

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007754.D
 Acq On : 22 Sep 2018 23:41
 Operator : SY/MD
 Sample : J5012-09 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M9

Quant Time: Sep 24 04:40:08 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	183058	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40979	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.59	69	41179	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.10%
11) 1,1-Dichloroethene-d2	2.14	63	78476	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	3.95	46	60969	92.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.79%
24) Chloroform-d	4.41	84	92989	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
26) 1,2-Dichloroethane-d4	5.09	65	63667	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.11	84	185776	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.13	67	56049	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.36%
41) Toluene-d8	7.36	98	192505	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%
43) trans-1,3-Dichloropropene-	7.67	79	21398	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
47) 2-Hexanone-d5	8.14	63	46715	88.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83493	44.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.10%
64) 1,2-Dichlorobenzene-d4	11.68	152	92139	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%

Target Compounds

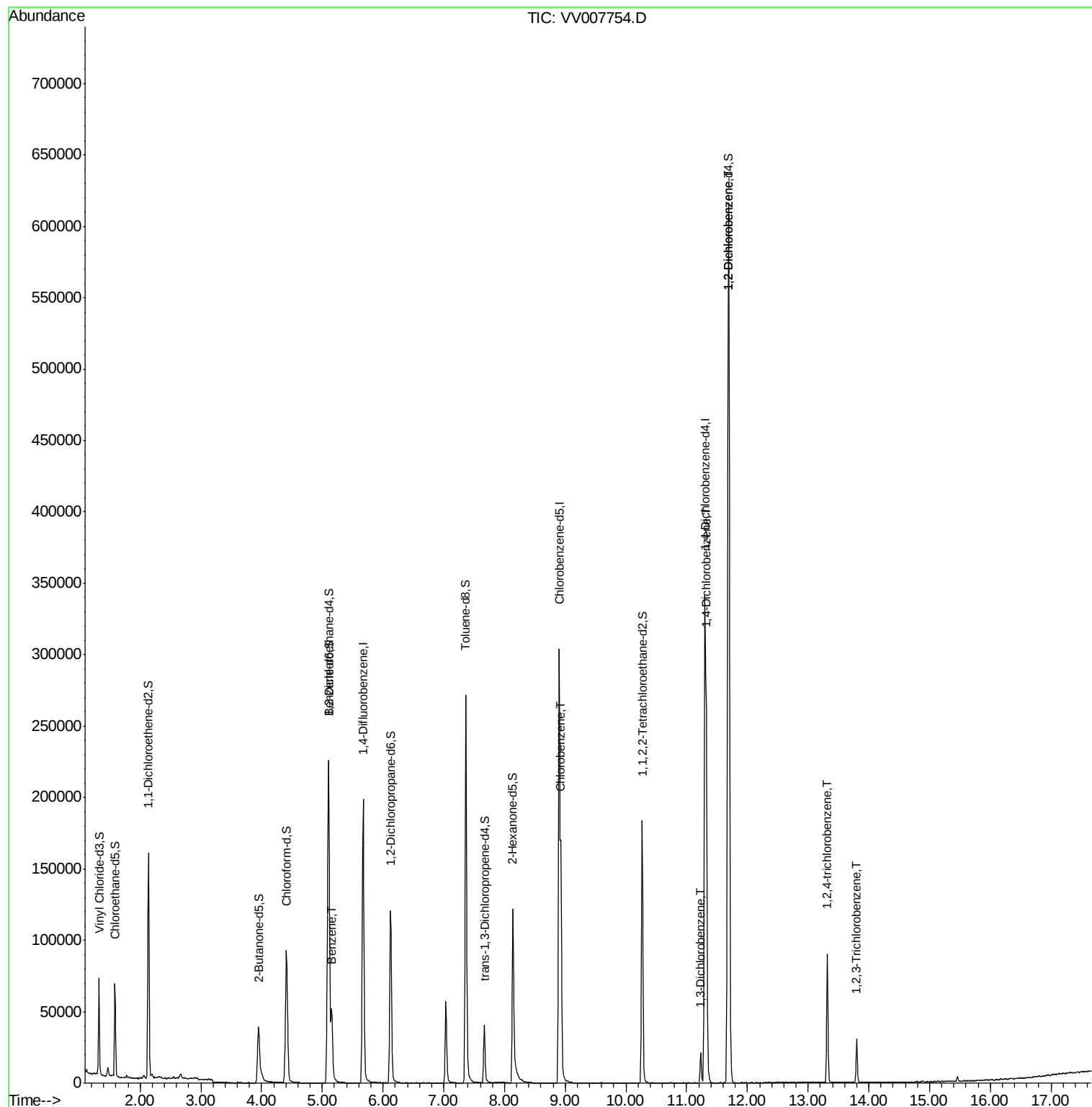
					Ovalue
33) Benzene	5.15	78	44347	10.467	ug/L 100
51) Chlorobenzene	8.93	112	88664	24.510	ug/L 98
62) 1,3-Dichlorobenzene	11.23	146	9595	3.195	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	103843	33.339	ug/L 100
65) 1,2-Dichlorobenzene	11.69	146	233570	76.924	ug/L 100
68) 1,2,4-trichlorobenzene	13.31	180	30885	13.645	ug/L 97
70) 1,2,3-Trichlorobenzene	13.80	180	10457	4.571	ug/L 99

