

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007770.D
 Acq On : 23 Sep 2018 06:44
 Operator : SY/MD
 Sample : J5013-09
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M3

Quant Time: Sep 24 07:00:57 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	182140	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174609	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93652	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38018	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.80%
7) Chloroethane-d5	1.59	69	38875	43.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.42%
11) 1,1-Dichloroethene-d2	2.14	63	74978	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	3.95	46	55332	84.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.63%
24) Chloroform-d	4.41	84	88286	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
26) 1,2-Dichloroethane-d4	5.09	65	59266	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
32) Benzene-d6	5.11	84	179380	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.13	67	52457	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.52%
41) Toluene-d8	7.36	98	181470	43.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.54%
43) trans-1,3-Dichloropropene-	7.67	79	22583	37.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.58%
47) 2-Hexanone-d5	8.14	63	43351	83.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79575	43.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	87752	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%

Target Compounds

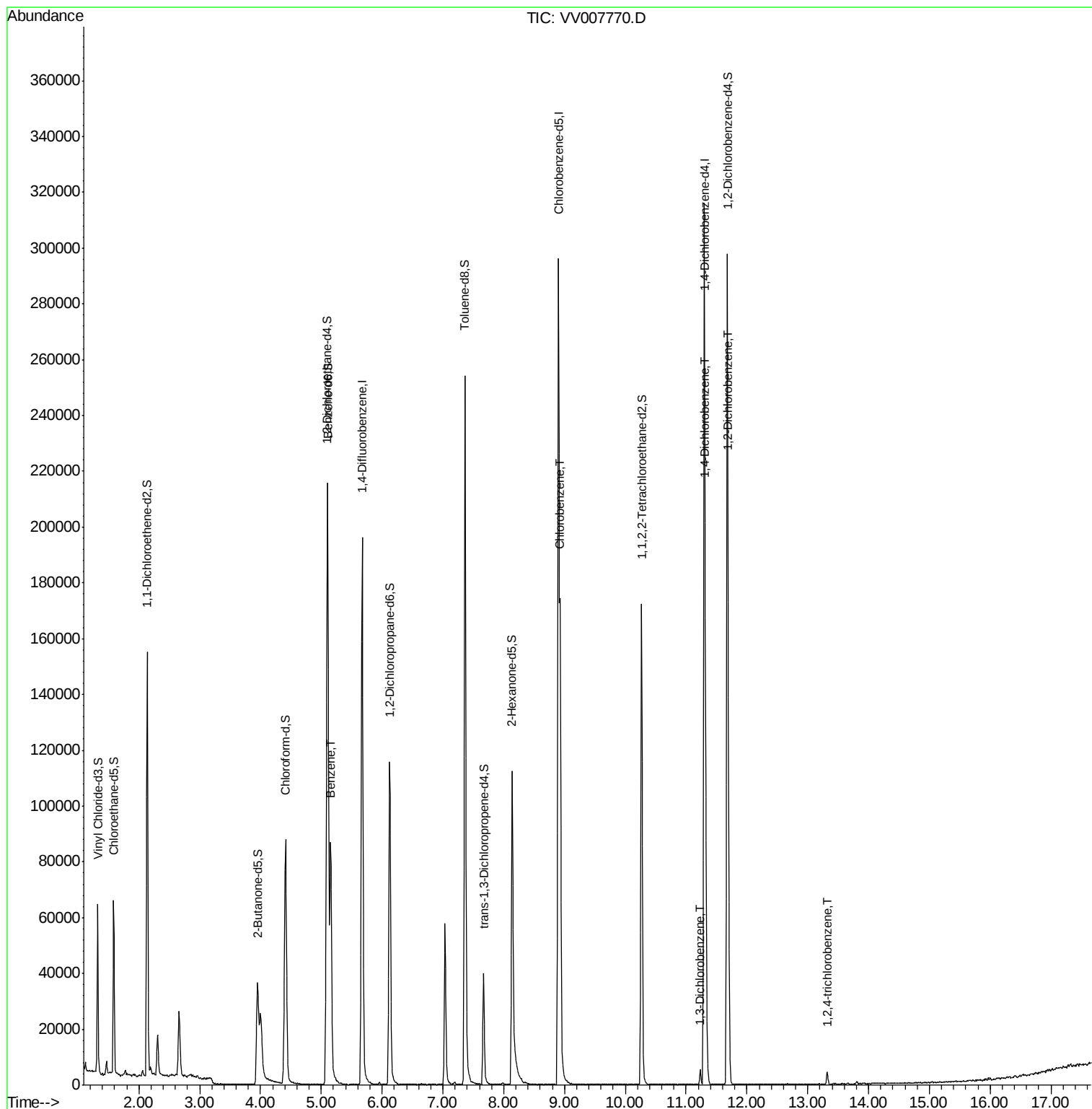
					Ovalue
33) Benzene	5.15	78	83580	19.983	ug/L 100
51) Chlorobenzene	8.93	112	90733	25.407	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	2698	0.909	ug/L 96
63) 1,4-Dichlorobenzene	11.32	146	31052	10.082	ug/L 100
65) 1,2-Dichlorobenzene	11.70	146	22241	7.407	ug/L 99
68) 1,2,4-trichlorobenzene	13.32	180	2170	0.970	ug/L # 93

