

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007780.D
 Acq On : 23 Sep 2018 11:49
 Operator : SY/MD
 Sample : J5013-11 20X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M7

Quant Time: Sep 24 07:38:50 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	182710	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175748	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36582	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.68%
7) Chloroethane-d5	1.59	69	37916	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.04%
11) 1,1-Dichloroethene-d2	2.14	63	74186	31.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.38%
21) 2-Butanone-d5	3.95	46	57636	87.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.88%
24) Chloroform-d	4.41	84	89369	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
26) 1,2-Dichloroethane-d4	5.09	65	60698	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
32) Benzene-d6	5.10	84	178716	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
36) 1,2-Dichloropropane-d6	6.12	67	52855	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.62%
41) Toluene-d8	7.36	98	183304	43.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.84%
43) trans-1,3-Dichloropropene-	7.67	79	21836	36.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.62%
47) 2-Hexanone-d5	8.14	63	45805	87.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.19%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77797	41.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.56%
64) 1,2-Dichlorobenzene-d4	11.68	152	90677	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%

Target Compounds

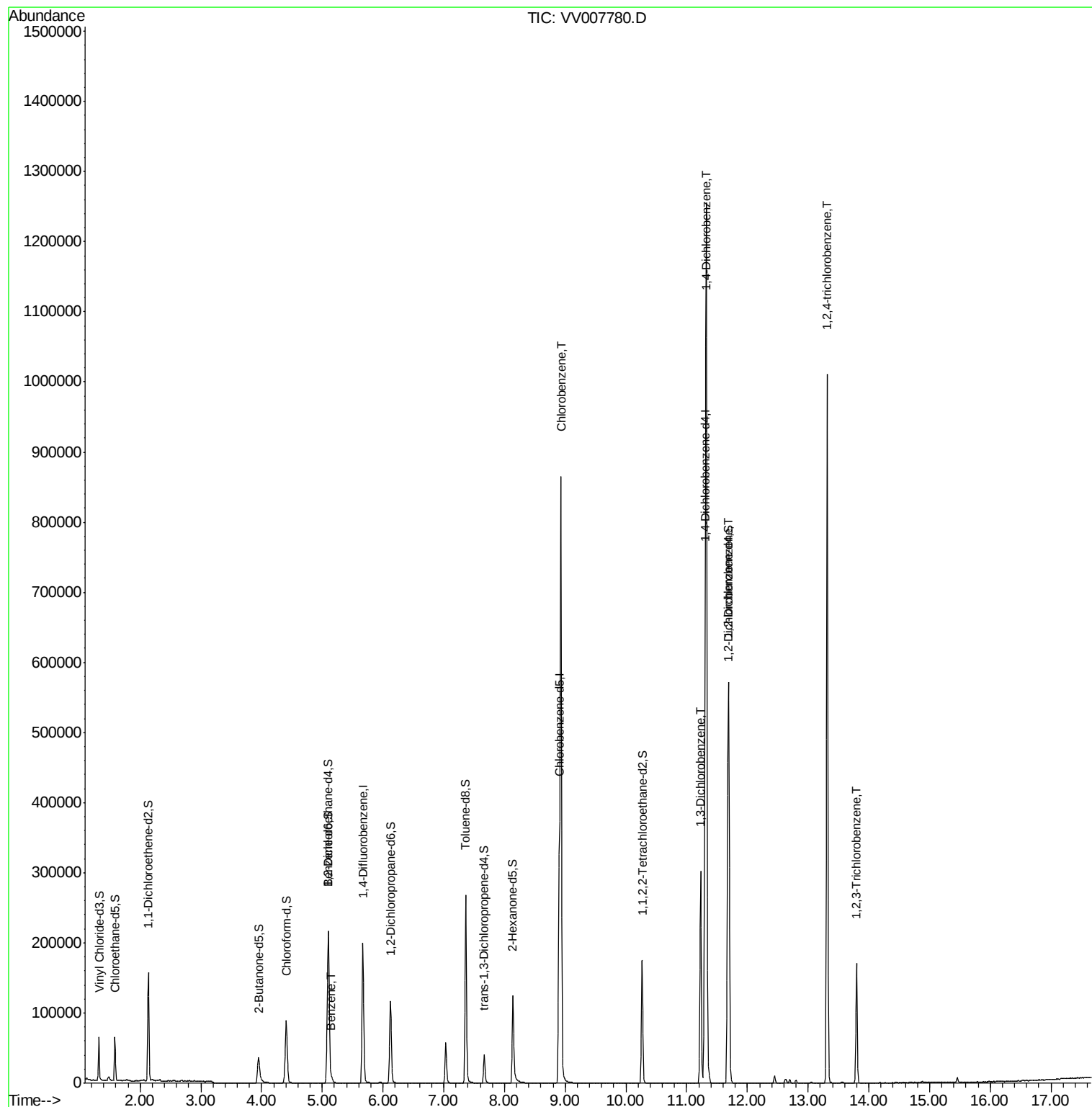
					Ovalue
33) Benzene	5.15	78	5775	1.372	ug/L 100
51) Chlorobenzene	8.93	112	473565	131.749	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	132312	41.022	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	530353	158.528	ug/L 100
65) 1,2-Dichlorobenzene	11.69	146	204225	62.621	ug/L 100
68) 1,2,4-trichlorobenzene	13.31	180	325703	133.970	ug/L 100
70) 1,2,3-Trichlorobenzene	13.80	180	56162	22.855	ug/L 99

