

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007379.D
 Acq On : 05 Sep 2018 12:52
 Operator : SY/MD
 Sample : J4678-09MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FC5MSD

Quant Time: Sep 06 01:06:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 00:43:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	512961	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	484436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	187425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157574	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.02%
7) Chloroethane-d5	1.57	69	98272	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.88%
11) 1,1-Dichloroethene-d2	2.13	63	312128	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.72%
21) 2-Butanone-d5	3.96	46	265370	89.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.04%
24) Chloroform-d	4.41	84	347144	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.09	65	221776	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.11	84	701814	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
36) 1,2-Dichloropropane-d6	6.12	67	239997	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.10%
41) Toluene-d8	7.37	98	574431	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	96551	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.66%
47) 2-Hexanone-d5	8.14	63	178599	93.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.11%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	300772	45.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	215603	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%

Target Compounds

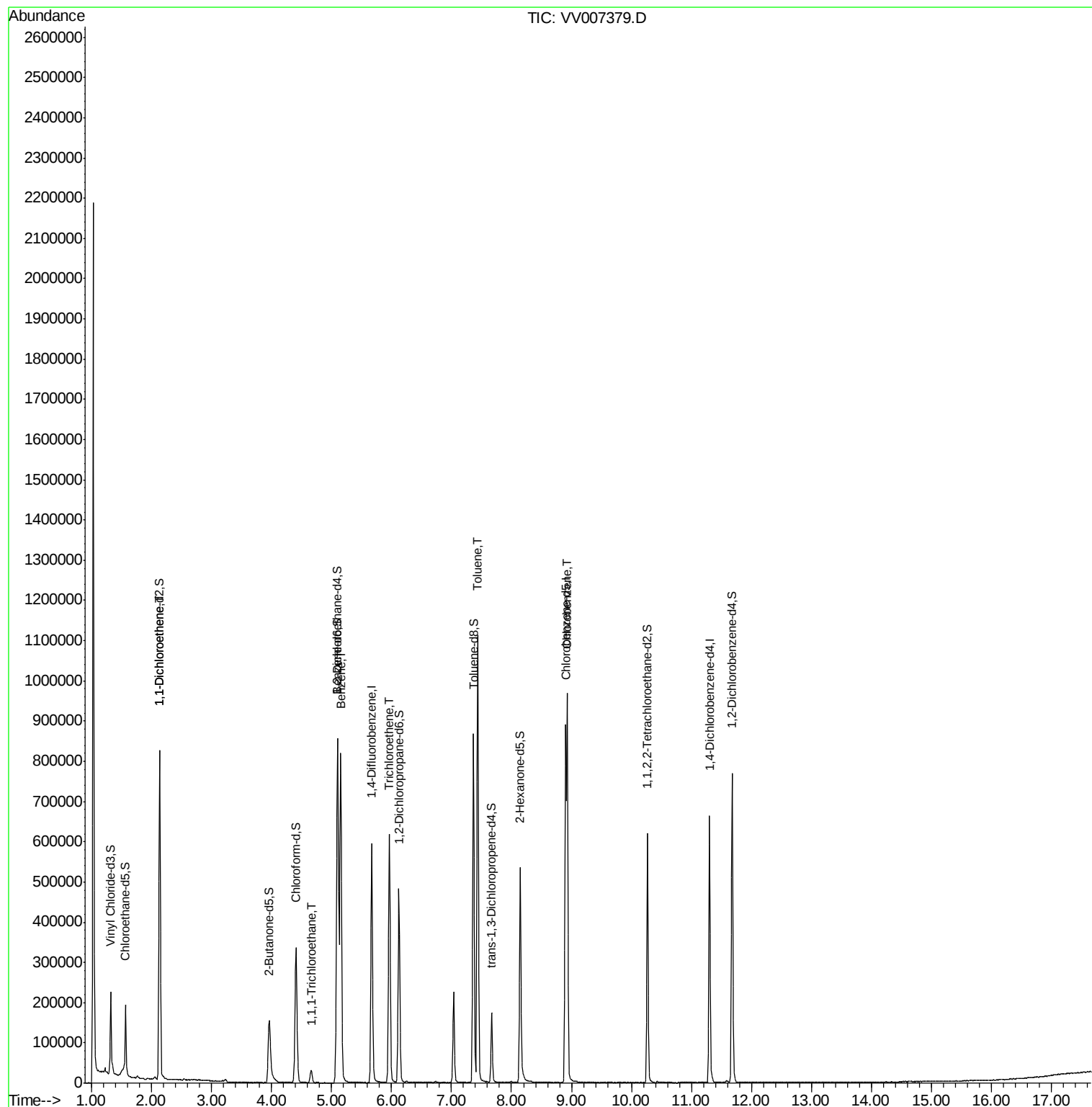
						Ovalue
12) 1,1-Dichloroethene	2.14	96	169488	52.24	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	24882	4.21	ug/L	100
33) Benzene	5.15	78	831771	53.68	ug/L	100
34) Trichloroethene	5.96	95	215209	56.89	ug/L	98
42) Toluene	7.44	91	802183	53.81	ug/L	99
51) Chlorobenzene	8.93	112	507965	50.46	ug/L	99

