

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007773.D
 Acq On : 23 Sep 2018 07:59
 Operator : SY/MD
 Sample : J5013-14
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S1

Quant Time: Sep 24 07:08:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	175431	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38002	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.59	69	38522	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.92%
11) 1,1-Dichloroethene-d2	2.14	63	74920	33.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.66%
21) 2-Butanone-d5	3.95	46	51209	81.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.32%
24) Chloroform-d	4.41	84	87292	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.09	65	62664	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.11	84	179477	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
36) 1,2-Dichloropropane-d6	6.13	67	53196	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.40%
41) Toluene-d8	7.36	98	182392	44.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.58%
43) trans-1,3-Dichloropropene-	7.67	79	21785	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.24%
47) 2-Hexanone-d5	8.14	63	42920	83.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80344	44.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	84964	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%

Target Compounds

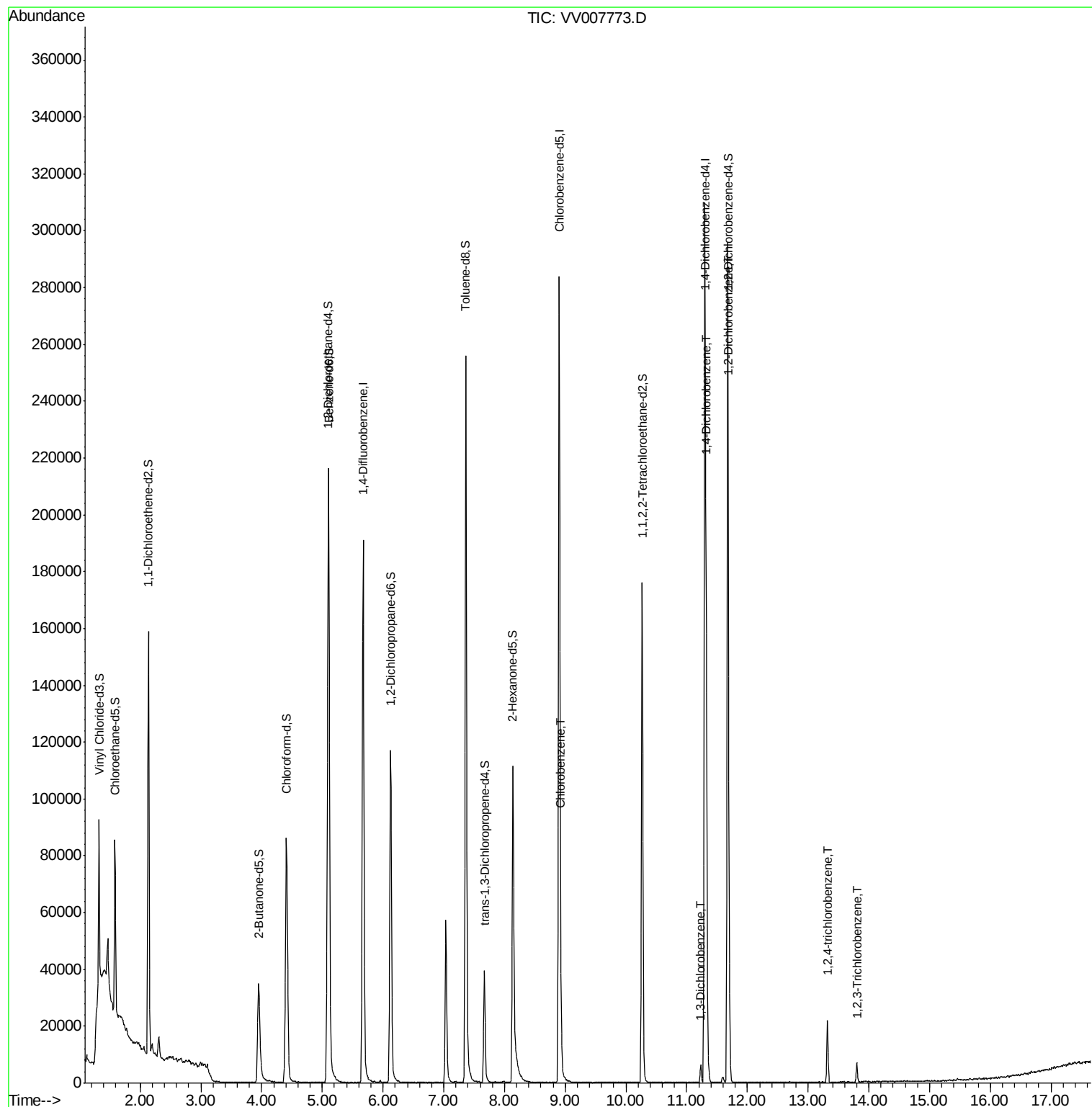
					Ovalue
51) Chlorobenzene	8.93	112	9985	2.847 ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	3448	1.213 ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	57827	19.606 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	10176	3.539 ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	7898	3.685 ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	2725	1.258 ug/L	97