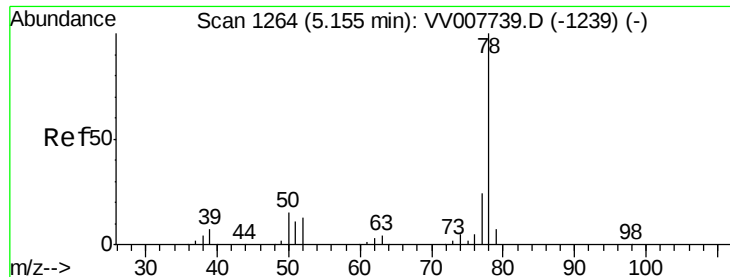
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 10.467 ug/L

RT: 5.15 min Scan# 1264

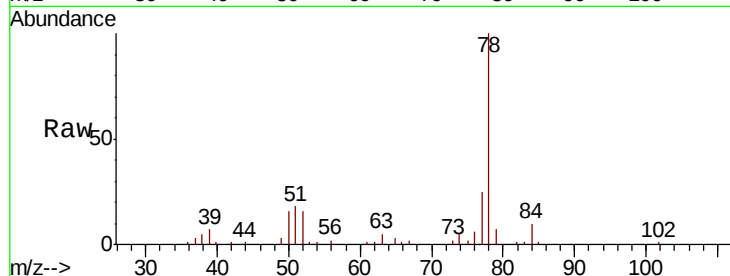
Delta R.T. -0.00 min

Lab File: VV007754.D

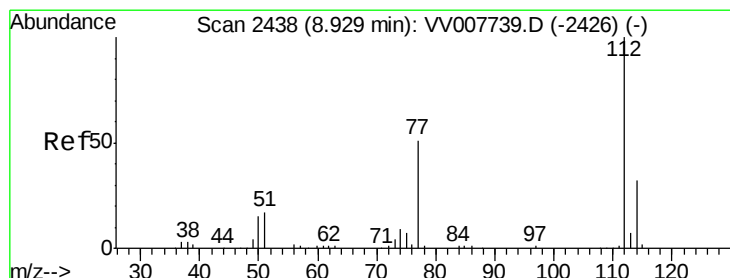
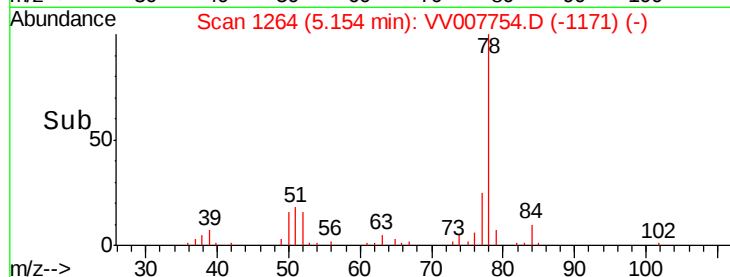
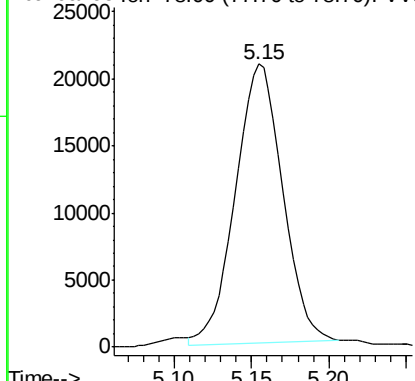
Acq: 22 Sep 2018 23:41

