

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007240.D
 Acq On : 28 Aug 2018 23:35
 Operator : SY/MD
 Sample : J4628-23MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3G6MSD

Quant Time: Aug 29 04:37:29 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	222370	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86001	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75274	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	65351	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.13	63	141656	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.80%
20) 2-Butanone-d5	3.97	46	209039	53.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.40	84	161576	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	81621	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	298682	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	103873	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.37	98	222946	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	32161	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.15	63	83139	42.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80768	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	84215	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

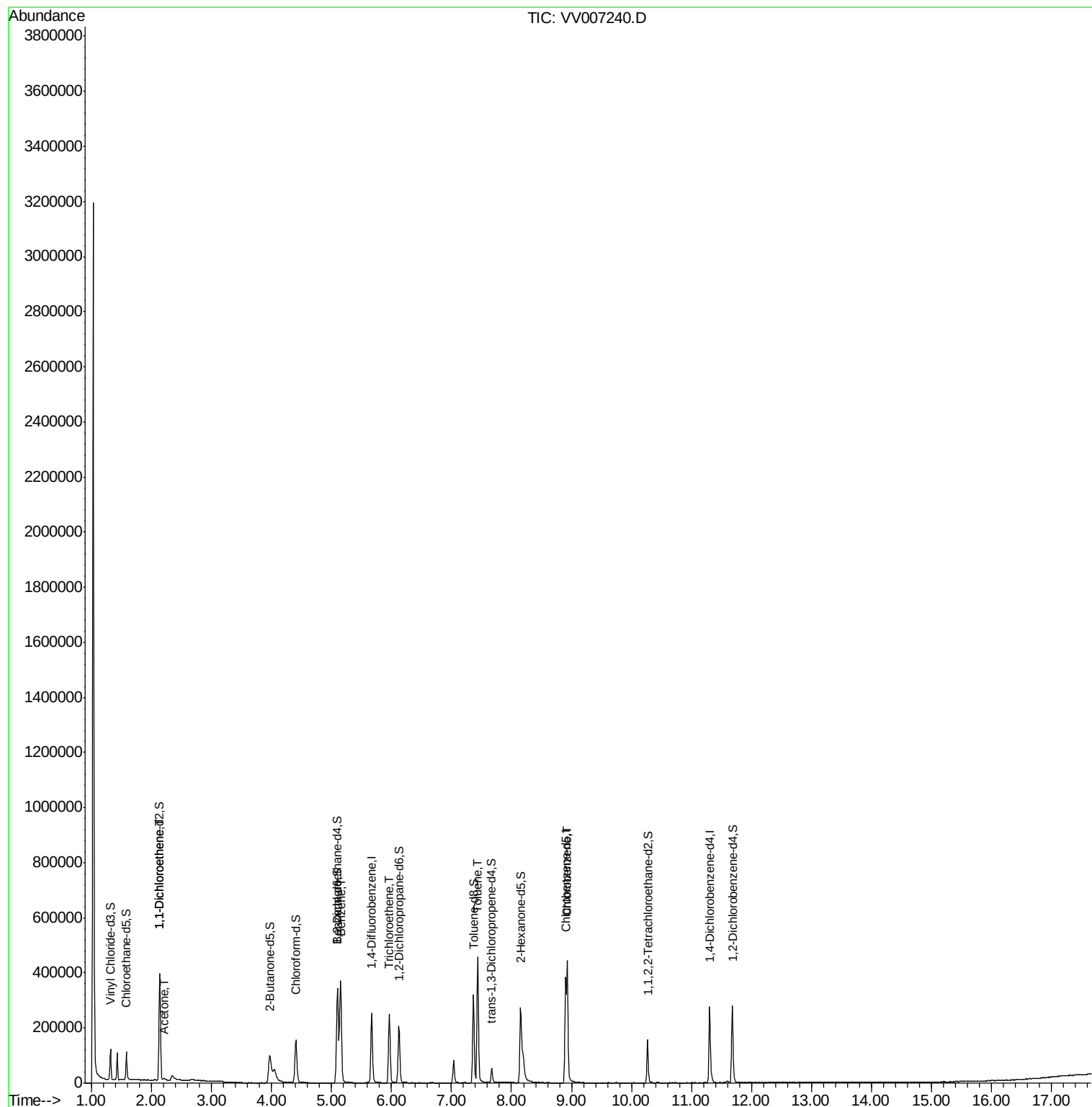
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	85333	6.34	ug/L	96
13) Acetone	2.21	43	6568	3.32	ug/L	95
33) Benzene	5.15	78	382223	5.75	ug/L	100
34) Trichloroethene	5.96	95	89241	5.32	ug/L	99
42) Toluene	7.44	91	340884	5.22	ug/L	98
51) Chlorobenzene	8.93	112	240306	5.42	ug/L	99