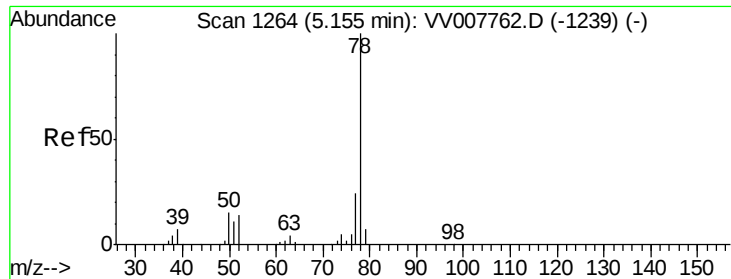
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092318\
Data File : VV007770.D
Acq On : 23 Sep 2018 06:44
Operator : SY/MD
Sample : J5013-09
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C08M3

Quant Time: Sep 24 07:00:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 05:16:03 2018
Response via : Initial Calibration

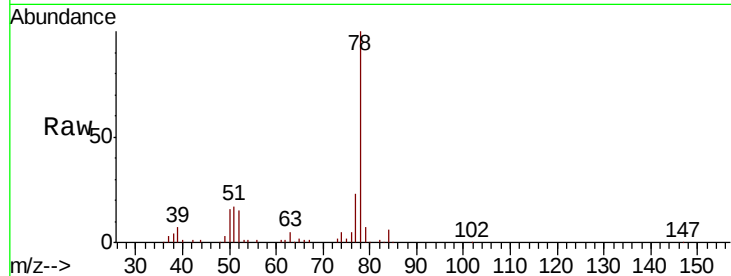




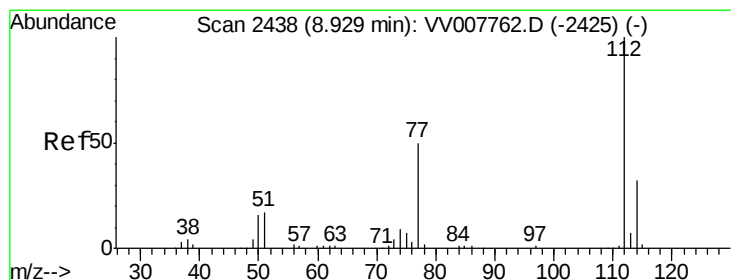
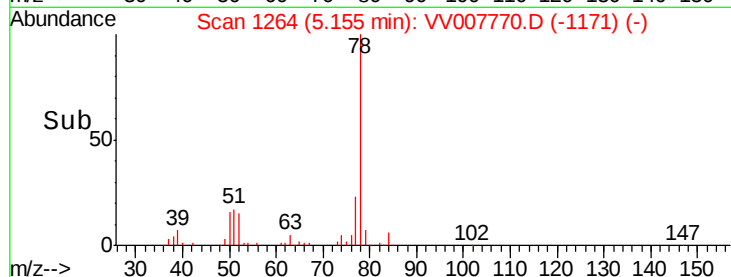
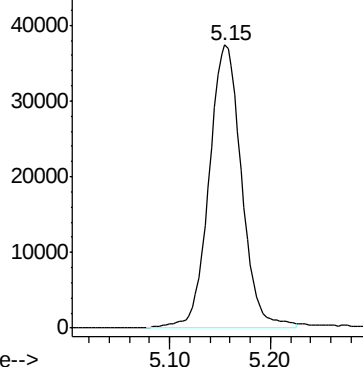
#33
Benzene
Concen: 19.983 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV007770.D
Acq: 23 Sep 2018 06:44