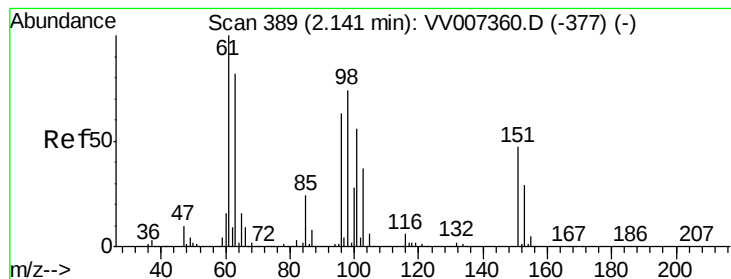
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 06 00:43:59 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 52.24 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

Instrument :

MSVOA_V

ClientSampleId :

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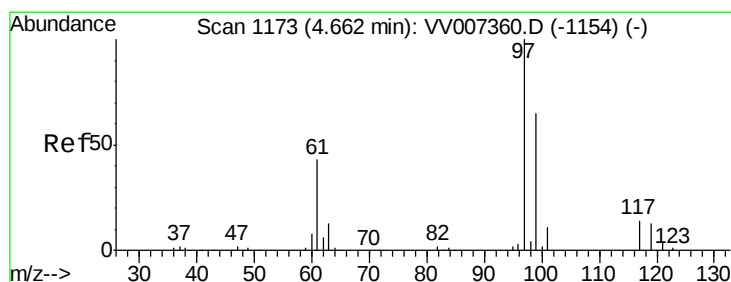
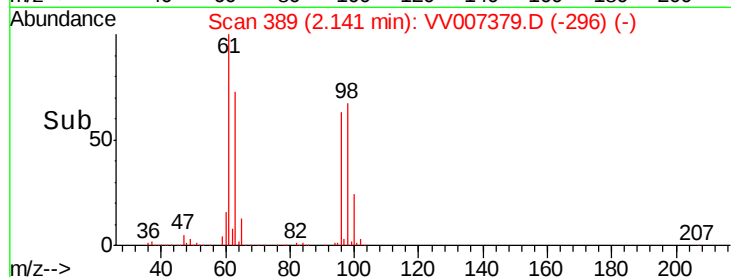
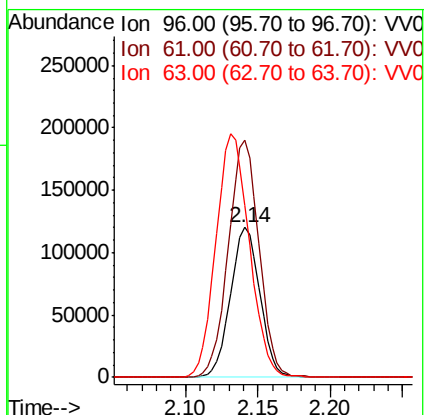
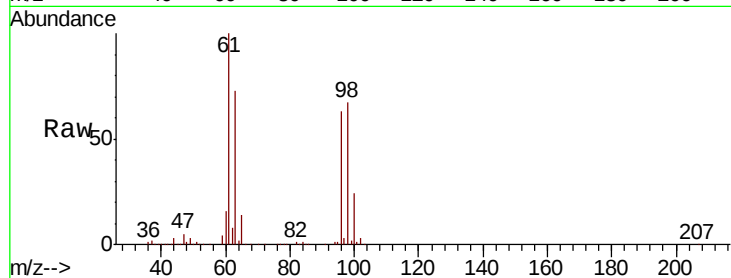
Tot Ion: 96 Resp: 169488

