

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV082518\
 Data File : VV007205.D
 Acq On : 25 Aug 2018 15:42
 Operator : SY/MD
 Sample : J4645-03MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOM0MSD

Quant Time: Sep 12 18:28:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	678405	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	675217	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	284338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	204225	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.72%
7) Chloroethane-d5	1.58	69	180347	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.34%
11) 1,1-Dichloroethene-d2	2.13	63	402574	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.12%
21) 2-Butanone-d5	3.96	46	330357	93.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.03%
24) Chloroform-d	4.41	84	439231	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
26) 1,2-Dichloroethane-d4	5.09	65	280565	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.11	84	883711	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.12	67	298453	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.37	98	729717	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%
43) trans-1,3-Dichloropropene-	7.67	79	125633	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
47) 2-Hexanone-d5	8.14	63	164291	82.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	393410	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	289499	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

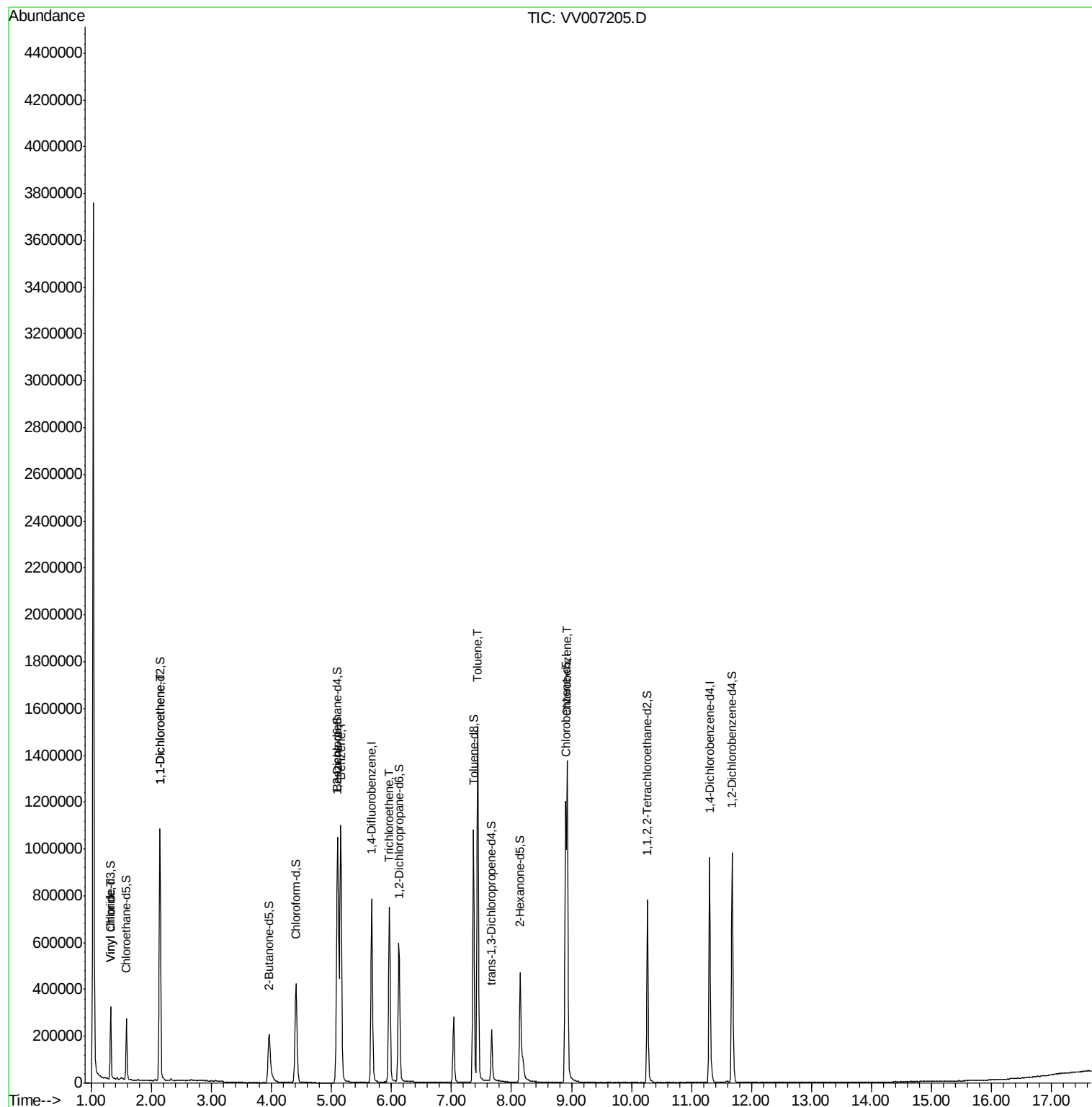
					Ovalue
5) Vinyl chloride	1.32	62	8652	1.52 ug/L	# 50
12) 1,1-Dichloroethene	2.14	96	232324	55.36 ug/L	95
33) Benzene	5.15	78	1126550	53.87 ug/L	100
34) Trichloroethene	5.96	95	258077	50.75 ug/L	99
42) Toluene	7.44	91	1118609	55.17 ug/L	98
51) Chlorobenzene	8.93	112	735745	53.67 ug/L	98