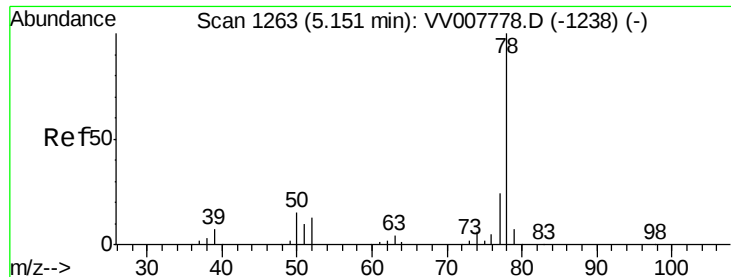
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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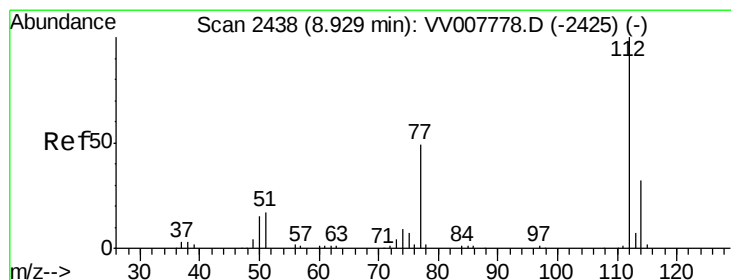
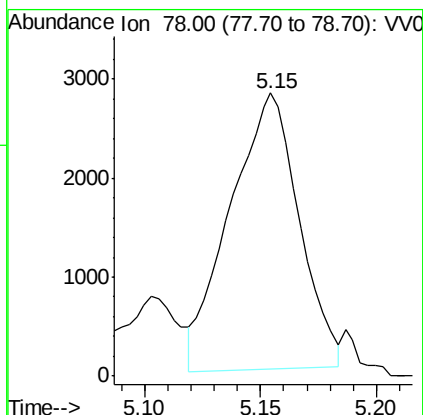
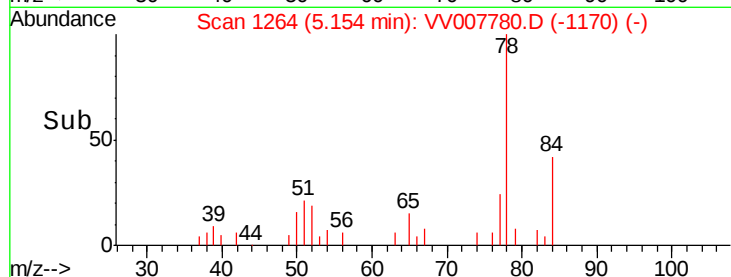
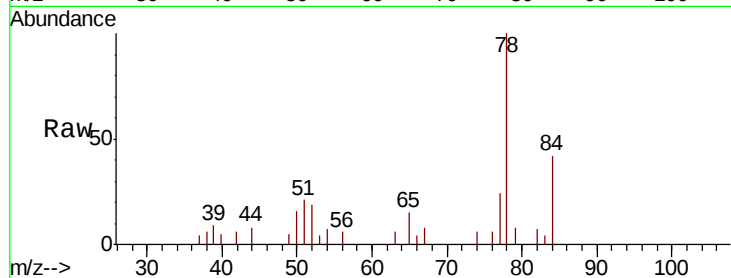




