

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007782.D
 Acq On : 23 Sep 2018 12:39
 Operator : SY/MD
 Sample : J5013-02 200X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R6

Quant Time: Sep 24 07:45:31 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	178262	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35540	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.36%
7) Chloroethane-d5	1.59	69	37066	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.14	63	71841	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	3.95	46	58086	90.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.78%
24) Chloroform-d	4.41	84	87781	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	5.09	65	59674	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.11	84	175597	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.13	67	52555	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.44%
41) Toluene-d8	7.36	98	178322	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.67	79	21611	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
47) 2-Hexanone-d5	8.14	63	45107	88.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78178	43.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.18%
64) 1,2-Dichlorobenzene-d4	11.68	152	87843	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

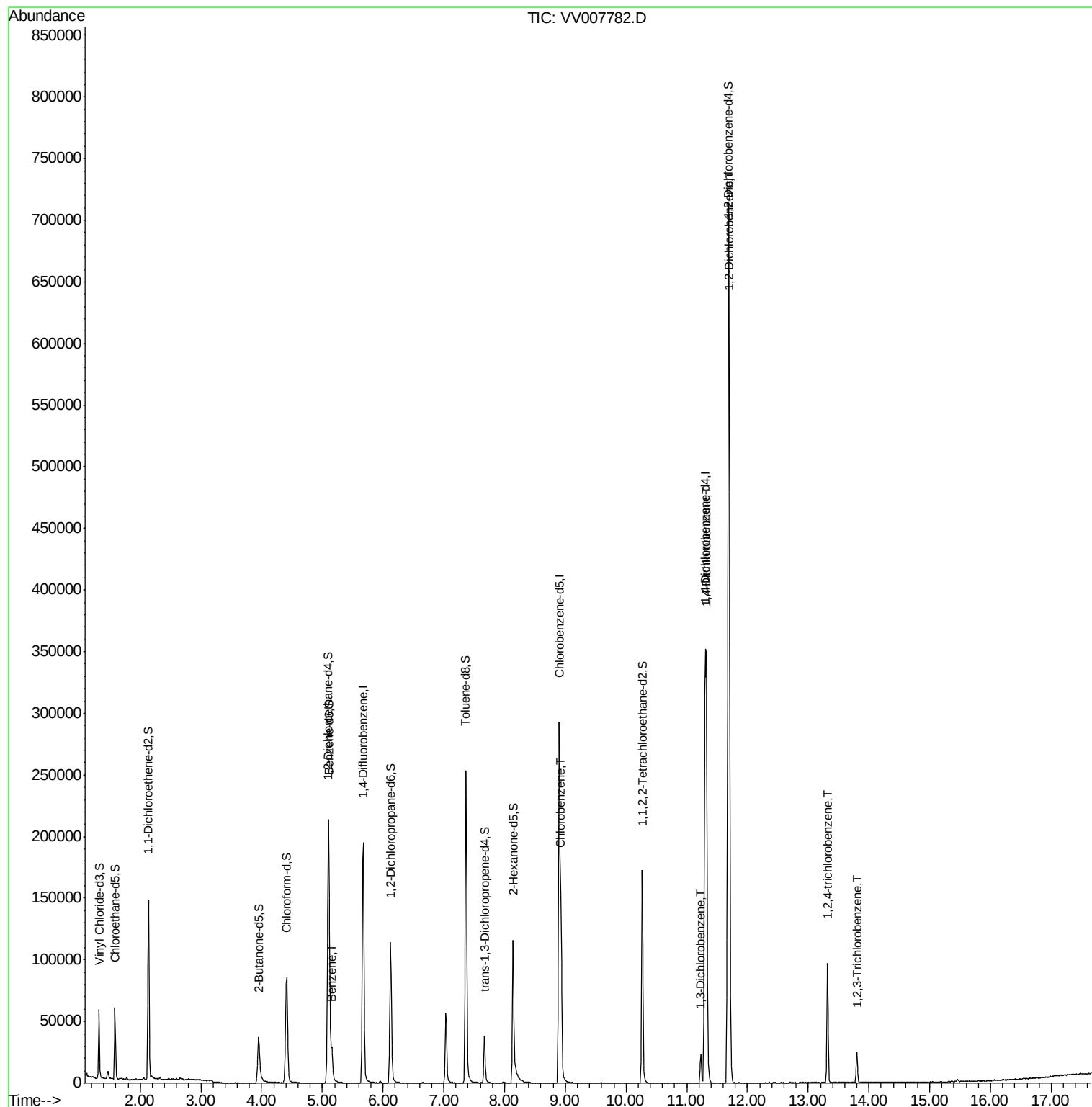
					Ovalue
33) Benzene	5.16	78	23676	5.773	ug/L 100
51) Chlorobenzene	8.93	112	75125	21.454	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	10889	3.666	ug/L 99
63) 1,4-Dichlorobenzene	11.32	146	136004	44.143	ug/L 99
65) 1,2-Dichlorobenzene	11.69	146	282237	93.971	ug/L 98
68) 1,2,4-trichlorobenzene	13.32	180	32579	14.551	ug/L 99
70) 1,2,3-Trichlorobenzene	13.80	180	8710	3.849	ug/L 100