Ion Ratio Lower Upper

96 100

61 158.2 108.6 201.8

63 114.7 81.5 151.3



#30

1,1,1-Trichloroethane

Concen: 4.21 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

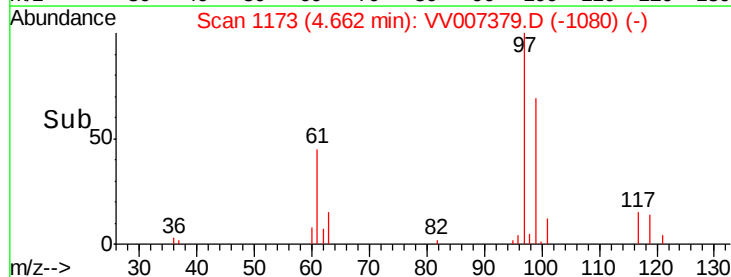
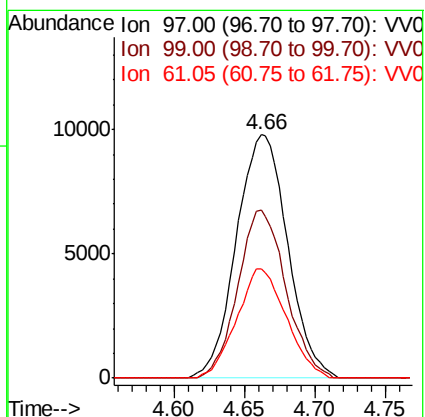
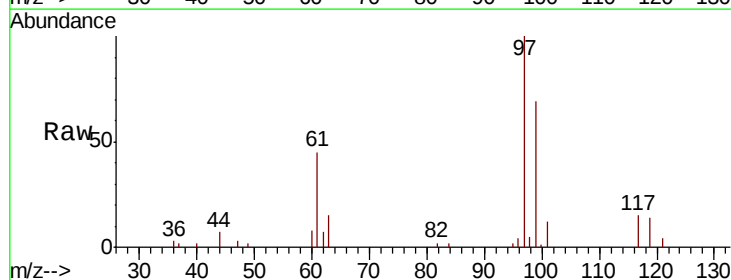
Tgt Ion: 97 Resp: 24882

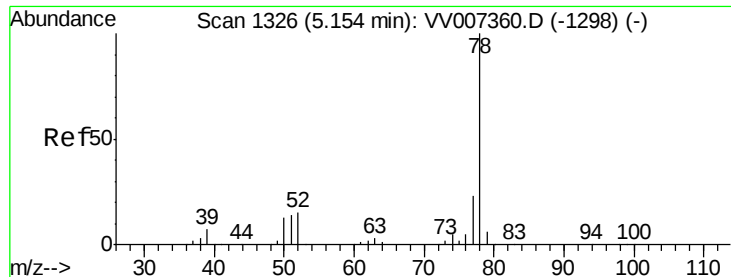
Ion Ratio Lower Upper

97 100

99 64.7 52.1 78.1

61 43.4 34.6 51.8





#33

Benzene

Concen: 53.68 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. -0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

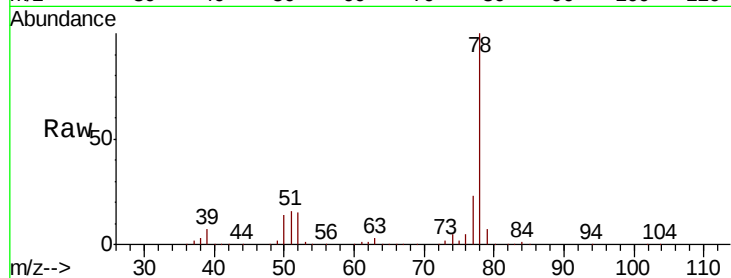
Instrument :