#33
Benzene
Concen: 1.372 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007780.D
Acq: 23 Sep 2018 11:49

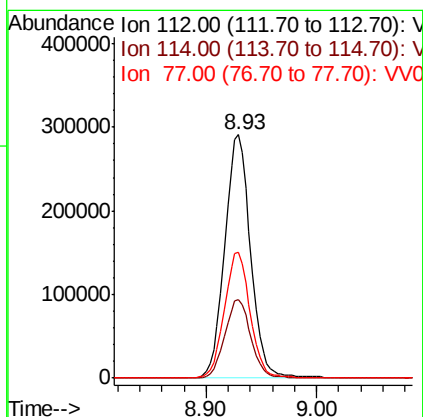
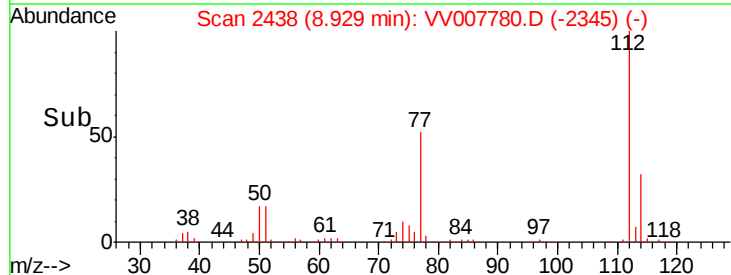
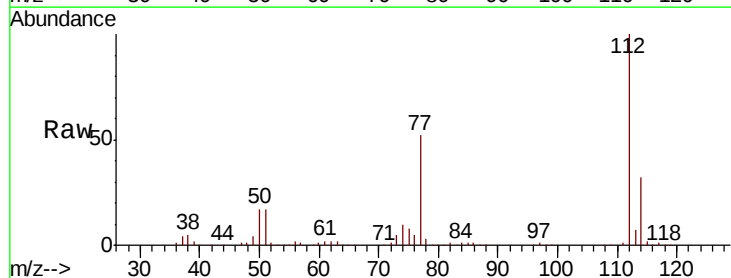
Instrument :
MSVOA_V
ClientSampled :
C08M7

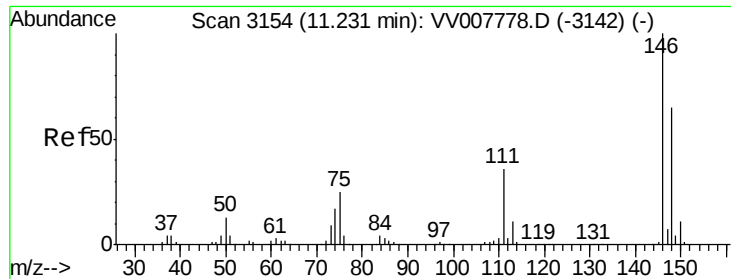
Tgt Ion: 78 Resp: 5775



#51
Chlorobenzene
Concen: 131.749 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007780.D
Acq: 23 Sep 2018 11:49

Tgt Ion: 112 Resp: 473565
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.3
77 51.5 40.6 60.8





#62

1,3-Dichlorobenzene

Concen: 41.022 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007780.D

Acq: 23 Sep 2018 11:49

Instrument :

MSVOA_V

ClientSampled :