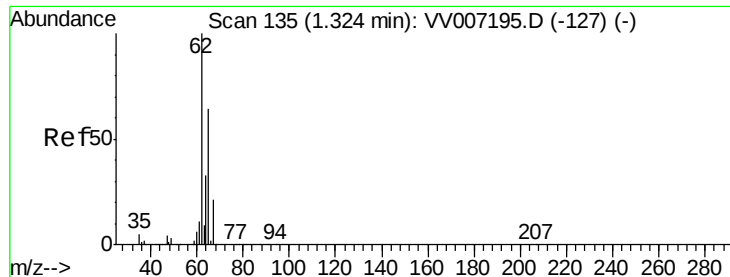
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.52 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

Instrument :

MSVOA_V

ClientSampled :

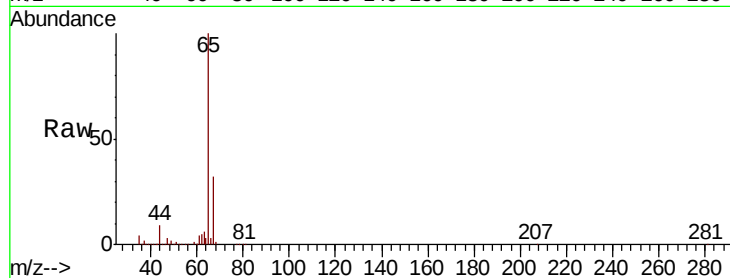
ETOM0MSD

Tot Ion: 62 Resp: 8652

Ion Ratio Lower Upper

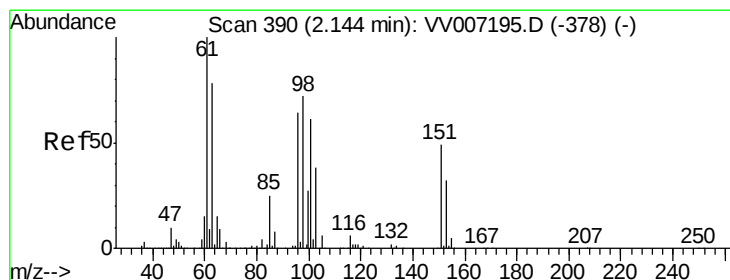
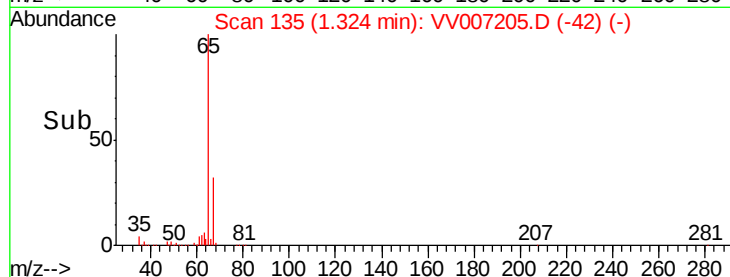
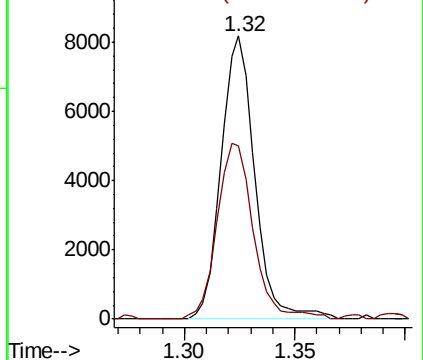
62 100

