

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007791.D
 Acq On : 23 Sep 2018 16:22
 Operator : SY/MD
 Sample : J5014-06MSD
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JB4MSD

Quant Time: Sep 24 08:23:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109543	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36491	34.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.64%
7) Chloroethane-d5	1.58	69	37738	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.26%
11) 1,1-Dichloroethene-d2	2.14	63	104716	42.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.76%
21) 2-Butanone-d5	3.95	46	64288	92.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.88%
24) Chloroform-d	4.41	84	92138	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	5.09	65	62931	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
32) Benzene-d6	5.11	84	183821	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
36) 1,2-Dichloropropane-d6	6.13	67	55091	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.04%
41) Toluene-d8	7.36	98	188764	42.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.26%
43) trans-1,3-Dichloropropene-	7.67	79	24981	39.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.20%
47) 2-Hexanone-d5	8.14	63	53580	97.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.23%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89884	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	101347	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%

Target Compounds

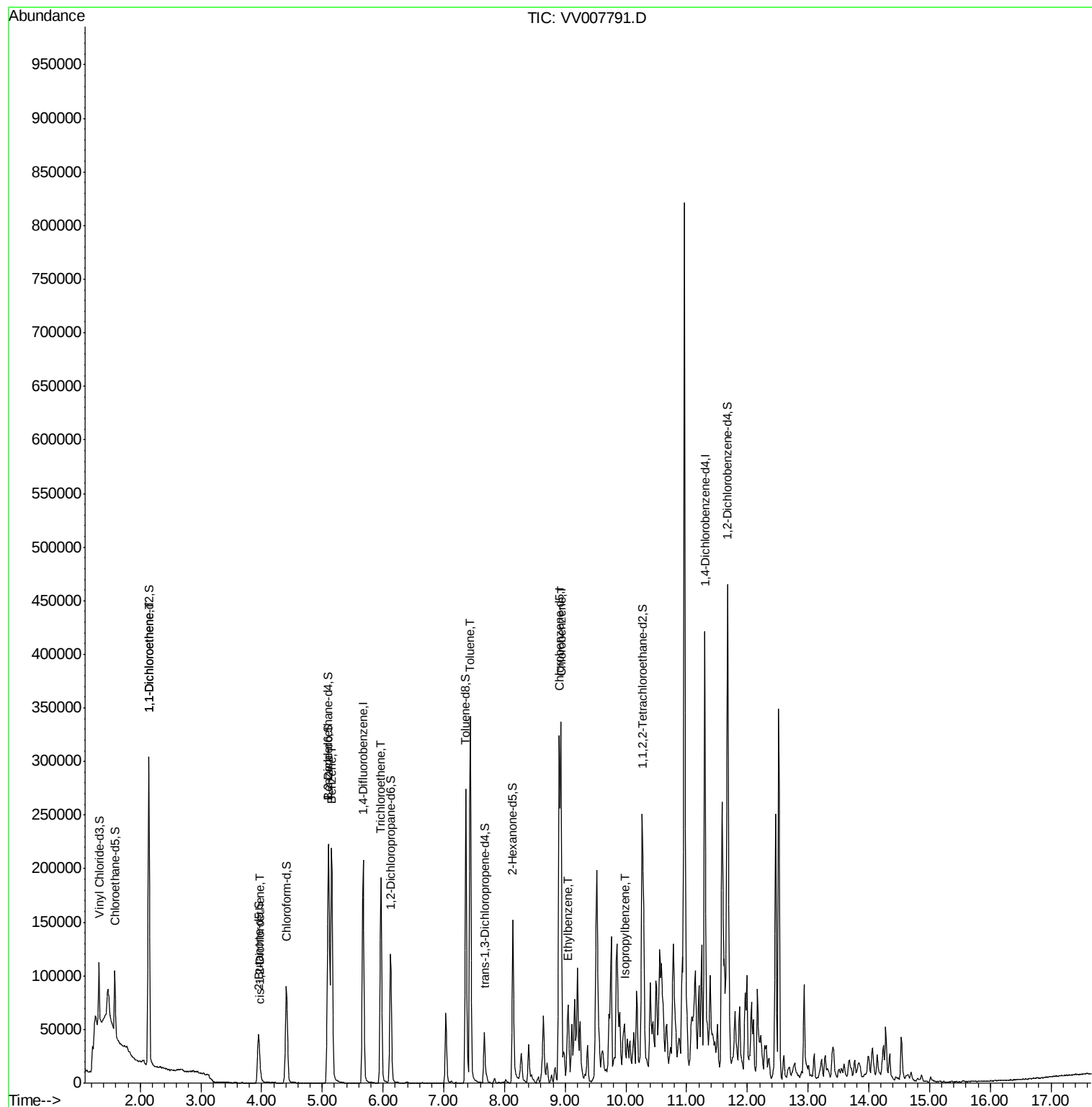
					Ovalue
12) 1,1-Dichloroethene	2.15	96	62315	48.723 ug/L	94
20) cis-1,2-Dichloroethene	3.97	96	3027	2.339 ug/L	99
33) Benzene	5.15	78	215862	48.883 ug/L	100
34) Trichloroethene	5.96	95	62353	47.744 ug/L	99
42) Toluene	7.44	91	256654	49.032 ug/L	100
51) Chlorobenzene	8.93	112	182067	48.288 ug/L	99
52) Ethylbenzene	9.06	91	8372	1.415 ug/L	95
56) Isopropylbenzene	9.98	105	25864	4.152 ug/L	99

