

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007758.D
 Acq On : 23 Sep 2018 01:21
 Operator : SY/MD
 Sample : J5012-03 500X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K5

Quant Time: Sep 24 04:50:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188066	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180546	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98892	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37953	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.26%
7) Chloroethane-d5	1.59	69	39519	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.10%
11) 1,1-Dichloroethene-d2	2.14	63	77438	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	3.95	46	59498	88.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.41	84	90478	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
26) 1,2-Dichloroethane-d4	5.09	65	60912	43.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.28%
32) Benzene-d6	5.11	84	182012	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
36) 1,2-Dichloropropane-d6	6.13	67	53117	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.68%
41) Toluene-d8	7.36	98	184855	42.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.26%
43) trans-1,3-Dichloropropene-	7.67	79	21181	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.56%
47) 2-Hexanone-d5	8.14	63	45350	84.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.03%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80149	41.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	89536	44.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.02%

Target Compounds

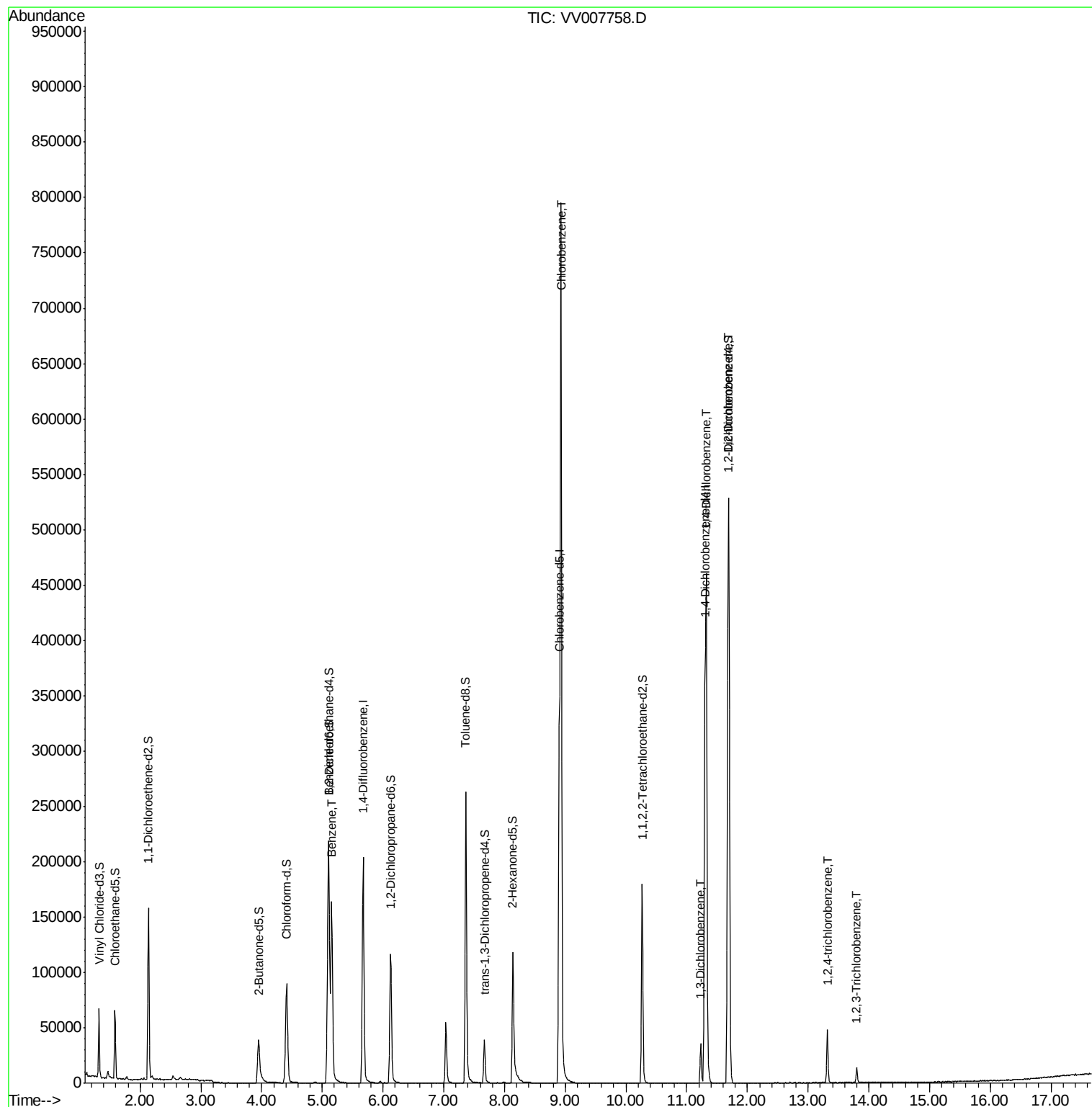
					Ovalue
33) Benzene	5.15	78	161075	37.246	ug/L 100
51) Chlorobenzene	8.93	112	446706	120.974	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	16077	5.127	ug/L 99
63) 1,4-Dichlorobenzene	11.32	146	187068	57.518	ug/L 98
65) 1,2-Dichlorobenzene	11.69	146	192979	60.867	ug/L 99
68) 1,2,4-trichlorobenzene	13.32	180	16321	6.905	ug/L 99
70) 1,2,3-Trichlorobenzene	13.80	180	5013	2.098	ug/L 97