C08M7

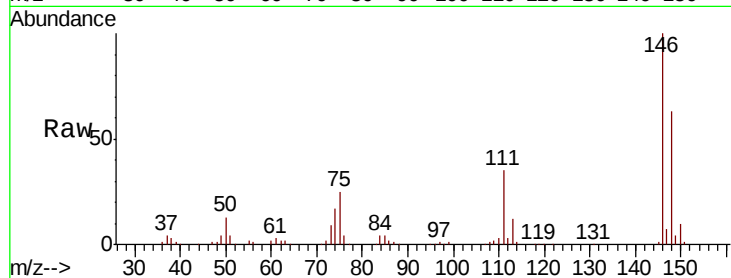
Tot Ion:146 Resp: 132312

Ion Ratio Lower Upper

146 100

111 35.3 25.1 46.7

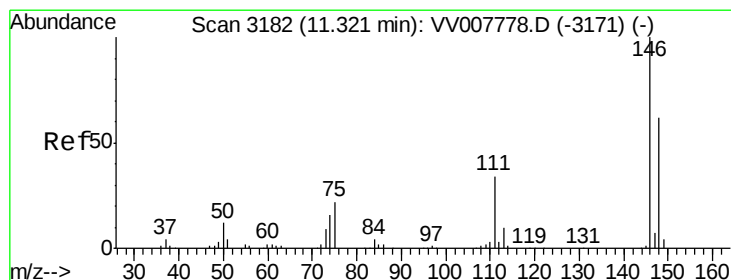
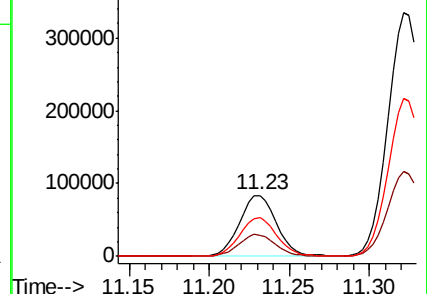
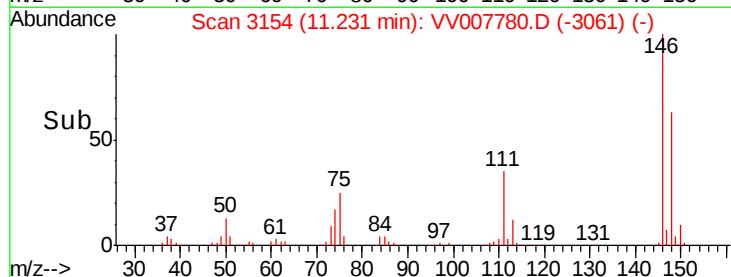
148 62.7 45.1 83.9



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: 158.528 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007780.D