Instrument :
MSVOA_V
ClientSampleId :
C08M3

Tgt Ion: 78 Resp: 83580

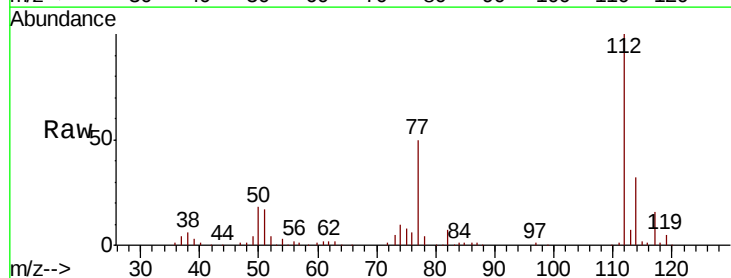


Abundance Ion 78.00 (77.70 to 78.70): VV0



#51
Chlorobenzene
Concen: 25.407 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007770.D
Acq: 23 Sep 2018 06:44

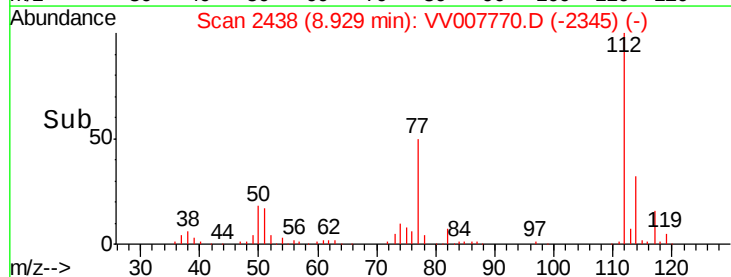
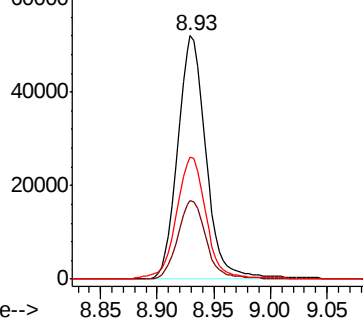
Tgt Ion: 112 Resp: 90733
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 50.3 40.6 60.8

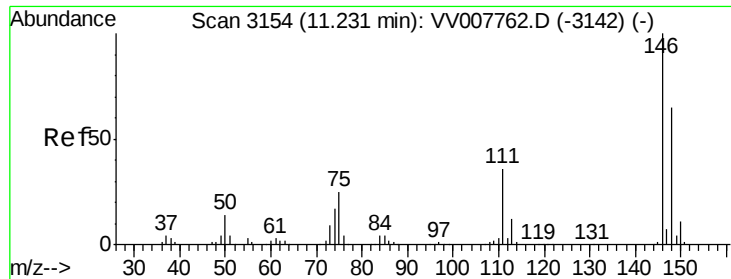


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 0.909 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007770.D

Acq: 23 Sep 2018 06:44

Instrument :

MSVOA_V

ClientSampled :