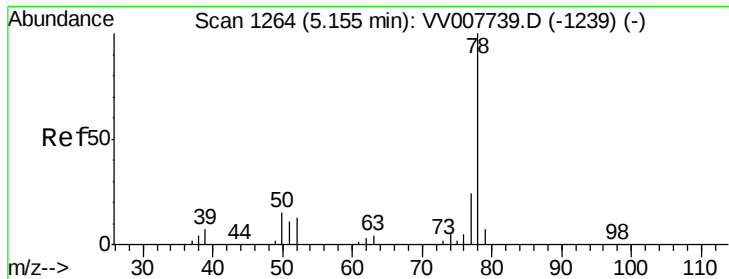
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration





#33

Benzene

Concen: 37.246 ug/L

RT: 5.15 min Scan# 1264

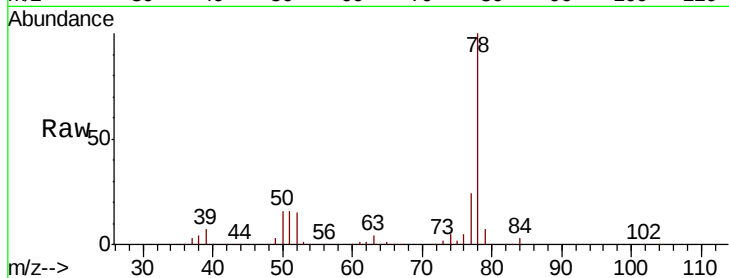
Delta R.T. -0.00 min

Lab File: VV007758.D

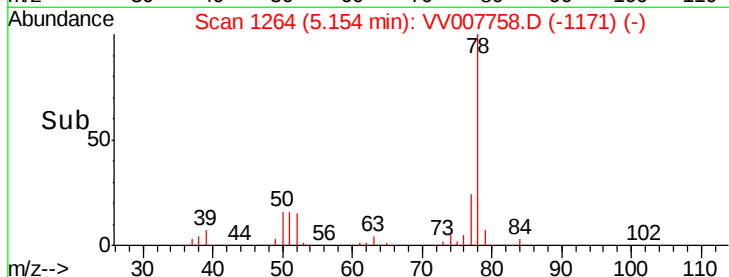
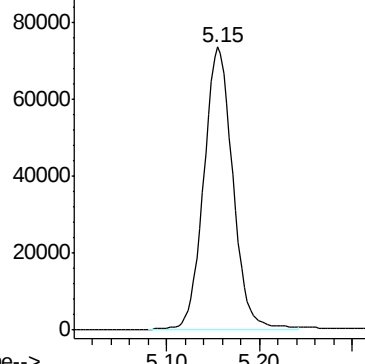
Acq: 23 Sep 2018 01:21