Instrument :
MSVOA_V
ClientSampleId :
C08M9

Tgt Ion: 78 Resp: 44347



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 24.510 ug/L

RT: 8.93 min Scan# 2438

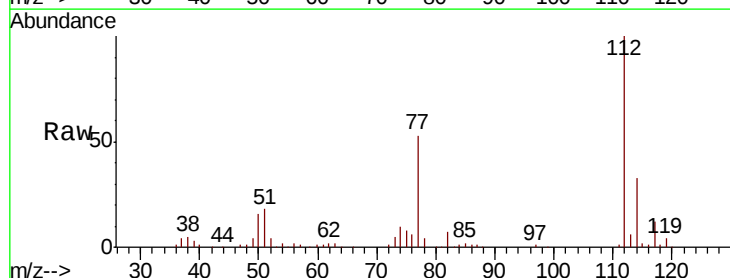
Delta R.T. -0.00 min

Lab File: VV007754.D

Acq: 22 Sep 2018 23:41

Tgt Ion: 112 Resp: 88664

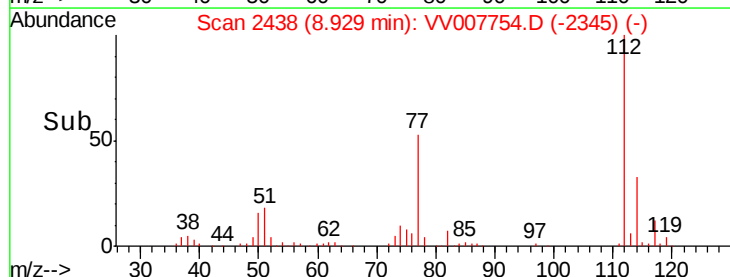
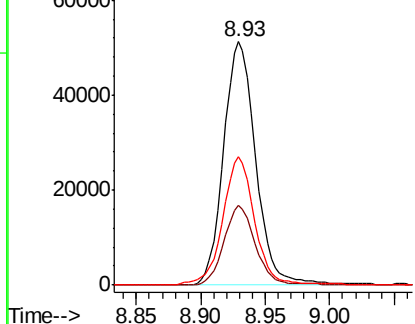
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.3
77	52.6	40.6	60.8

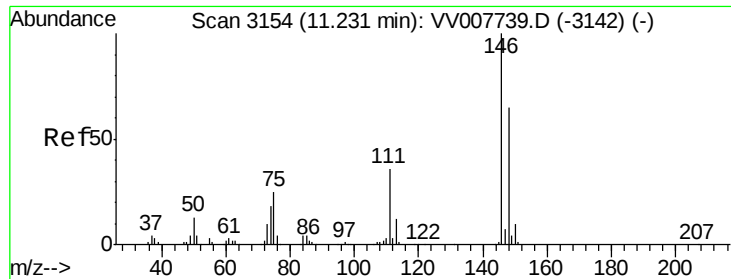


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 3.195 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007754.D