64 61.0 22.9 42.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 55.36 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

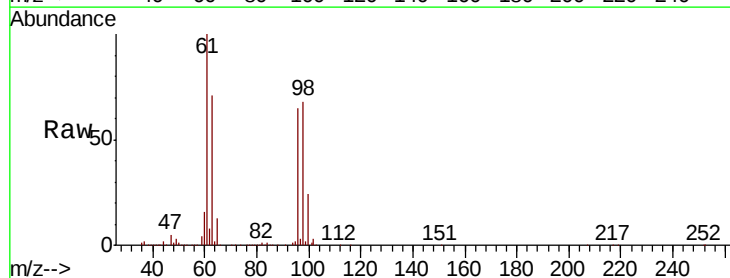
Tgt Ion: 96 Resp: 232324

Ion Ratio Lower Upper

96 100

61 154.9 108.5 201.5

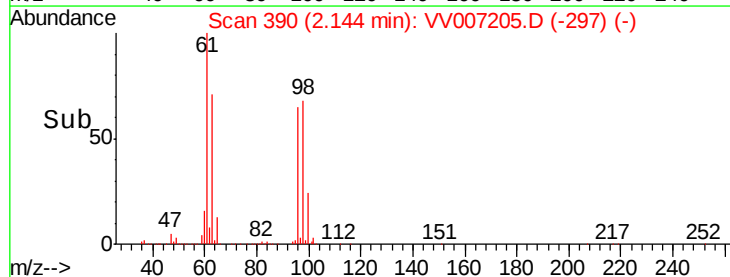
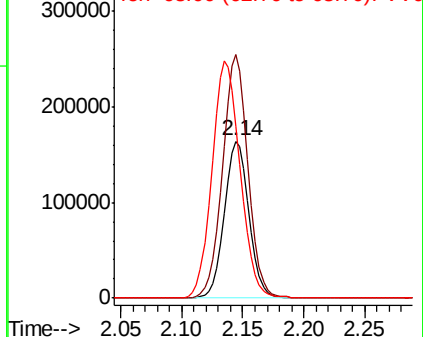
63 109.7 84.9 157.7

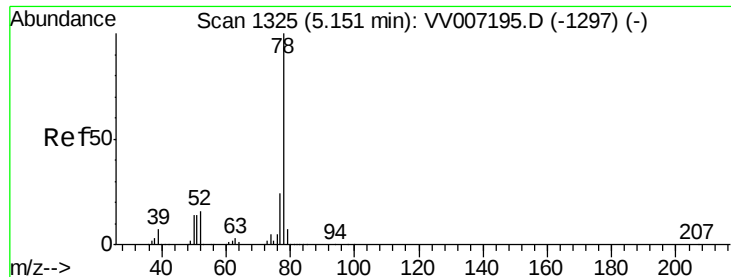


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 53.87 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

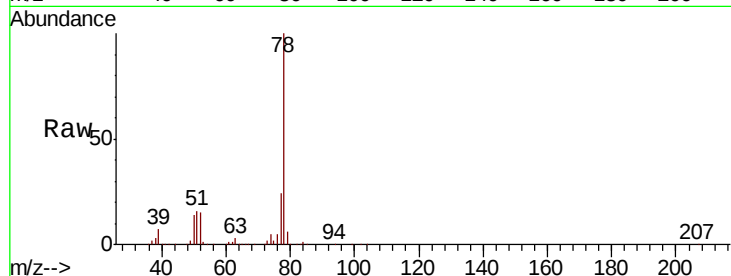
Instrument :