Instrument :
MSVOA_V
ClientSampled :
C08K5

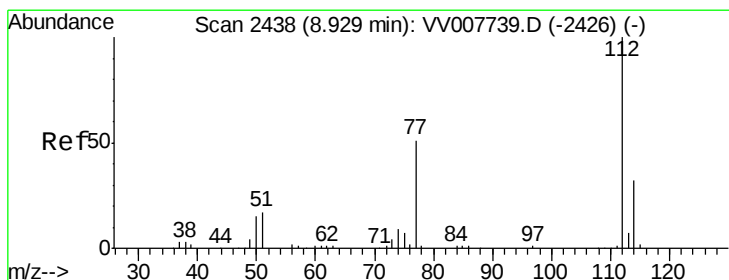
Tgt Ion: 78 Resp: 161075



Abundance Ion 78.00 (77.70 to 78.70): VV0



Time-->



#51

Chlorobenzene

Concen: 120.974 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

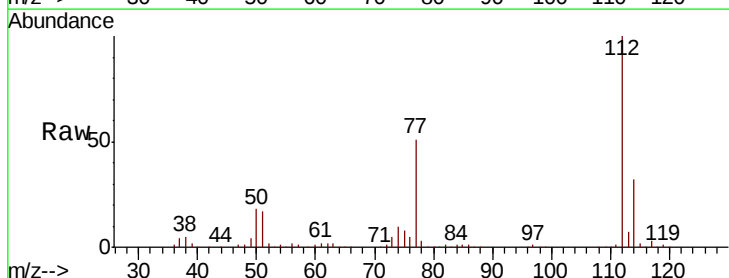
Tgt Ion: 112 Resp: 446706

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	50.5	40.6	60.8

112 100

114 32.4 22.3 41.3

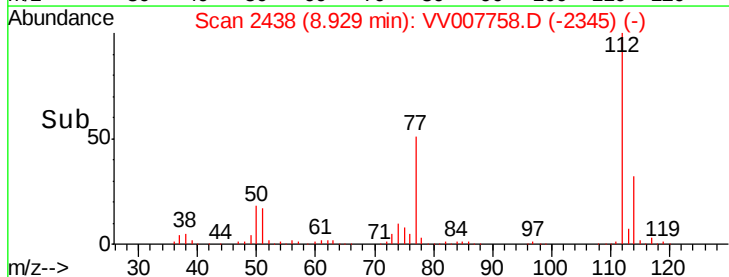
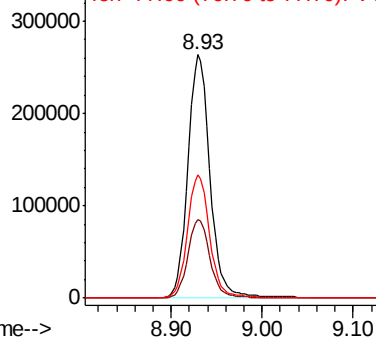
77 50.5 40.6 60.8



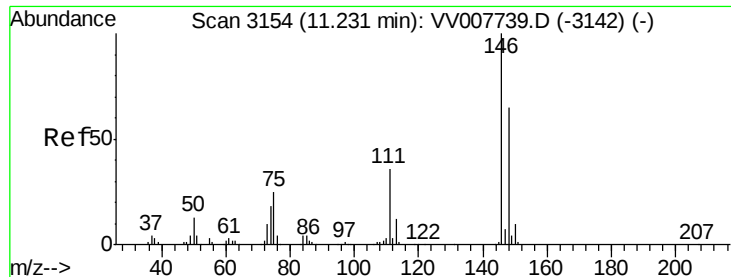
Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0



Time-->



#62

1,3-Dichlorobenzene

Concen: 5.127 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

Instrument :

MSVOA_V

ClientSampleId :

C08K5

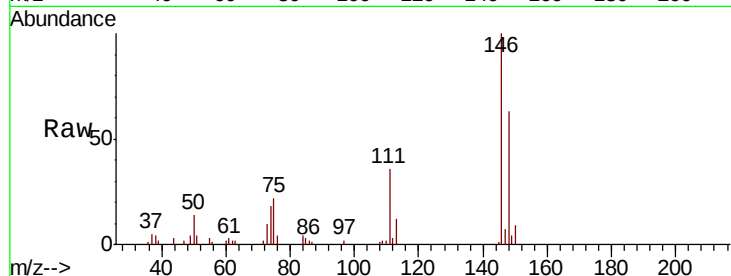
Tot Ion:146 Resp: 16077

Ion Ratio Lower Upper

146 100

111 36.3 25.1 46.7

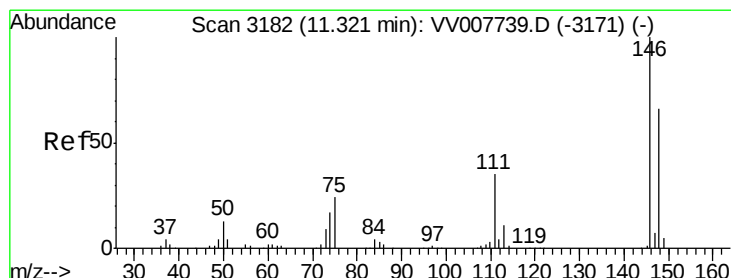
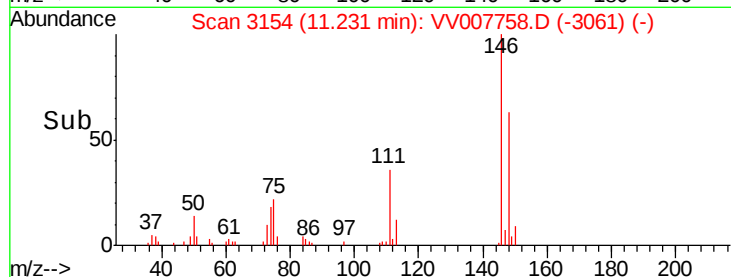
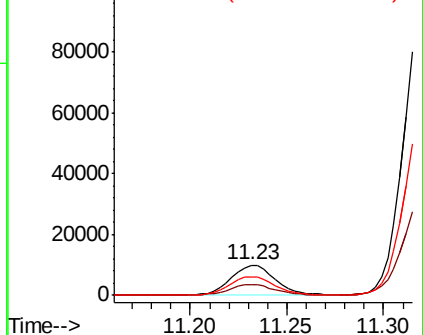
148 62.9 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 57.518 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