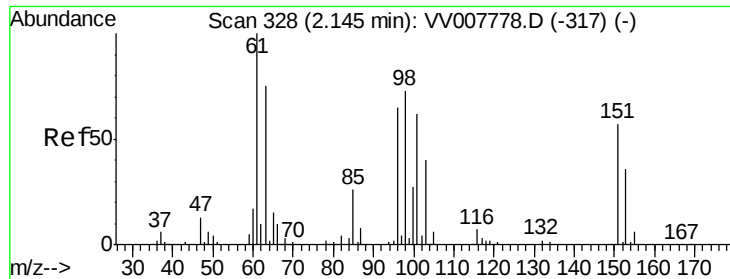
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 48.723 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV007791.D

Acq: 23 Sep 2018 16:22

Instrument :

MSVOA_V

ClientSampleId :

E8JB4MSD

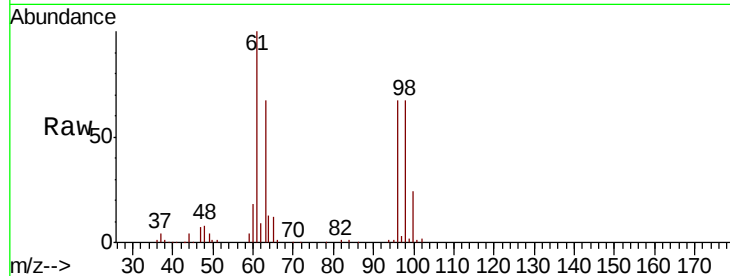
Tot Ion: 96 Resp: 62315

Ion Ratio Lower Upper

96 100

61 150.1 107.3 199.3

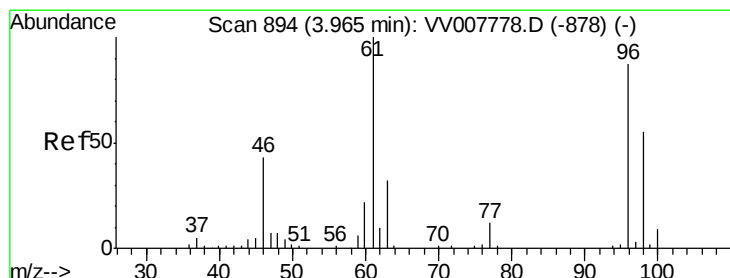
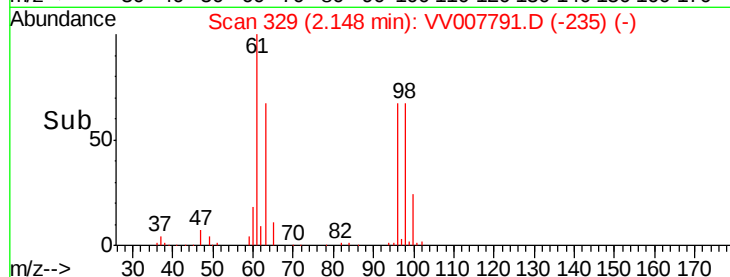
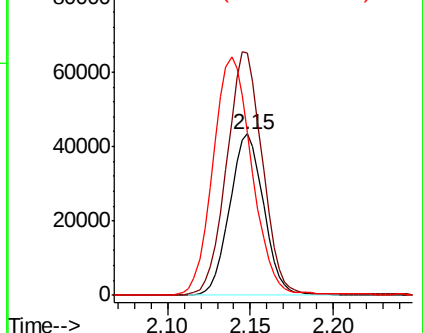
63 100.9 78.8 146.4