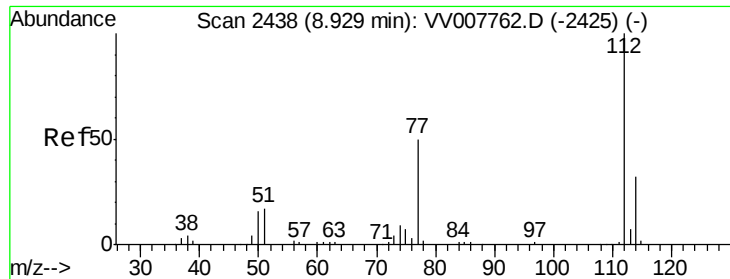
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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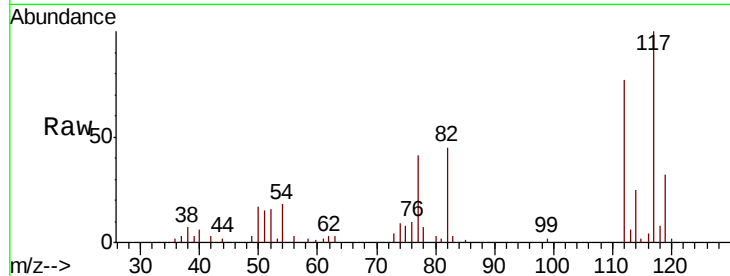




#51
Chlorobenzene
Concen: 2.847 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007773.D
Acq: 23 Sep 2018 07:59

Instrument :
MSVOA_V
ClientSampleId :
C08S1

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	52.6	40.6	60.8

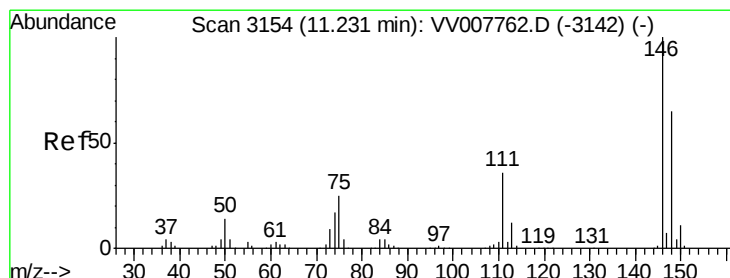
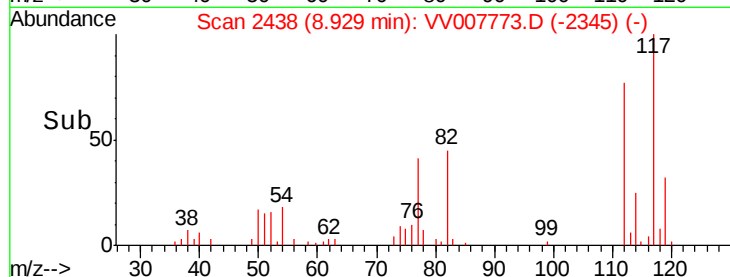
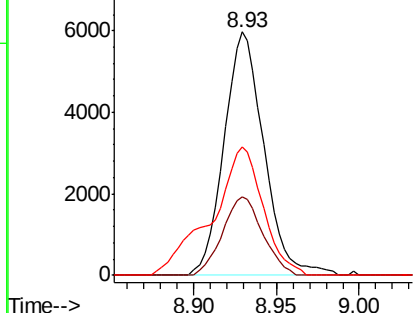