MSVOA_V

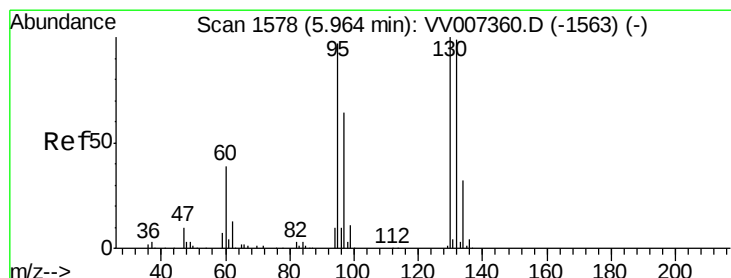
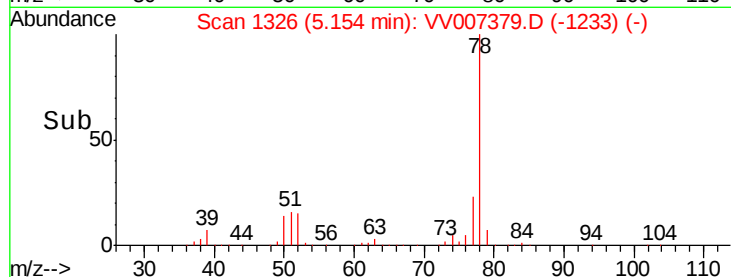
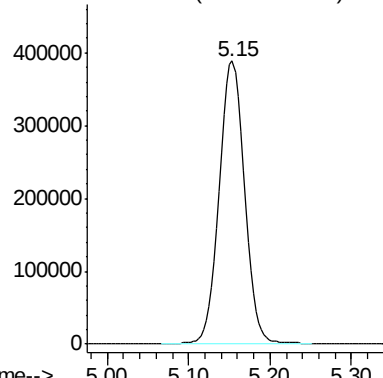
ClientSampleId :

E5FC5MSD

Tgt Ion: 78 Resp: 831771



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 56.89 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

Tgt Ion: 95 Resp: 215209

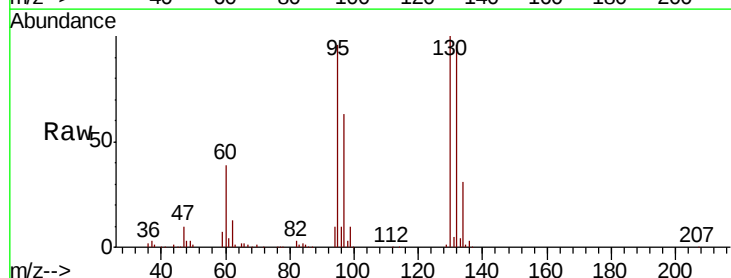
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.1	85.7
132	99.8	70.8	131.6
130	103.7	73.9	137.3

95 100

97 65.0 46.1 85.7

132 99.8 70.8 131.6

130 103.7 73.9 137.3

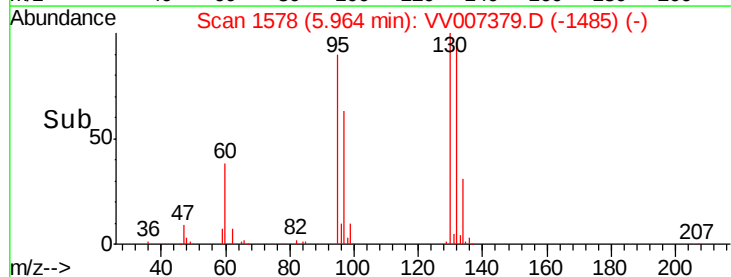
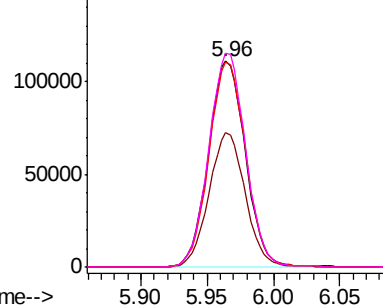