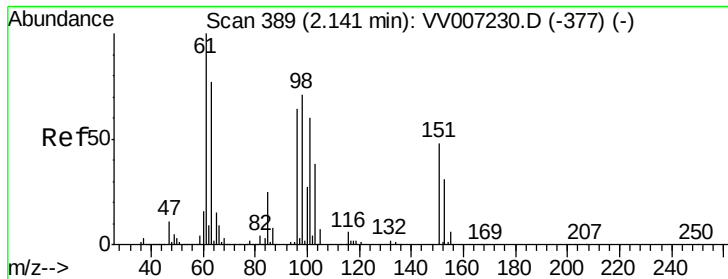
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.34 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007240.D

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ClientSampleId :

DB3G6MSD

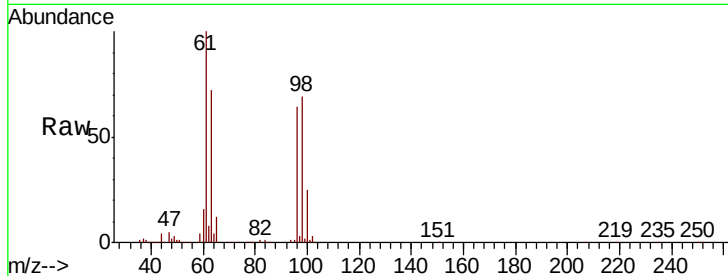
Tot Ion: 96 Resp: 85333

Ion Ratio Lower Upper

96 100

61 155.5 112.3 208.5

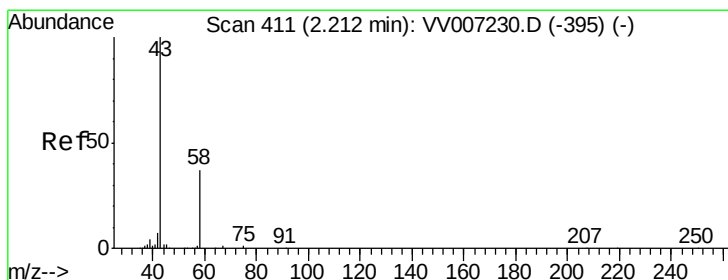
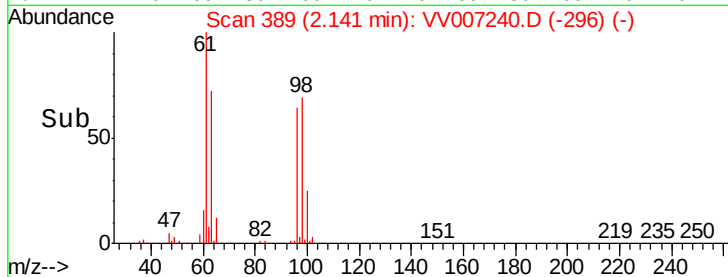
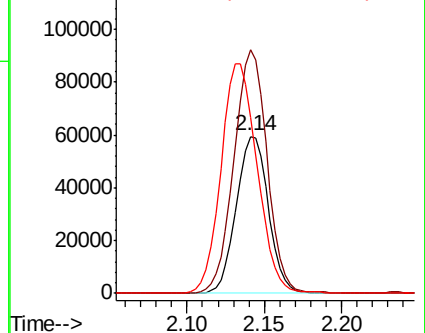
63 112.1 75.4 140.0