Abundance

Ion 112.00 (111.70 to 112.70): V

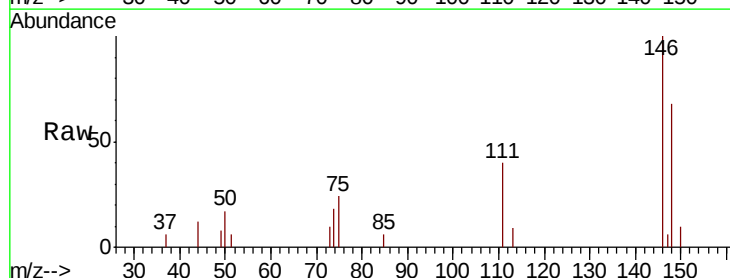
Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#62
1,3-Dichlorobenzene
Concen: 1.213 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. -0.00 min
Lab File: VV007773.D
Acq: 23 Sep 2018 07:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	25.1	46.7
148	67.9	45.1	83.9

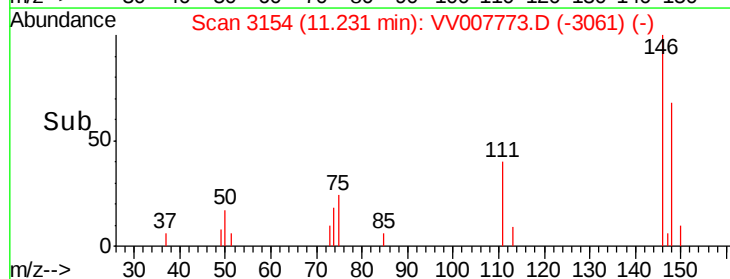
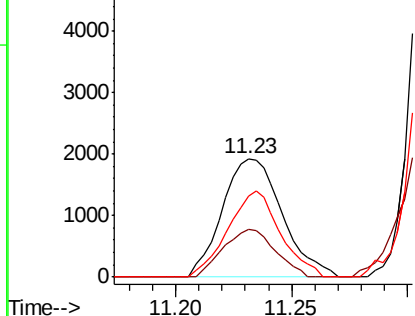


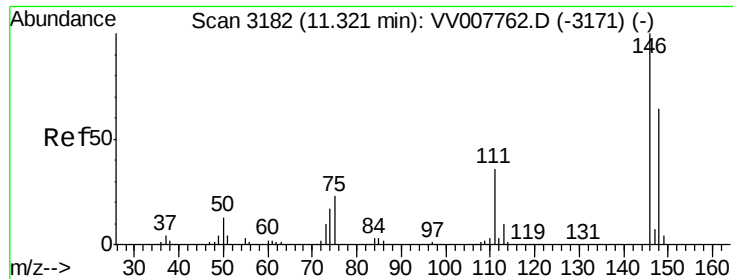
Abundance

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: 19.606 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007773.D

Acq: 23 Sep 2018 07:59

Instrument :

MSVOA_V

ClientSampleId :