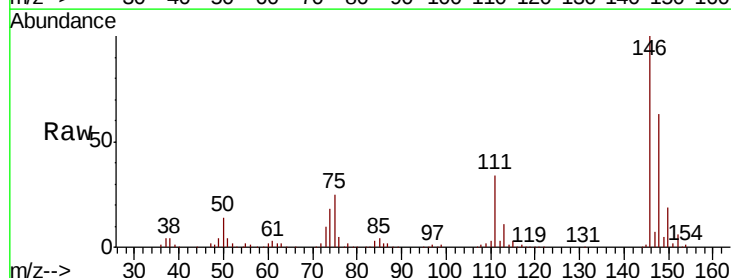
Tgt Ion:146 Resp: 187068

Ion Ratio Lower Upper

146 100

111 33.8 24.4 45.4

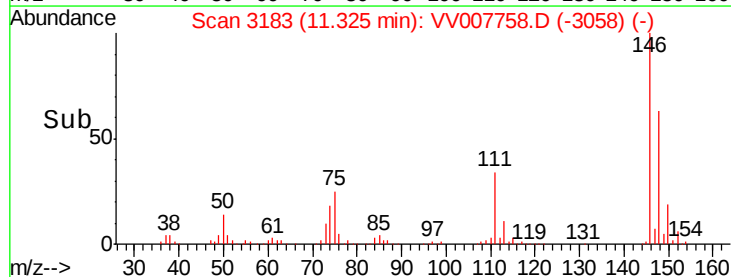
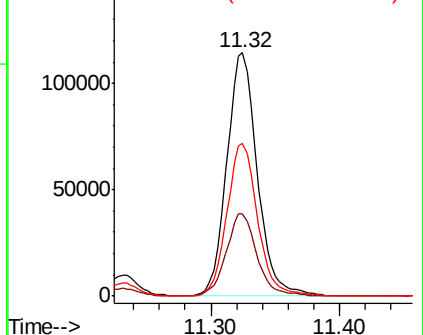
148 62.9 45.1 83.7

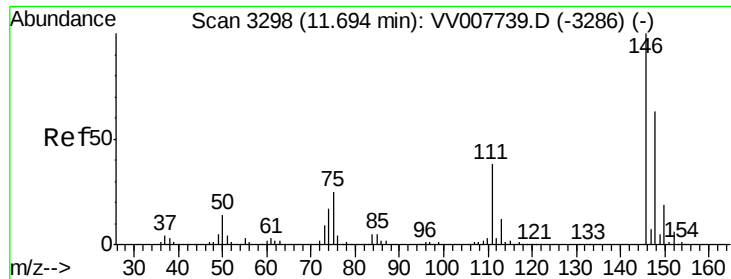


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 60.867 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

Instrument :

MSVOA_V

ClientSampleId :