MSVOA_V

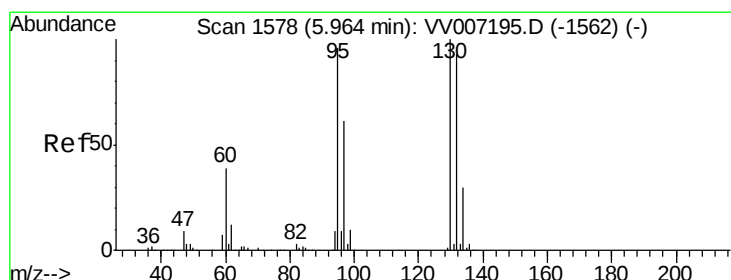
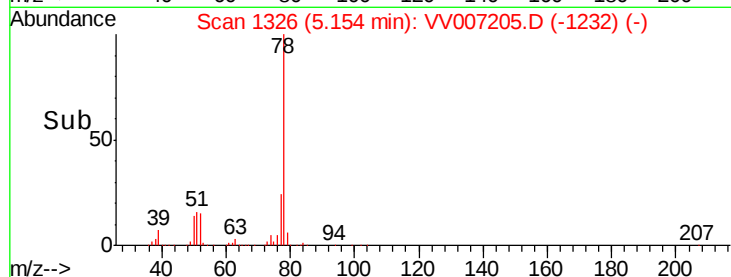
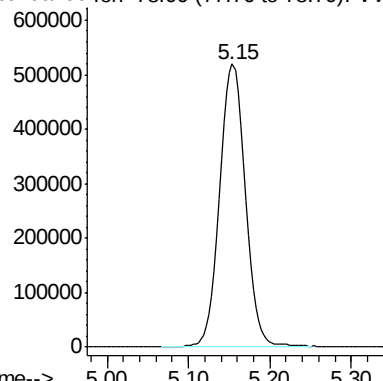
ClientSampleId :

ETOM0MSD

Tgt Ion: 78 Resp: 1126550



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 50.75 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

Tgt Ion: 95 Resp: 258077

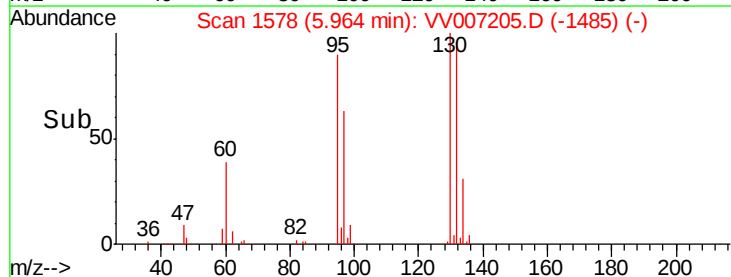
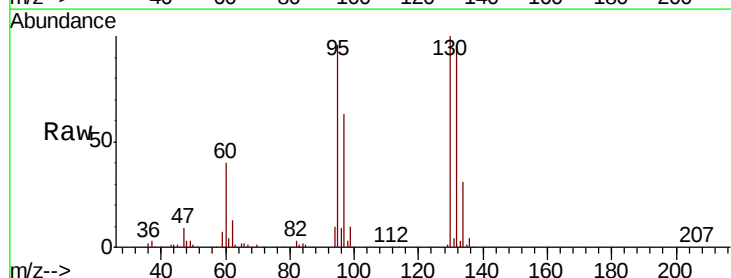
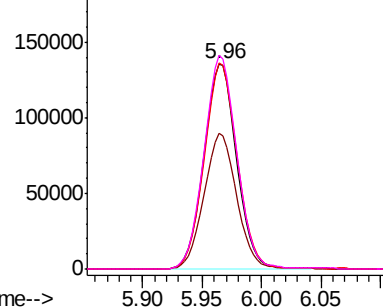
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.4	84.2
132	100.2	70.8	131.4
130	104.0	71.7	133.3