C08M3

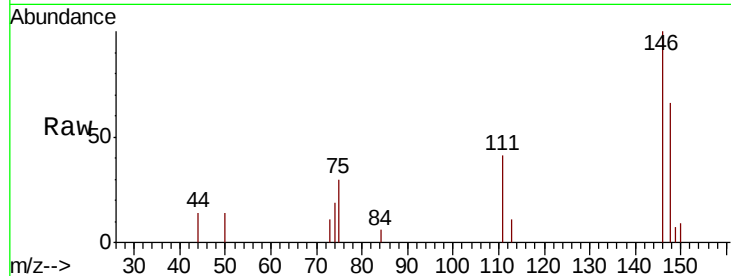
Tot Ion:146 Resp: 2698

Ion Ratio Lower Upper

146 100

111 41.1 25.1 46.7

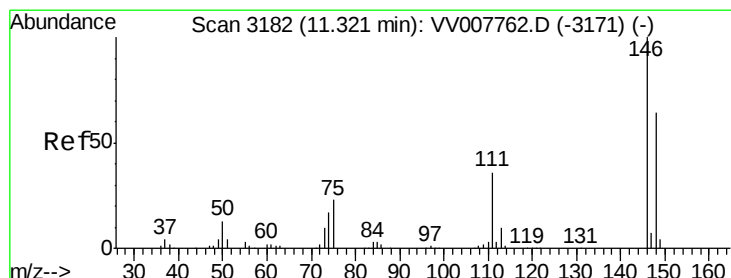
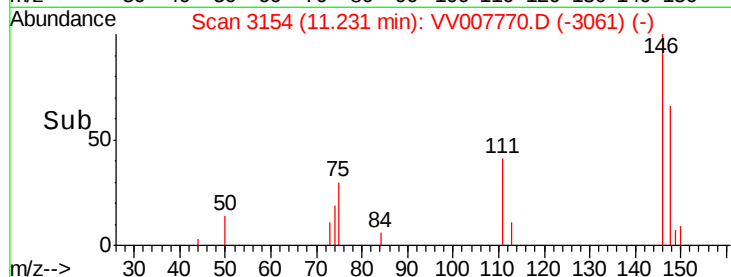
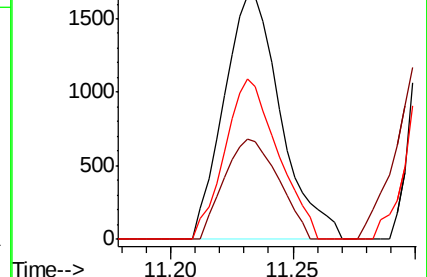
148 65.8 45.1 83.9



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: 10.082 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007770.D

Acq: 23 Sep 2018 06:44

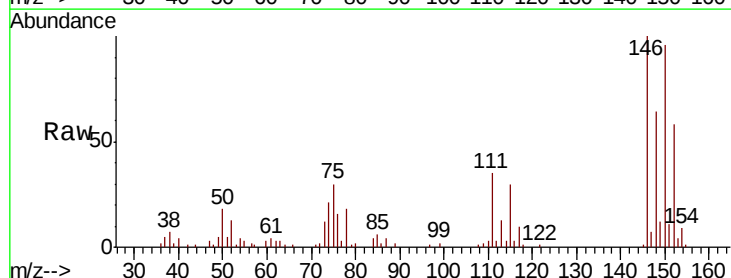
Tgt Ion:146 Resp: 31052

Ion Ratio Lower Upper

146 100

111 35.4 24.4 45.4

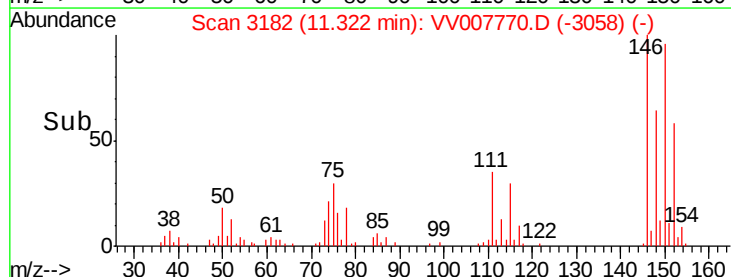
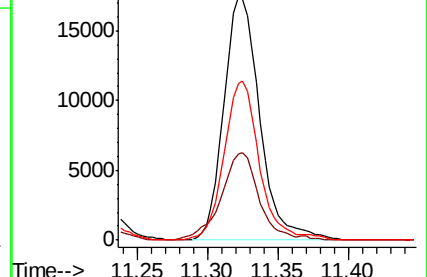
148 64.4 45.1 83.7