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: 3.32 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007240.D

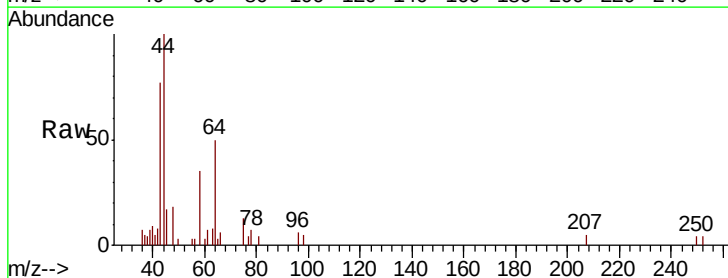
Acq: 28 Aug 2018 23:35

Tgt Ion: 43 Resp: 6568

Ion Ratio Lower Upper

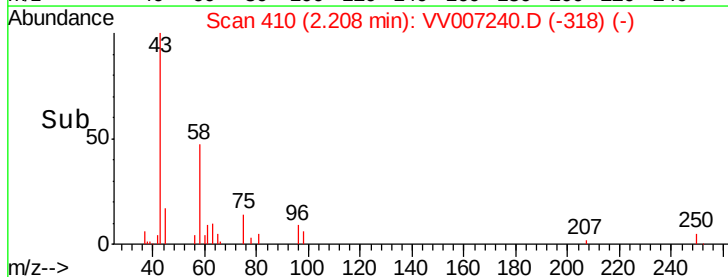
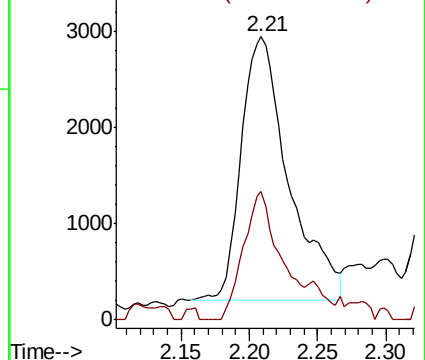
43 100

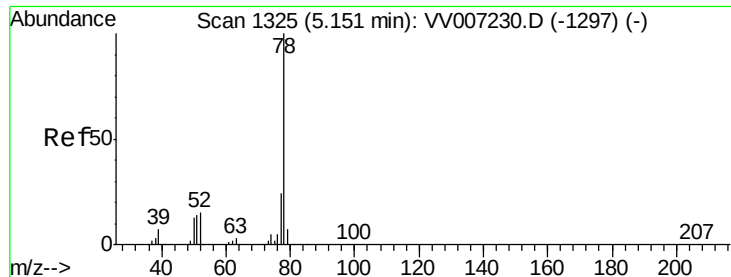
58 38.1 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

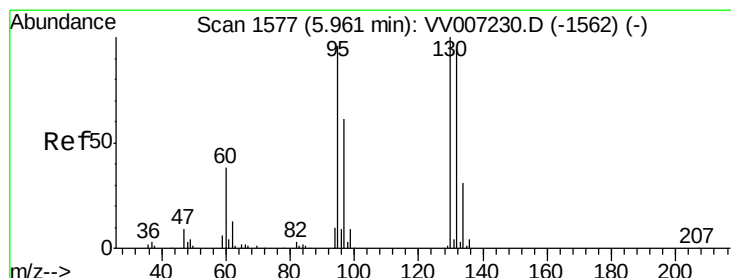
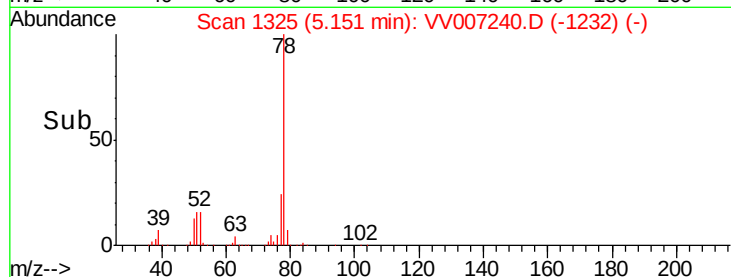
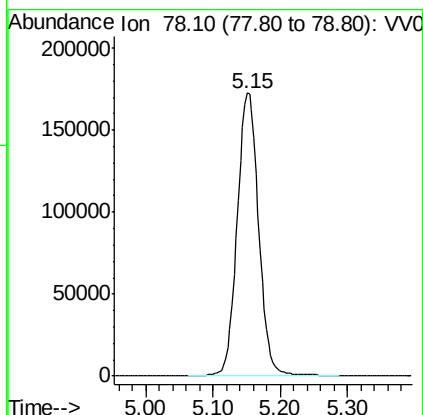
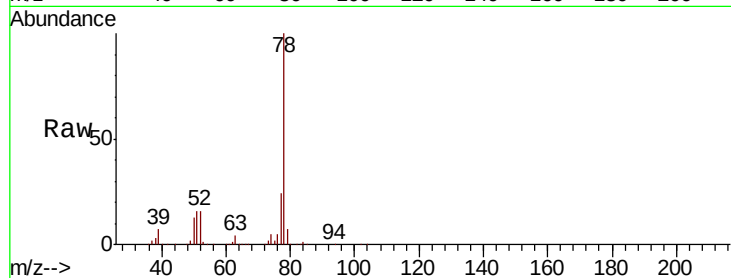