C08S1

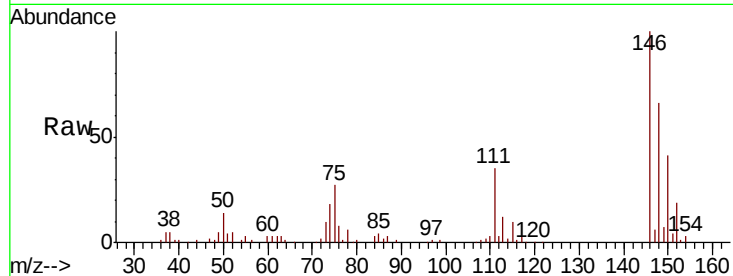
Tot Ion:146 Resp: 57827

Ion Ratio Lower Upper

146 100

111 35.0 24.4 45.4

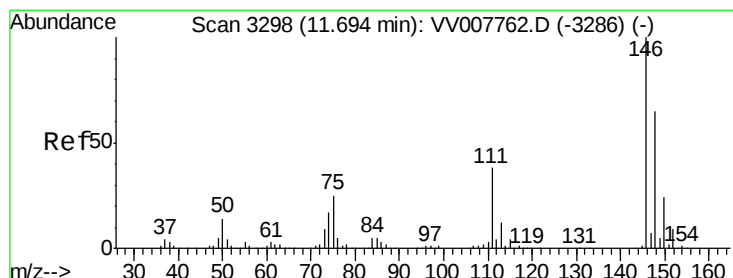
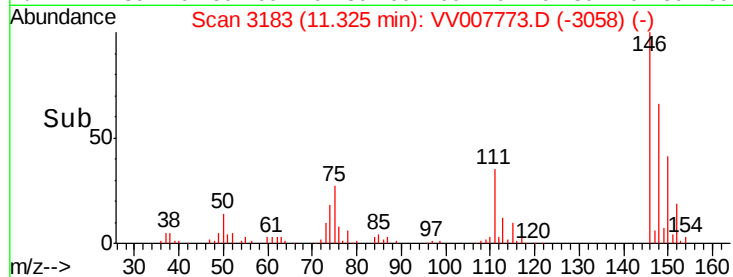
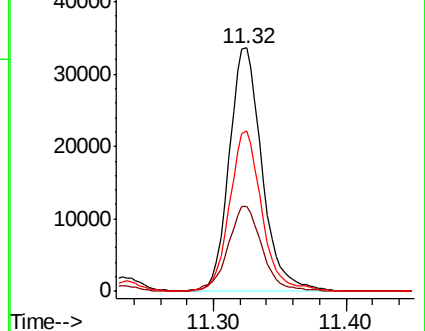
148 66.1 45.1 83.7



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: 3.539 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007773.D

Acq: 23 Sep 2018 07:59

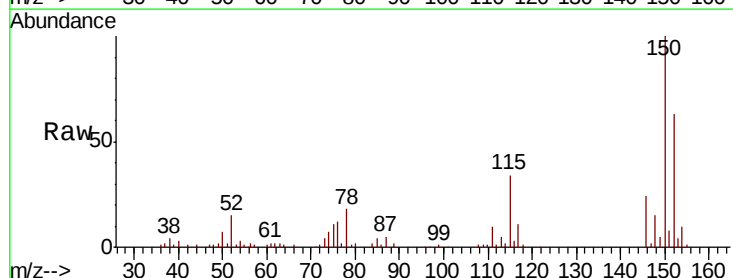
Tgt Ion:146 Resp: 10176

Ion Ratio Lower Upper

146 100

111 39.6 29.8 44.8

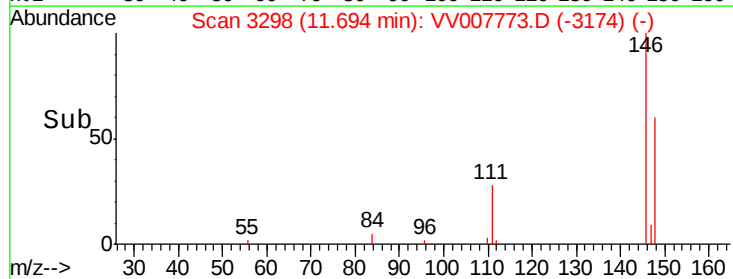
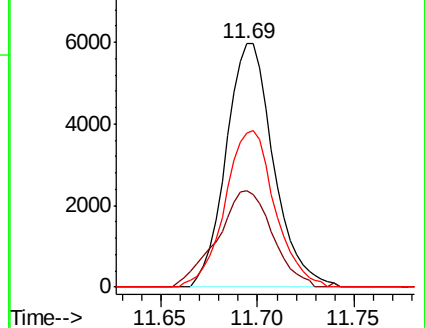
148 63.3 50.8 76.2