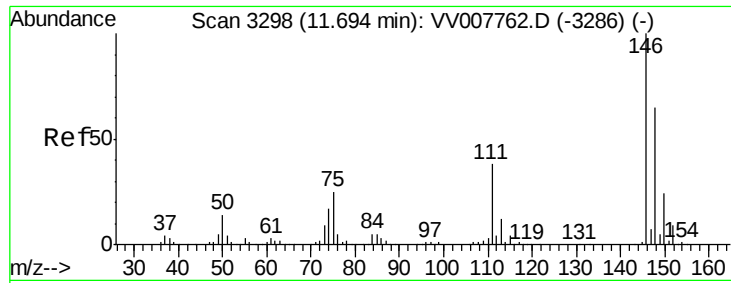


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 7.407 ug/L

RT: 11.70 min Scan# 3299

Delta R.T. 0.00 min

Lab File: VV007770.D

Acq: 23 Sep 2018 06:44

Instrument :

MSVOA_V

ClientSampleId :

C08M3

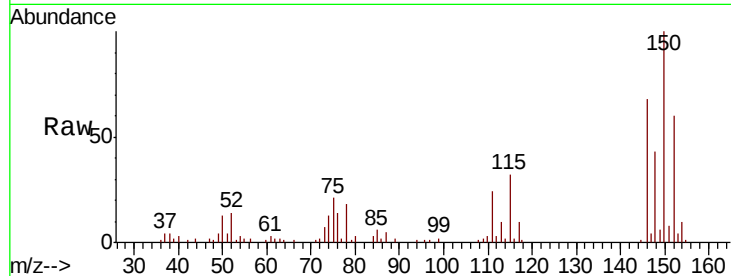
Tot Ion:146 Resp: 22241

Ion Ratio Lower Upper

146 100

111 35.5 29.8 44.8

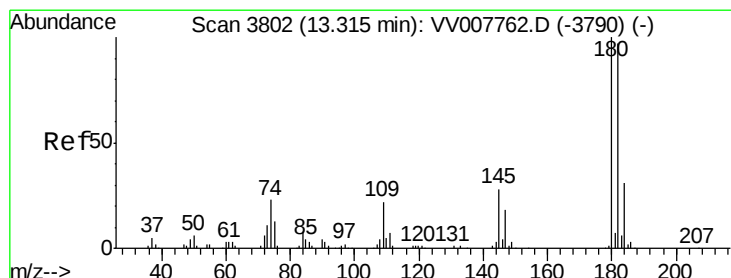
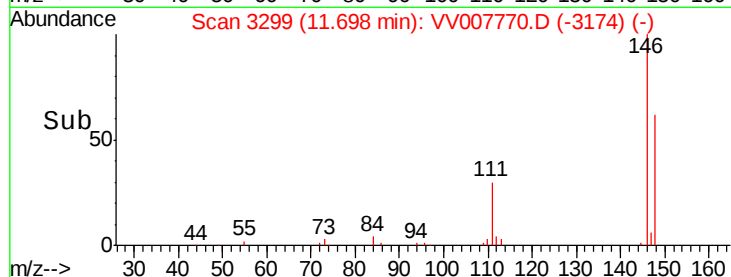
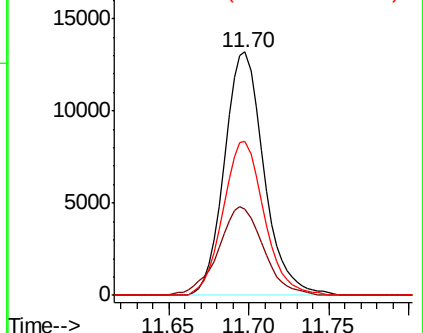
148 63.3 50.8 76.2



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: 0.970 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.00 min

Lab File: VV007770.D

Acq: 23 Sep 2018 06:44

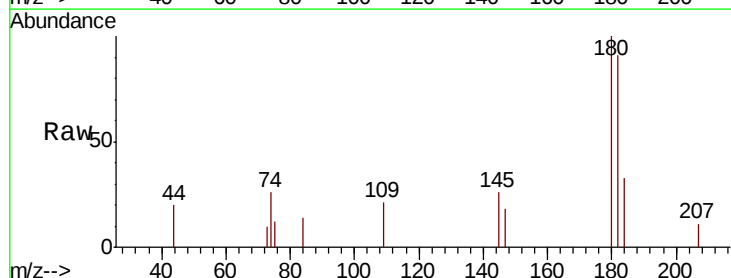
Tgt Ion:180 Resp: 2170

Ion Ratio Lower Upper

180 100

182 90.8 77.0 115.6

145 22.0 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