Acq: 22 Sep 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

C08M9

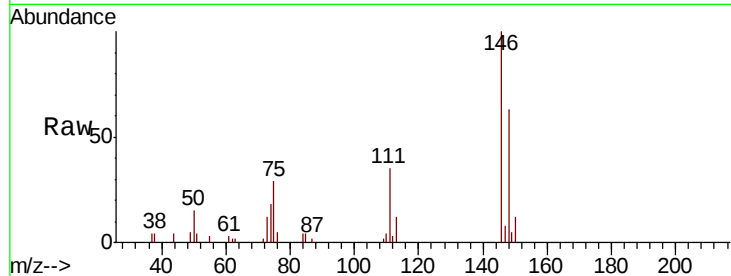
Tot Ion:146 Resp: 9595

Ion Ratio Lower Upper

146 100

111 34.9 25.1 46.7

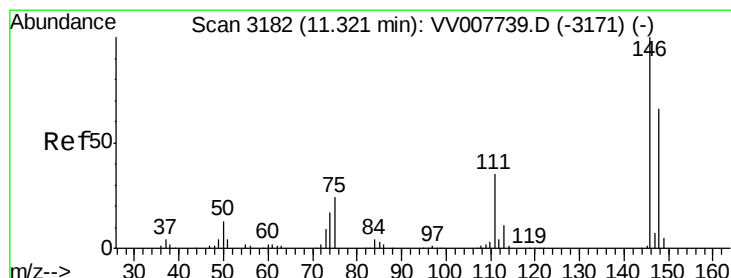
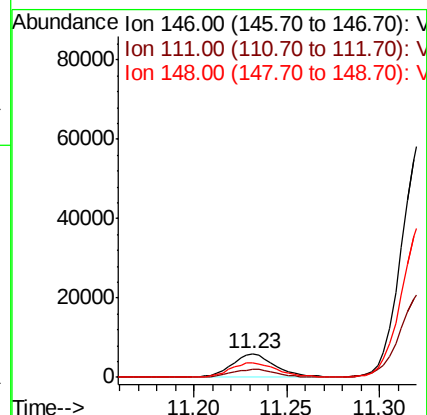
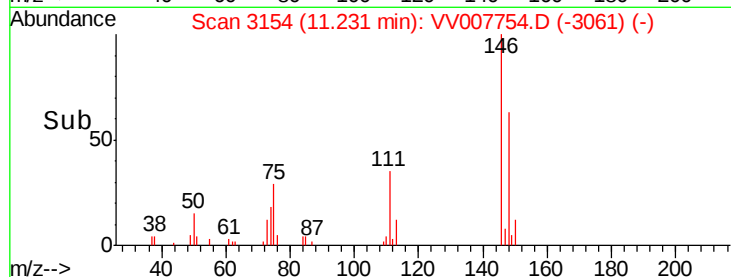
148 62.6 45.1 83.9



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: 33.339 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007754.D