#33
Benzene
Concen: 5.75 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VV007240.D
Acq: 28 Aug 2018 23:35

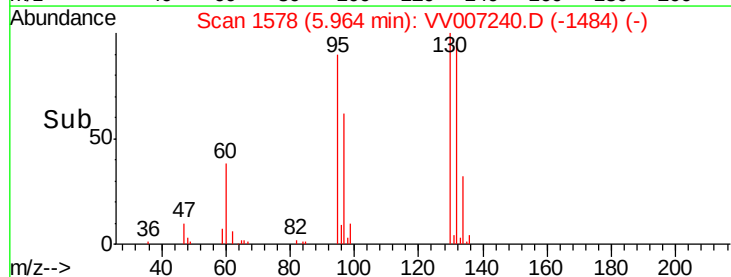
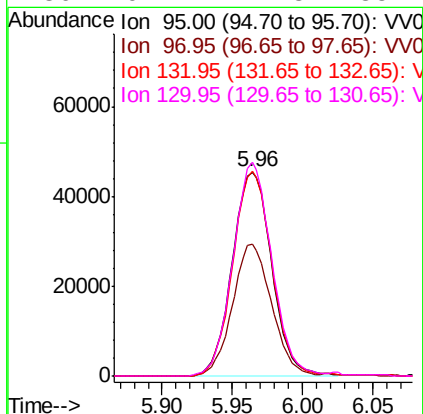
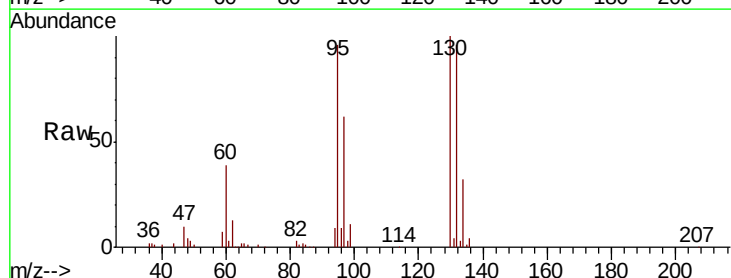
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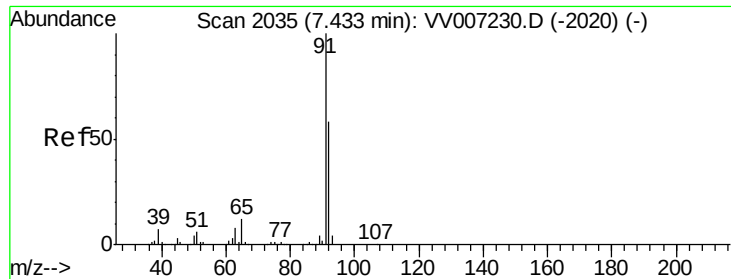
Tgt Ion: 78 Resp: 382223