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



#20

cis-1,2-Dichloroethene

Concen: 2.339 ug/L

RT: 3.97 min Scan# 897

Delta R.T. 0.01 min

Lab File: VV007791.D

Acq: 23 Sep 2018 16:22

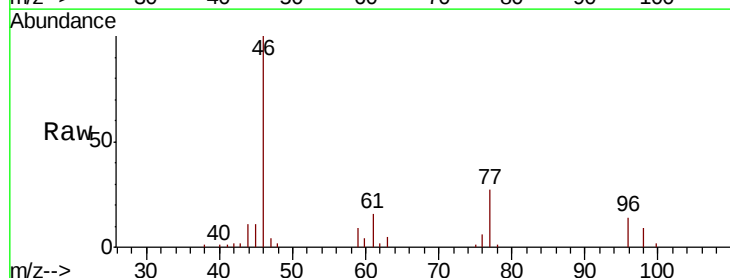
Tgt Ion: 96 Resp: 3027

Ion Ratio Lower Upper

96 100

61 113.0 78.8 146.3

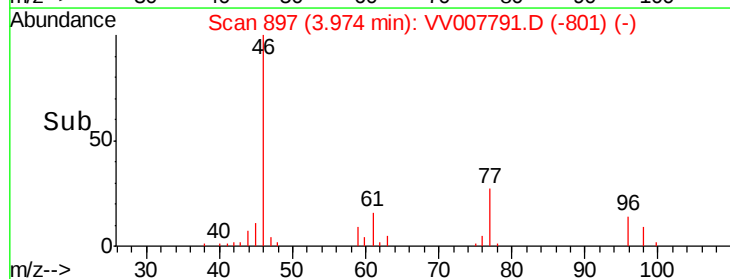
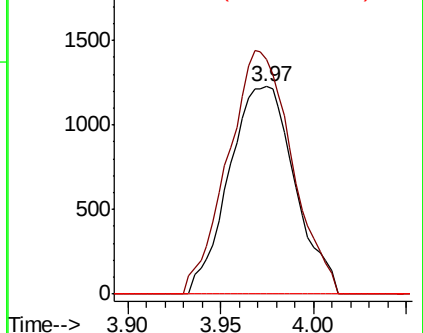
68 0.0 0.0 0.0

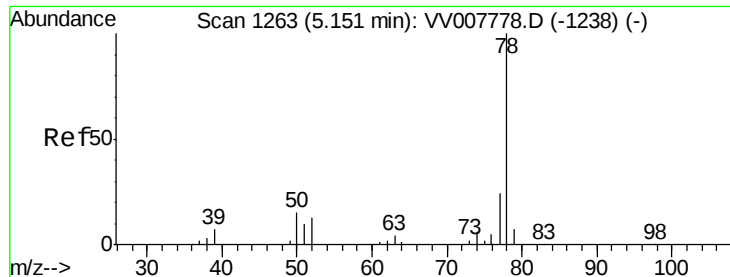


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#33

Benzene

Concen: 48.883 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VV007791.D

Acq: 23 Sep 2018 16:22

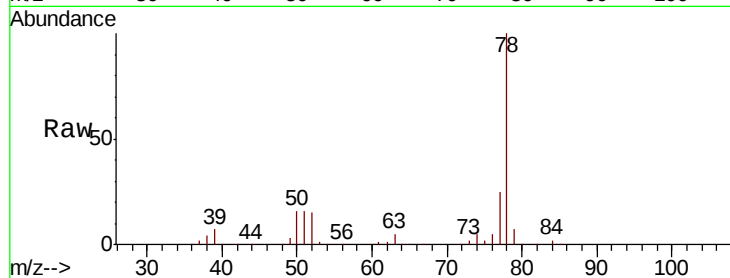
Instrument :