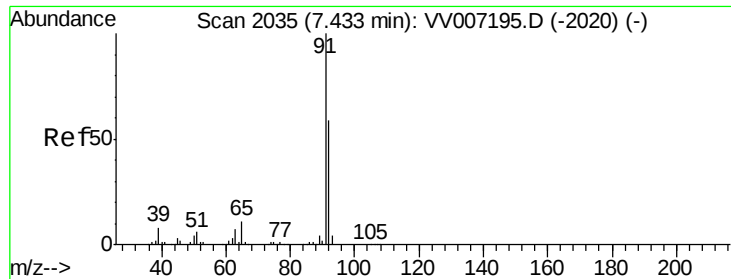
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#42

Toluene

Concen: 55.17 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

Instrument :

MSVOA_V

ClientSampleId :

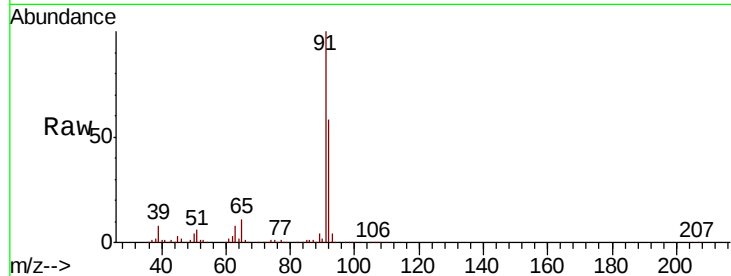
ETOM0MSD

Tot Ion: 91 Resp: 1118609

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VV007195.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VV007195.D (-2020) (-)

7.44

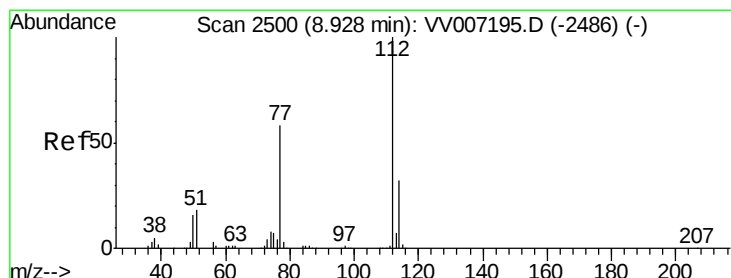
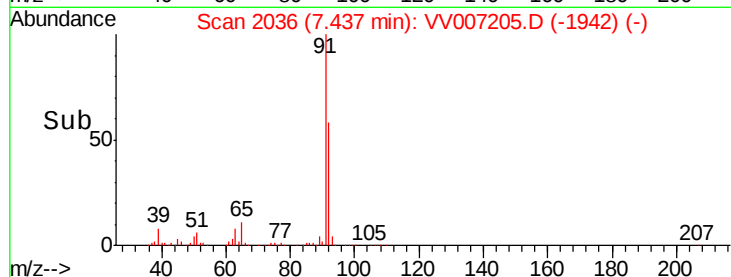
600000

400000

200000

0

Time--> 7.30 7.40 7.50 7.60



#51

Chlorobenzene

Concen: 53.67 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV007205.D

Acq: 25 Aug 2018 15:42

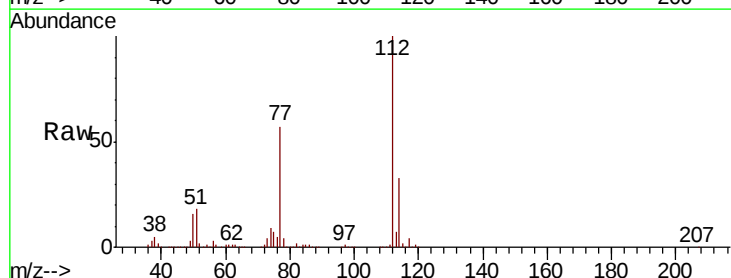
Tgt Ion: 112 Resp: 735745

Ion Ratio Lower Upper

112 100

114 32.8 22.0 40.8

77 57.0 46.4 69.6



Abundance Ion 112.00 (111.70 to 112.70): VV007195.D (-2486) (-)

Ion 114.00 (113.70 to 114.70): VV007195.D (-2486) (-)

Ion 77.00 (76.70 to 77.70): VV007195.D (-2486) (-)

600000

500000

400000

300000

200000

100000

0

Time--> 8.80 8.90 9.00 9.10