C08K5

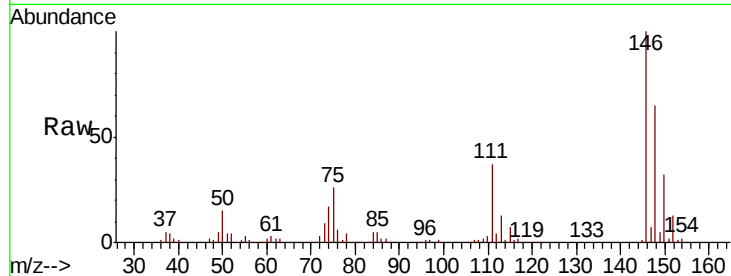
Tot Ion:146 Resp: 192979

Ion Ratio Lower Upper

146 100

111 37.3 29.8 44.8

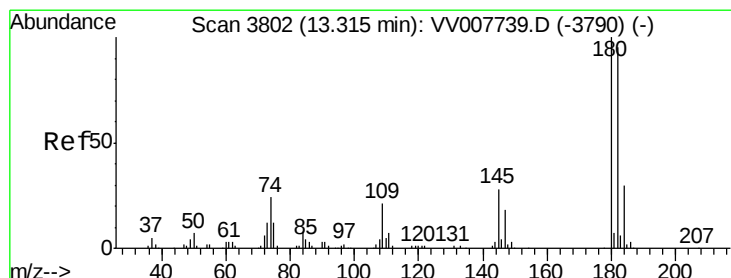
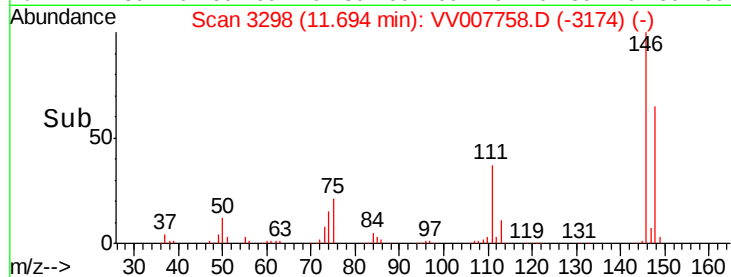
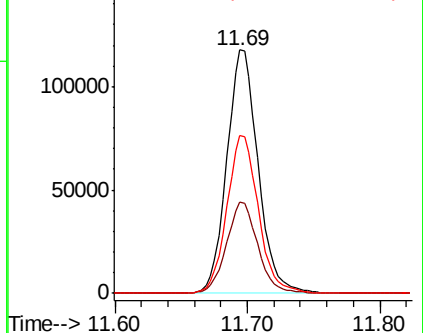
148 64.8 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 6.905 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.00 min

Lab File: VV007758.D

Acq: 23 Sep 2018 01:21

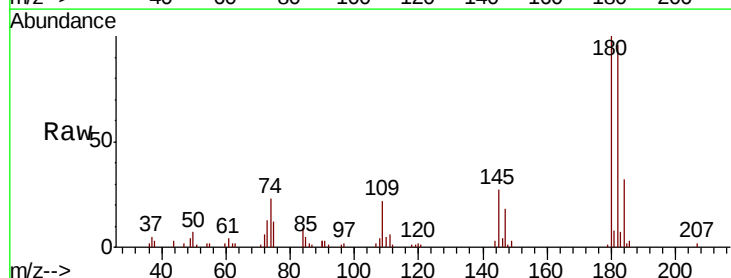
Tgt Ion:180 Resp: 16321

Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.6

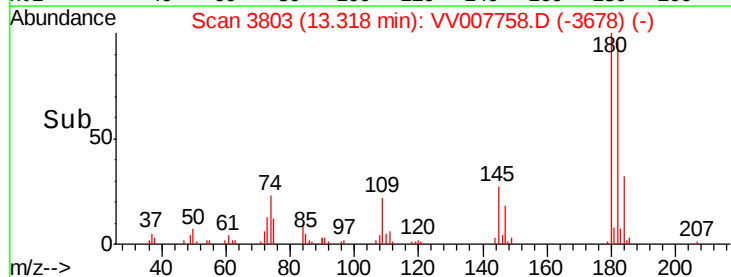
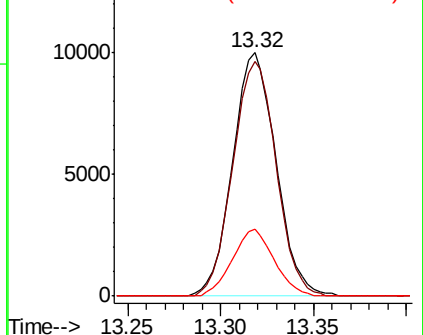
145 26.1 22.2 33.2

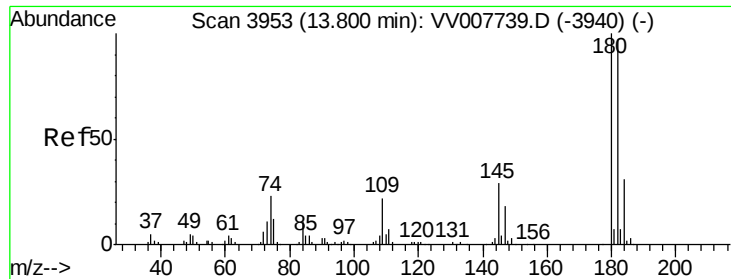


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 2.098 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. -0.00 min
 Lab File: VV007758.D
 Acq: 23 Sep 2018 01:21

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K5

Tot Ion	Ratio	Lower	Upper
180	100		
182	100.1	77.4	116.2
145	28.9	23.3	34.9