MSVOA_V

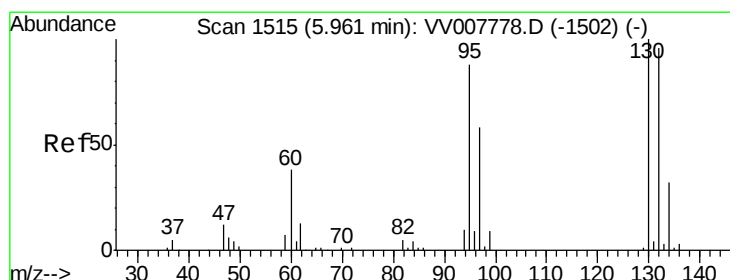
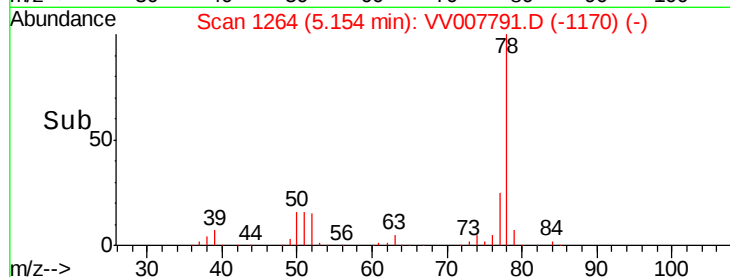
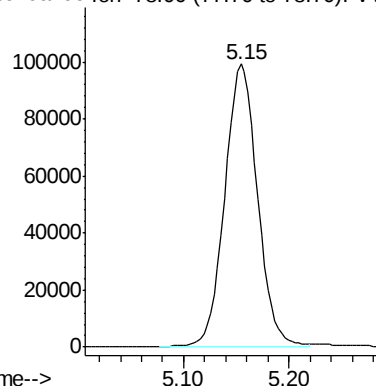
ClientSampled :

E8JB4MSD

Tgt Ion: 78 Resp: 215862



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 47.744 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007791.D

Acq: 23 Sep 2018 16:22

Tgt Ion: 95 Resp: 62353

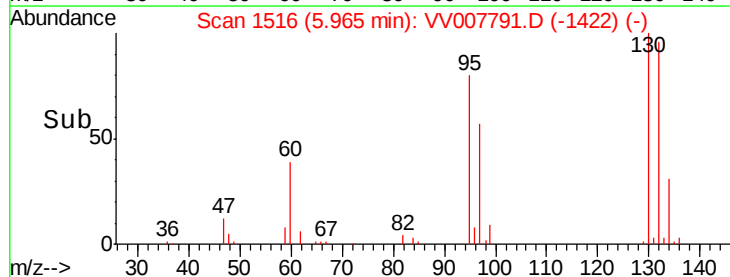
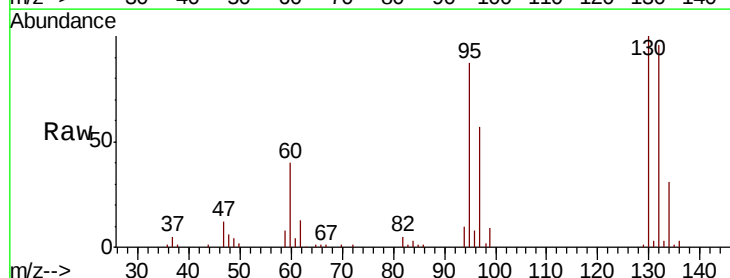
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.2	84.0
132	110.6	77.7	144.3
130	115.3	79.7	148.1

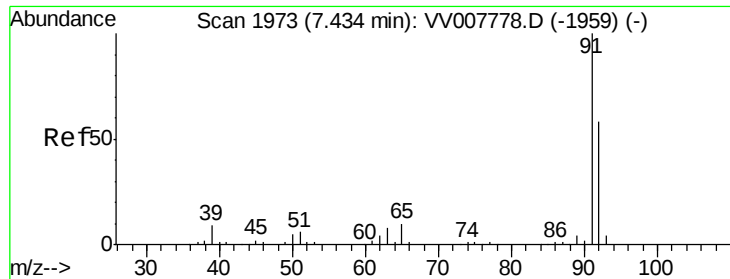
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 49.032 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007791.D