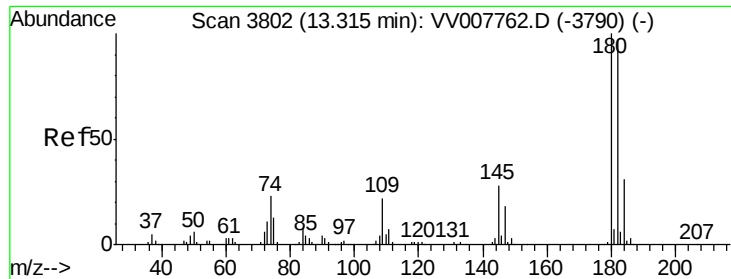


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

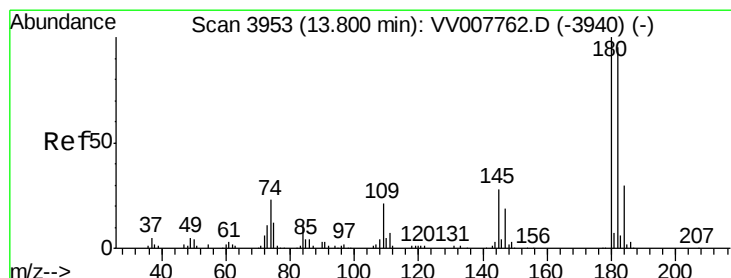
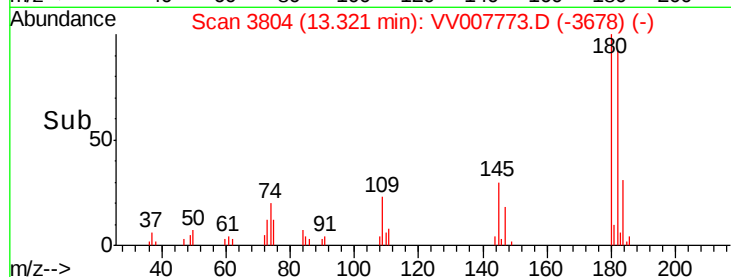
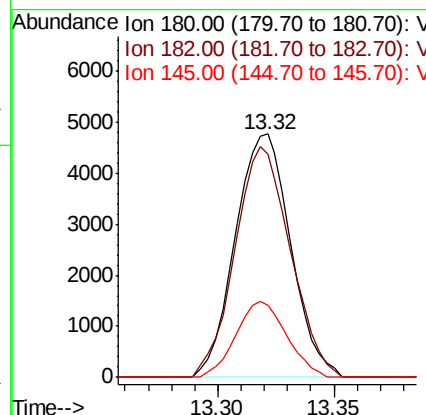
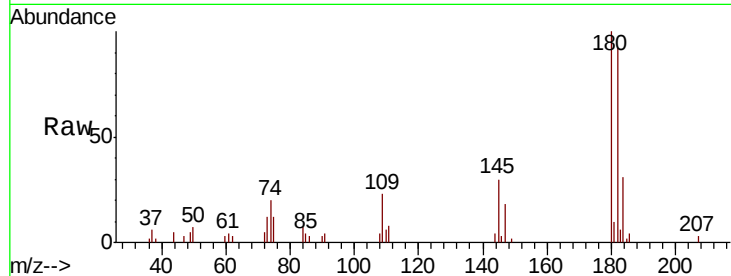




#68
 1,2,4-trichlorobenzene
 Concen: 3.685 ug/L
 RT: 13.32 min Scan# 3804
 Delta R.T. 0.01 min
 Lab File: VV007773.D
 Acq: 23 Sep 2018 07:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S1

Tot Ion:180 Resp: 7898
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.6
 145 28.6 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 1.258 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VV007773.D
 Acq: 23 Sep 2018 07:59

Tgt Ion:180 Resp: 2725
 Ion Ratio Lower Upper
 180 100
 182 99.7 77.4 116.2
 145 27.1 23.3 34.9