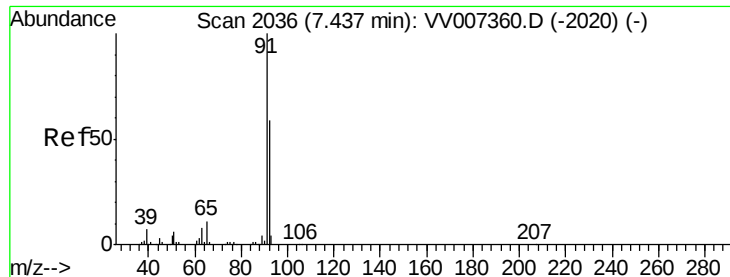
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 53.81 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

Instrument :

MSVOA_V

ClientSampleId :

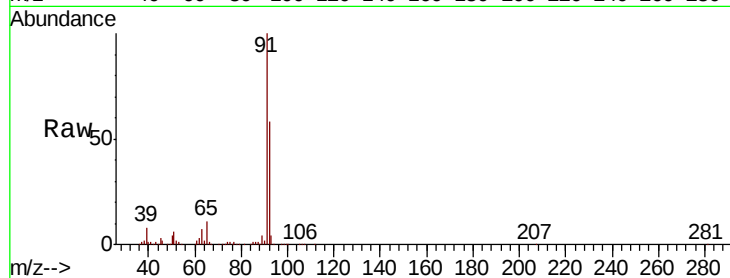
E5FC5MSD

Tot Ion: 91 Resp: 802183

Ion Ratio Lower Upper

91 100

92 58.5 41.3 76.7



Abundance Ion 91.00 (90.70 to 91.70): VV007360.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VV007360.D (-2020) (-)

7.44

500000

400000

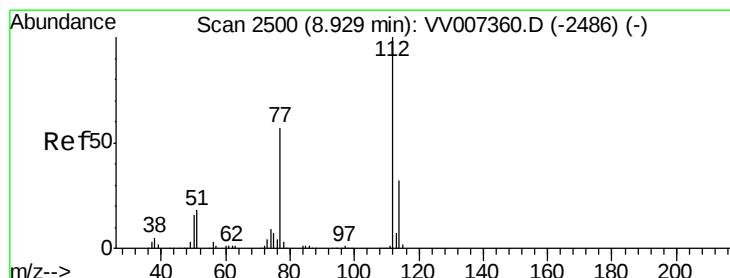
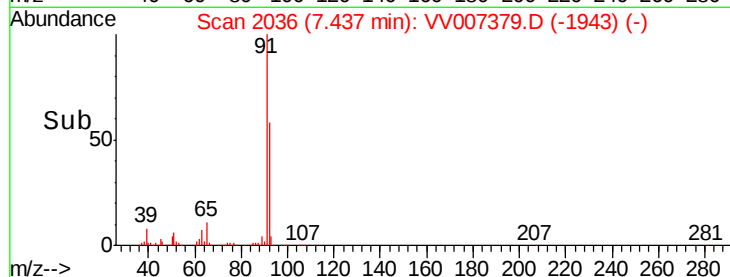
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 50.46 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV007379.D

Acq: 05 Sep 2018 12:52

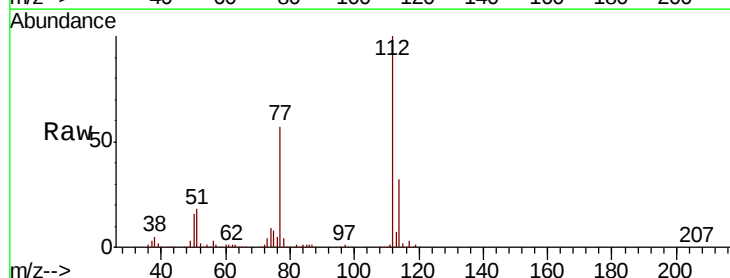
Tgt Ion: 112 Resp: 507965

Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.7

77 57.1 46.5 69.7



Abundance Ion 112.00 (111.70 to 112.70): VV007360.D (-2486) (-)

Ion 114.00 (113.70 to 114.70): VV007360.D (-2486) (-)

Ion 77.00 (76.70 to 77.70): VV007360.D (-2486) (-)

8.93

400000

300000

200000

100000

0

Time-->

