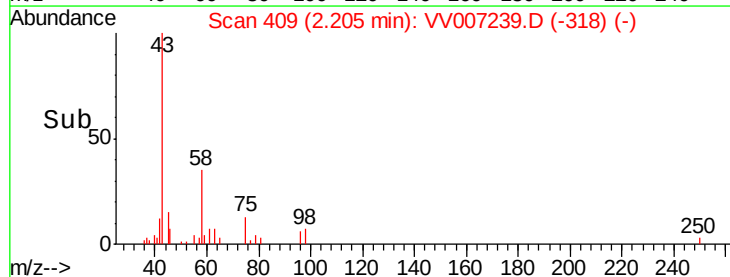
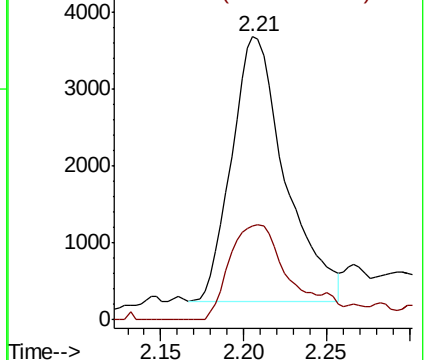
43 100

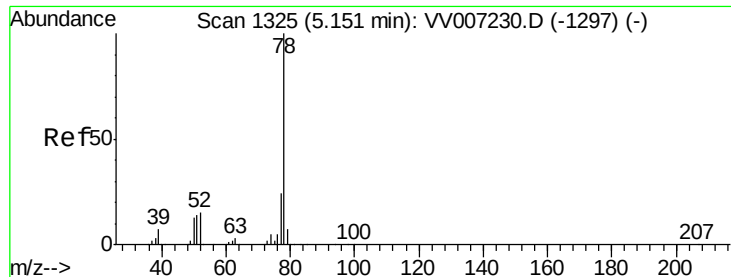
58 37.7 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#33

Benzene

Concen: 5.49 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VV007239.D

Acq: 28 Aug 2018 23:08

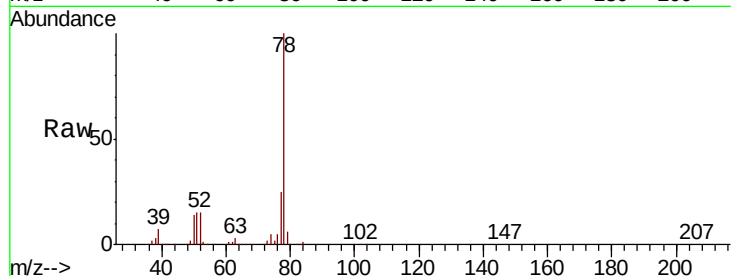
Instrument :

MSVOA_V

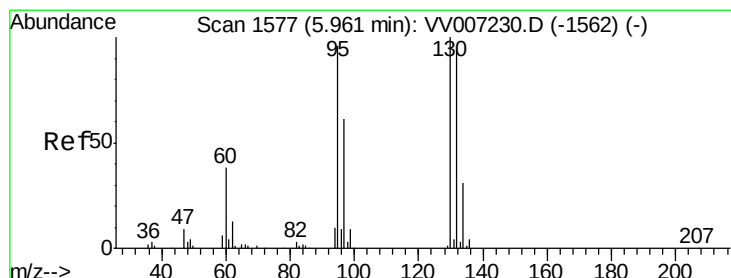
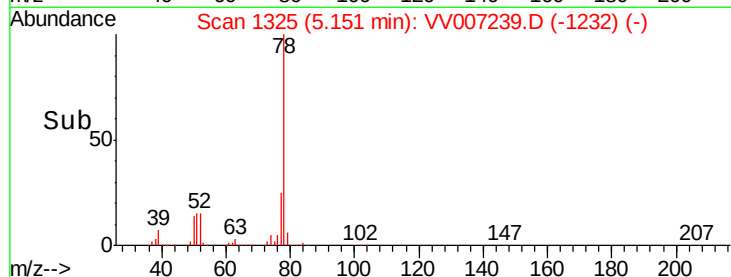
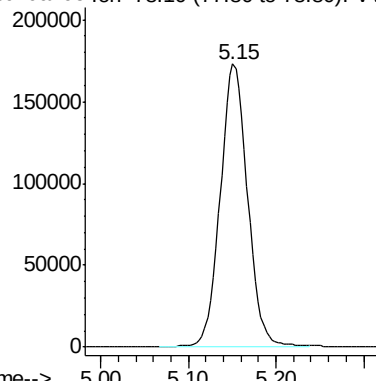
ClientSampleId :

DB3G6MS

Tgt Ion: 78 Resp: 375814



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.01 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007239.D