Acq: 23 Sep 2018 11:49

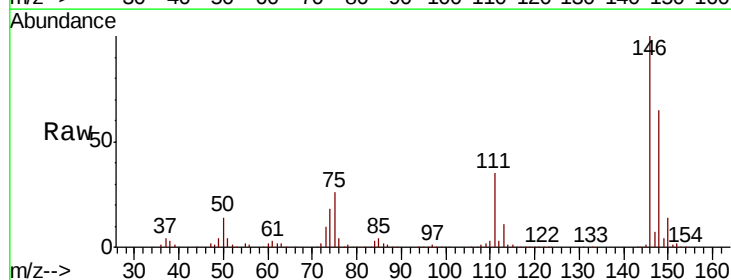
Tgt Ion:146 Resp: 530353

Ion Ratio Lower Upper

146 100

111 35.0 24.4 45.4

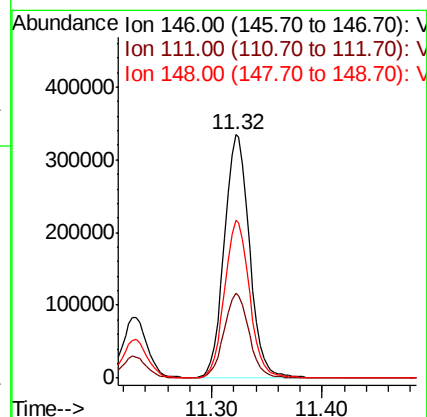
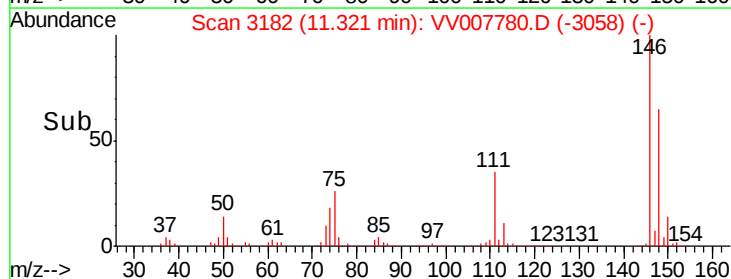
148 64.7 45.1 83.7

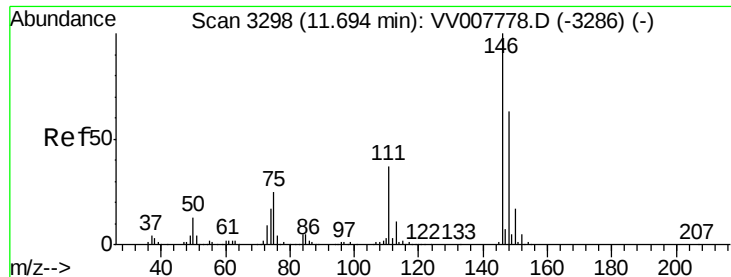


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 62.621 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007780.D

Acq: 23 Sep 2018 11:49

Instrument :

MSVOA_V

ClientSampleId :

C08M7

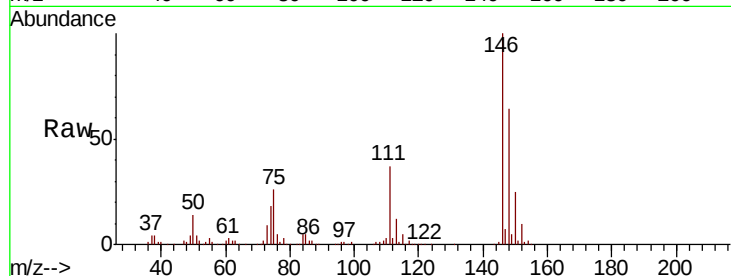
Tot Ion:146 Resp: 204225

Ion Ratio Lower Upper

146 100

111 37.2 29.8 44.8

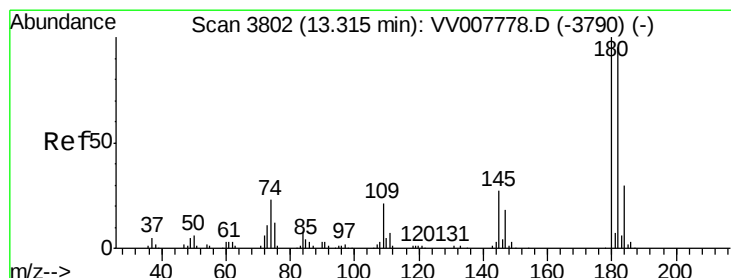
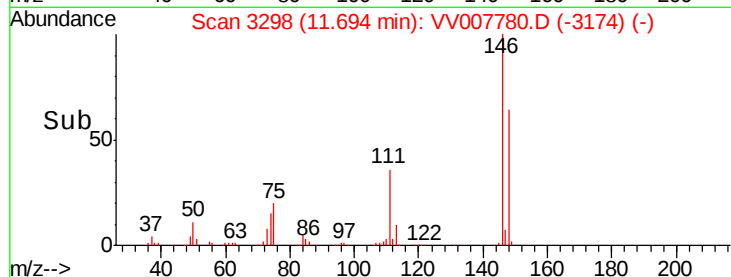
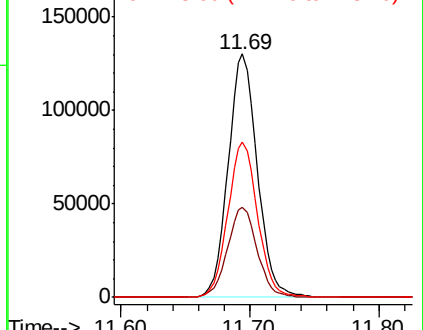
148 63.7 50.8 76.2