Acq: 23 Sep 2018 16:22

Instrument :

MSVOA_V

ClientSampleId :

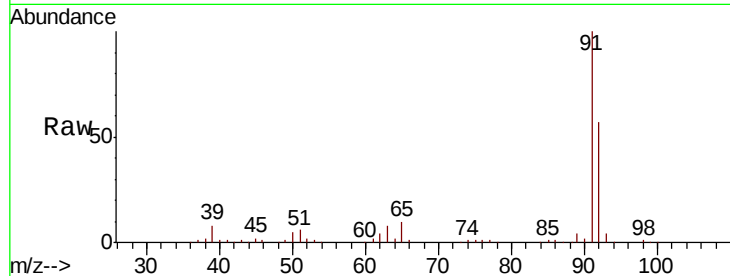
E8JB4MSD

Tot Ion: 91 Resp: 256654

Ion Ratio Lower Upper

91 100

92 57.0 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VV007778.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV007791.D (-2345) (-)

7.44

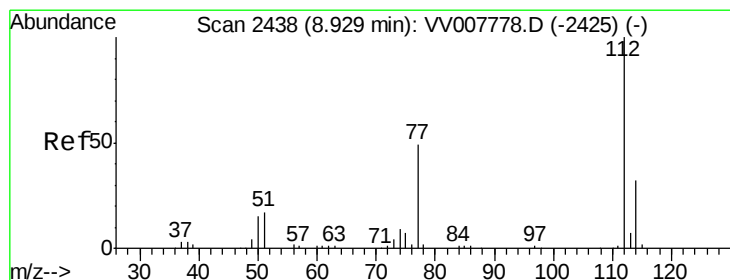
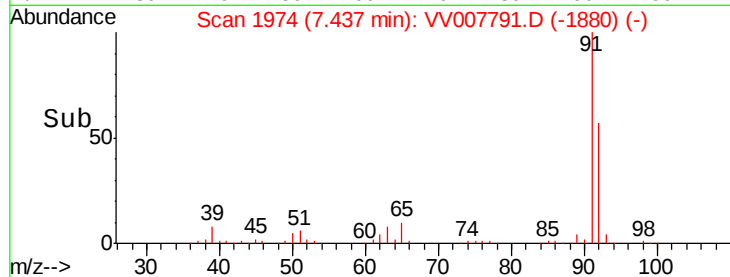
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 48.288 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007791.D

Acq: 23 Sep 2018 16:22

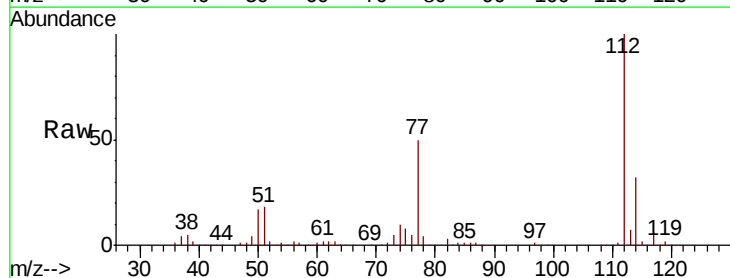
Tgt Ion: 112 Resp: 182067

Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 50.2 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): VV007778.D (-2425) (-)

Ion 114.00 (113.70 to 114.70): VV007791.D (-2345) (-)

Ion 77.00 (76.70 to 77.70): VV007791.D (-2345) (-)