Acq: 22 Sep 2018 23:41

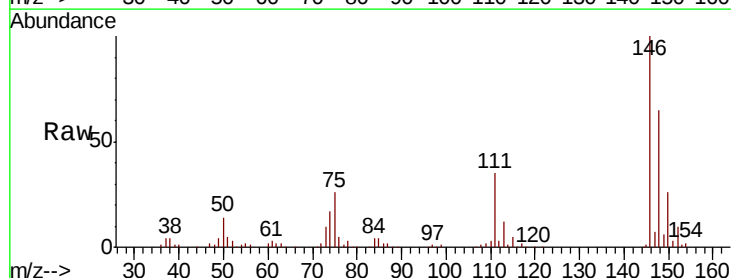
Tgt Ion:146 Resp: 103843

Ion Ratio Lower Upper

146 100

111 34.9 24.4 45.4

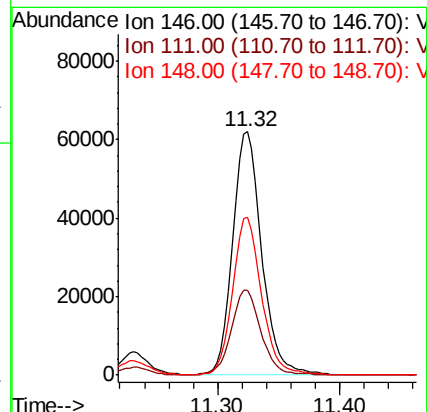
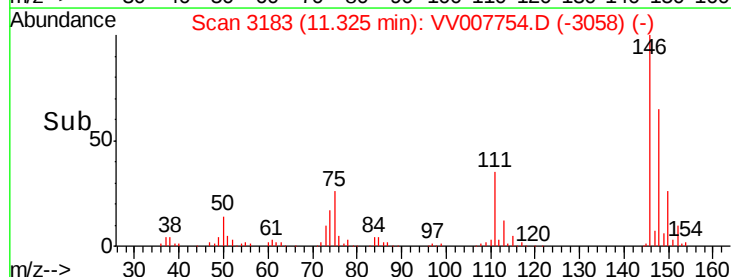
148 64.7 45.1 83.7

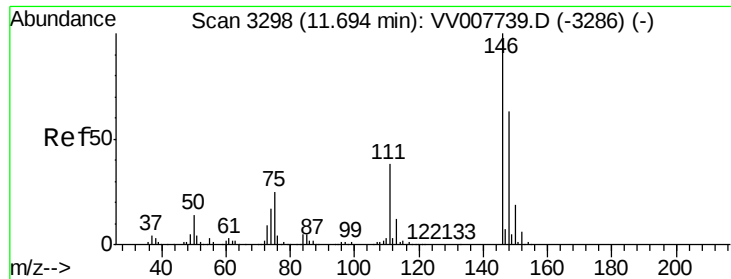


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 76.924 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007754.D

Acq: 22 Sep 2018 23:41

Instrument :

MSVOA_V

ClientSampleId :

C08M9

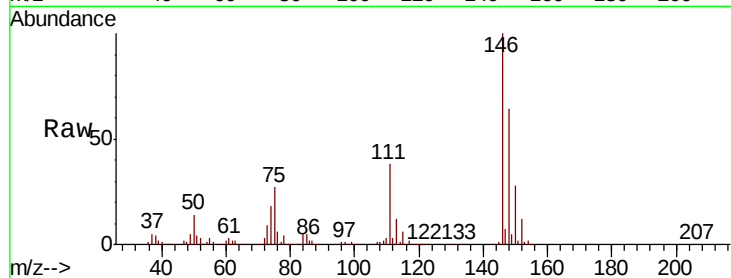
Tot Ion:146 Resp: 233570

Ion Ratio Lower Upper

146 100

111 37.5 29.8 44.8

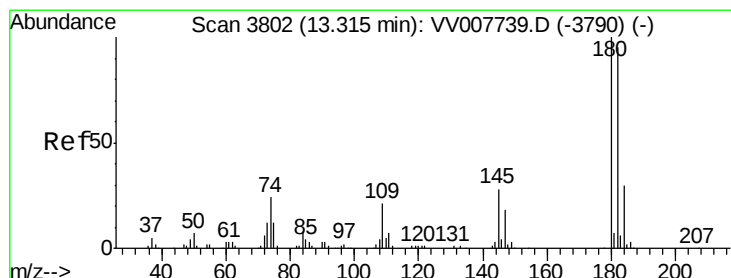
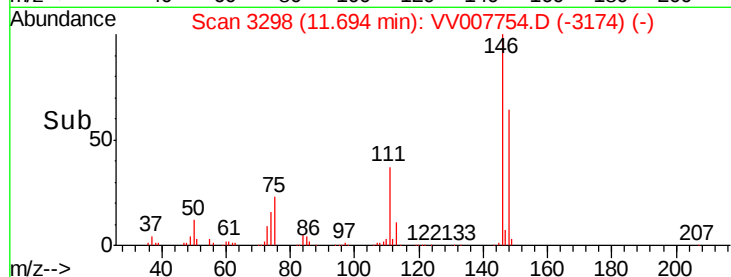
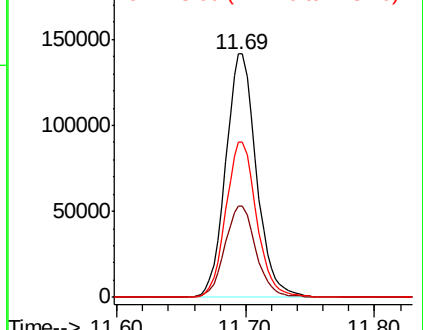
148 63.8 50.8 76.2