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: 133.970 ug/L

RT: 13.31 min Scan# 3802

Delta R.T. 0.00 min

Lab File: VV007780.D

Acq: 23 Sep 2018 11:49

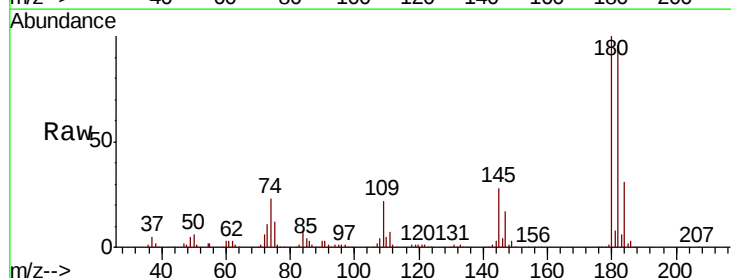
Tgt Ion:180 Resp: 325703

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.6

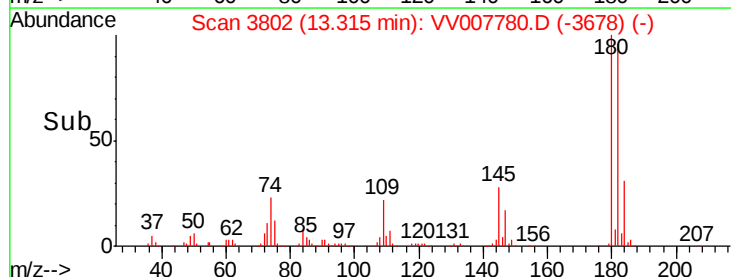
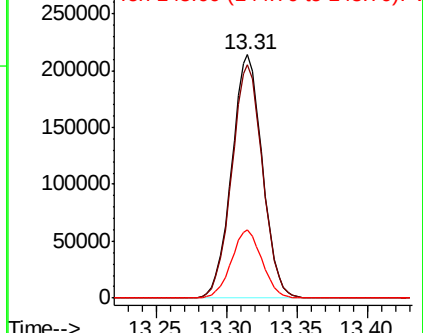
145 27.9 22.2 33.2

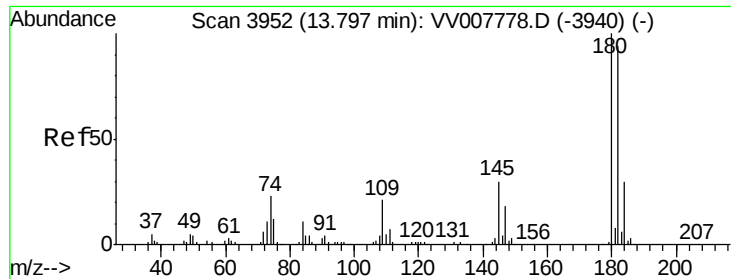


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

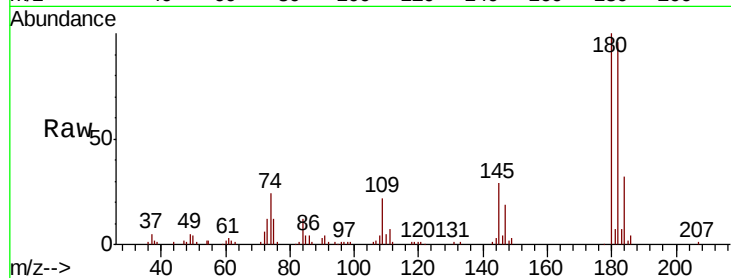




#70
 1,2,3-Trichlorobenzene
 Concen: 22.855 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV007780.D
 Acq: 23 Sep 2018 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M7

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.4	116.2
145	29.3	23.3	34.9



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