Acq: 28 Aug 2018 23:08

Tgt Ion: 95 Resp: 86574

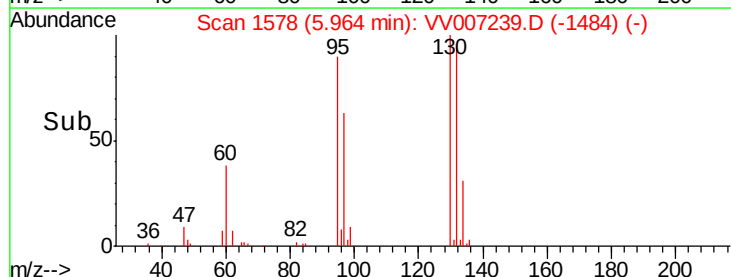
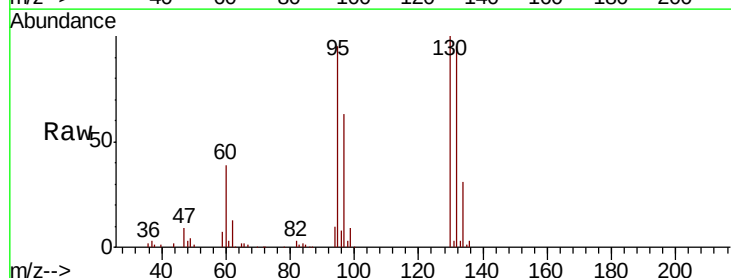
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.2	82.2
132	99.2	71.3	132.3
130	105.0	72.8	135.2

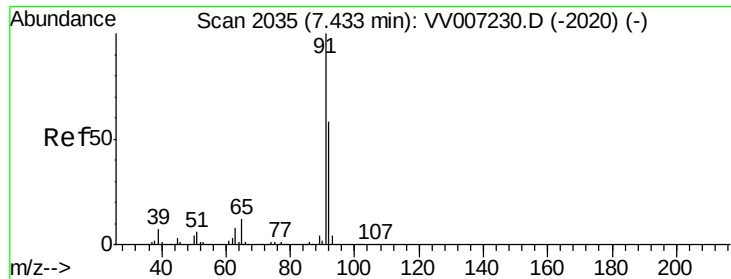
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.02 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007239.D

Acq: 28 Aug 2018 23:08

Instrument :

MSVOA_V

ClientSampleId :

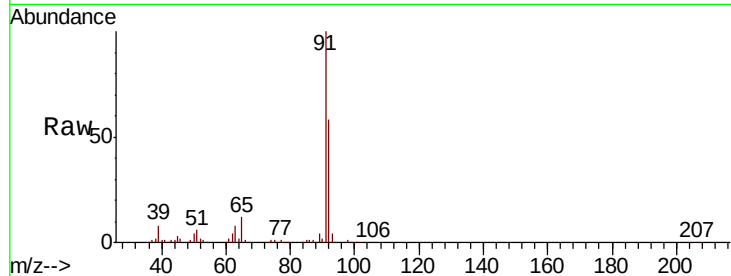
DB3G6MS

Tot Ion: 91 Resp: 337899

Ion Ratio Lower Upper

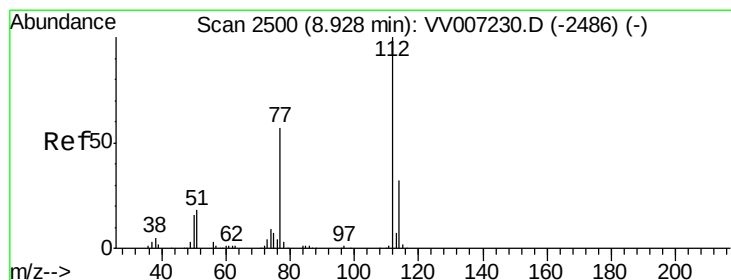
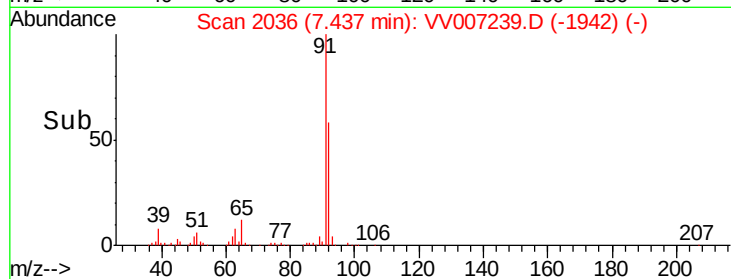
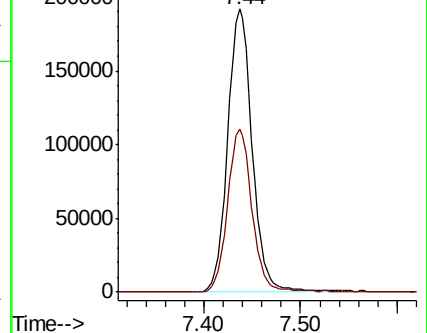
91 100

92 57.7 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#51

Chlorobenzene

Concen: 5.16 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV007239.D

Acq: 28 Aug 2018 23:08

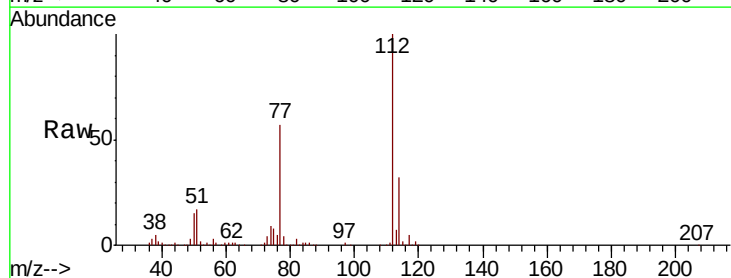
Tgt Ion: 112 Resp: 235770

Ion Ratio Lower Upper

112 100

114 32.5 22.0 41.0

77 57.3 45.9 68.9



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