#34
Trichloroethene
Concen: 5.32 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007240.D
Acq: 28 Aug 2018 23:35

Tgt Ion: 95 Resp: 89241
Ion Ratio Lower Upper
95 100
97 64.5 44.2 82.2
132 100.4 71.3 132.3
130 104.7 72.8 135.2





#42

Toluene

Concen: 5.22 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007240.D

Acq: 28 Aug 2018 23:35

Instrument :

MSVOA_V

ClientSampleId :

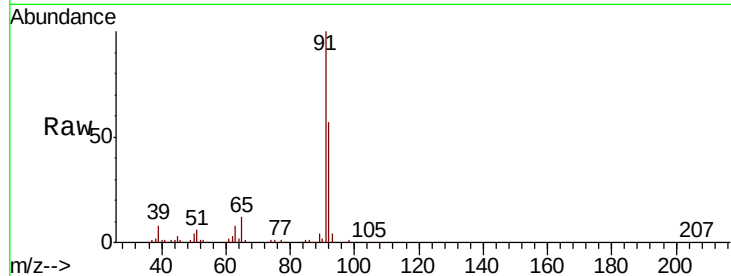
DB3G6MSD

Tot Ion: 91 Resp: 340884

Ion Ratio Lower Upper

91 100

92 57.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV007230.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV007230.D (-2020) (-)

7.44

200000

150000

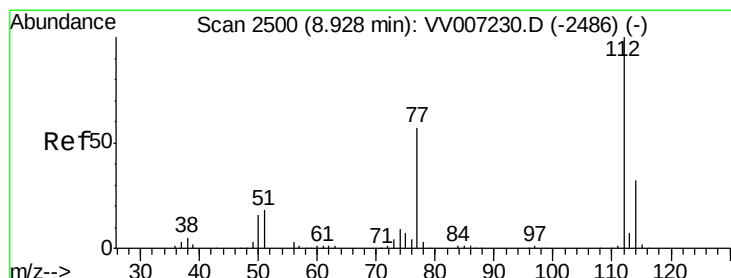
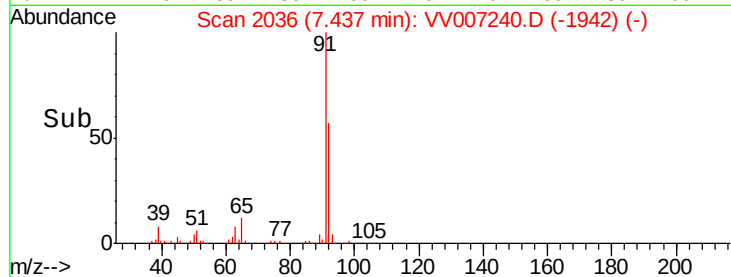
100000

50000

0

7.40 7.50

Time-->



#51

Chlorobenzene

Concen: 5.42 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV007240.D

Acq: 28 Aug 2018 23:35

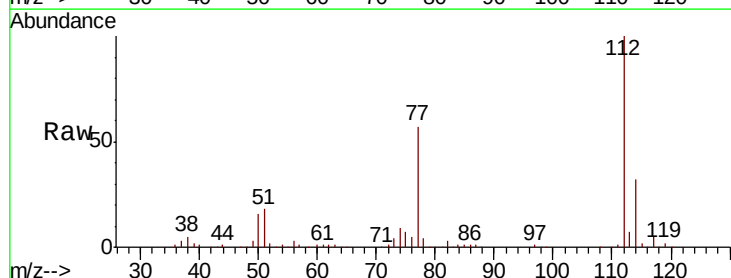
Tgt Ion: 112 Resp: 240306

Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 57.0 45.9 68.9



Abundance Ion 112.10 (111.80 to 112.80): VV007230.D (-2486) (-)

Ion 114.05 (113.75 to 114.75): VV007230.D (-2486) (-)

Ion 77.10 (76.80 to 77.80): VV007230.D (-2486) (-)

8.93

150000

100000

50000

0

8.90 9.00 9.10

Time-->