8.93

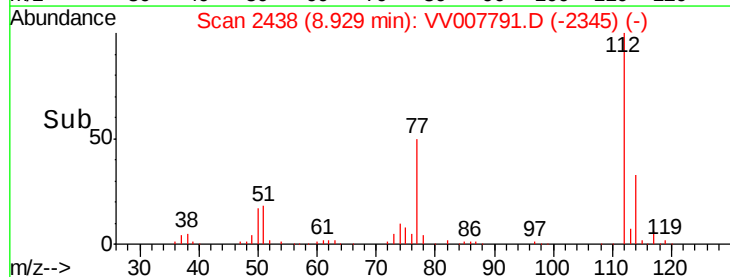
150000

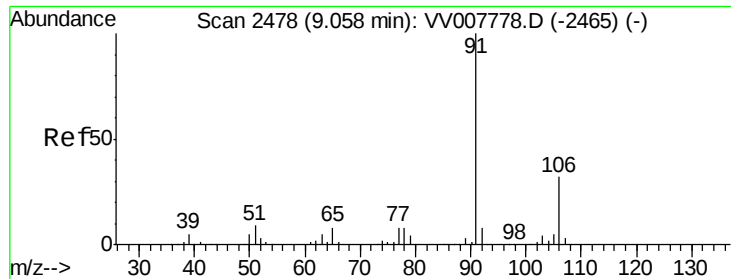
100000

50000

0

Time-->

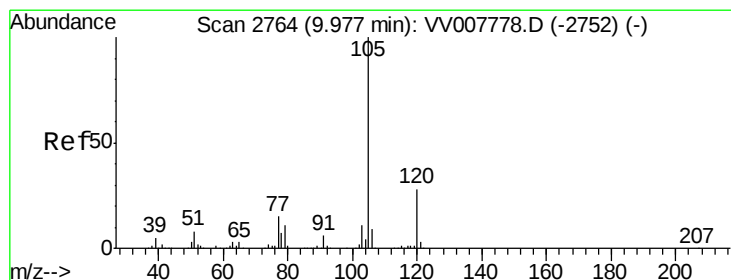
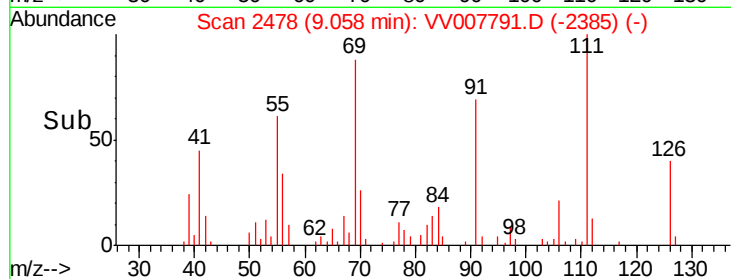
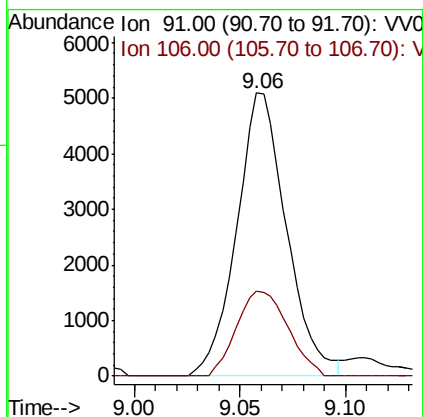
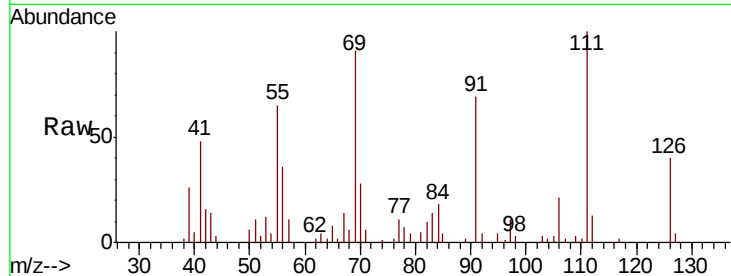




#52
Ethylbenzene
Concen: 1.415 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Instrument :
MSVOA_V
ClientSampleId :
E8JB4MSD

Tot Ion: 91 Resp: 8372
Ion Ratio Lower Upper
91 100
106 29.8 22.7 42.1



#56
Isopropylbenzene
Concen: 4.152 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV007791.D
Acq: 23 Sep 2018 16:22

Tgt Ion: 105 Resp: 25864
Ion Ratio Lower Upper
105 100
120 27.8 22.0 33.0
77 15.9 12.1 18.1