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: 13.645 ug/L

RT: 13.31 min Scan# 3802

Delta R.T. -0.00 min

Lab File: VV007754.D

Acq: 22 Sep 2018 23:41

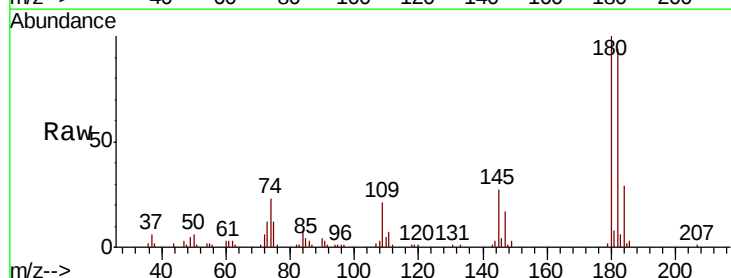
Tgt Ion:180 Resp: 30885

Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.6

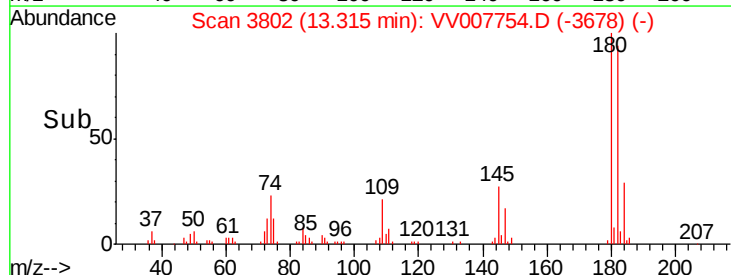
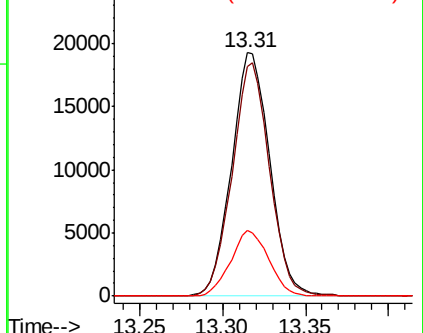
145 26.7 22.2 33.2

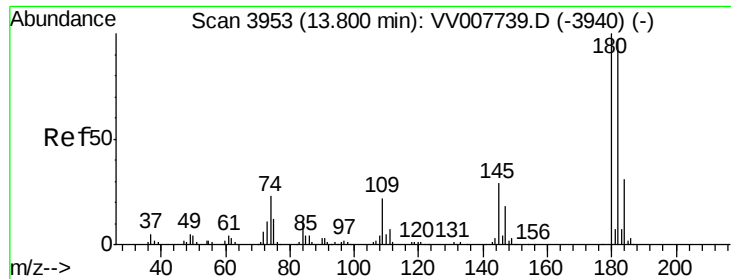


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 4.571 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. -0.00 min
 Lab File: VV007754.D
 Acq: 22 Sep 2018 23:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M9

Tot Ion:180	Resp:	10457
Ion Ratio	Lower	Upper
180	100	
182	95.5	77.4 116.2
145	29.6	23.3 34.9