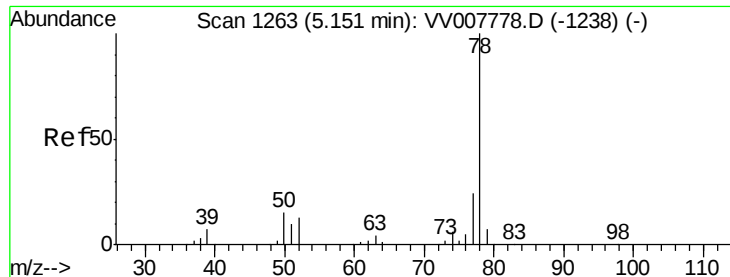
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration





#33

Benzene

Concen: 5.773 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

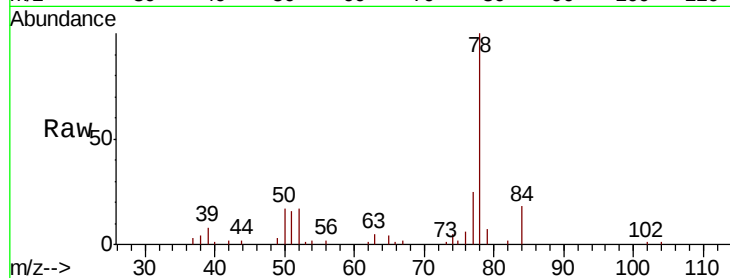
Instrument :

MSVOA_V

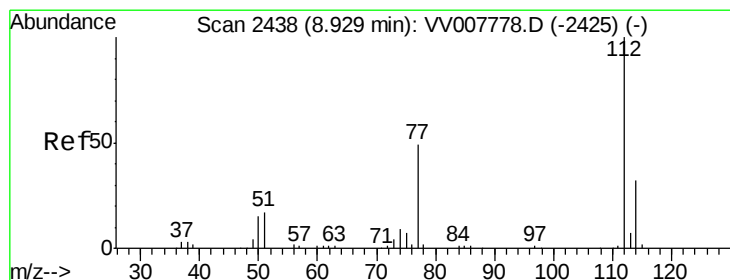
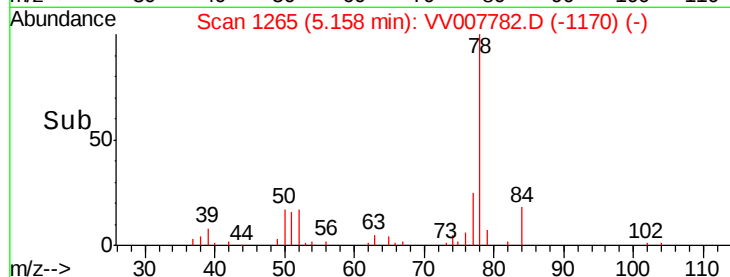
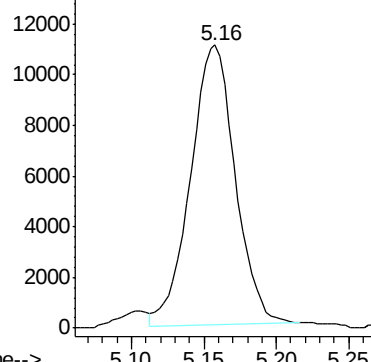
ClientSampled :

C08R6

Tgt Ion: 78 Resp: 23676



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 21.454 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

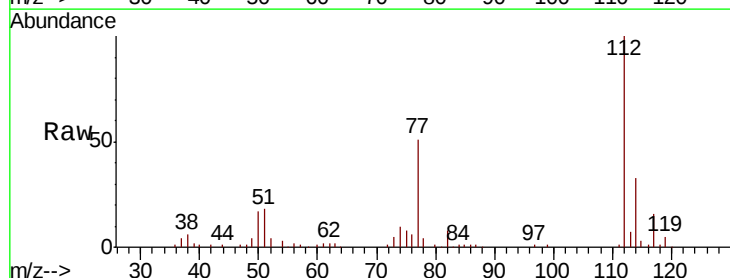
Tgt Ion: 112 Resp: 75125

Ion Ratio Lower Upper

112 100

114 32.9 22.3 41.3

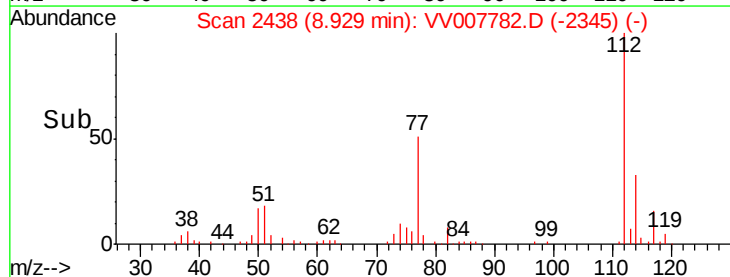
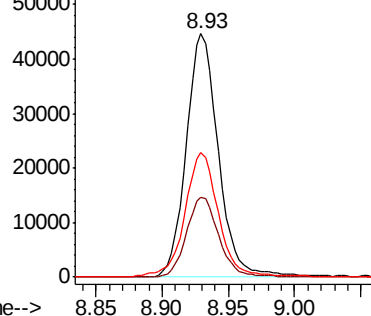
77 51.3 40.6 60.8

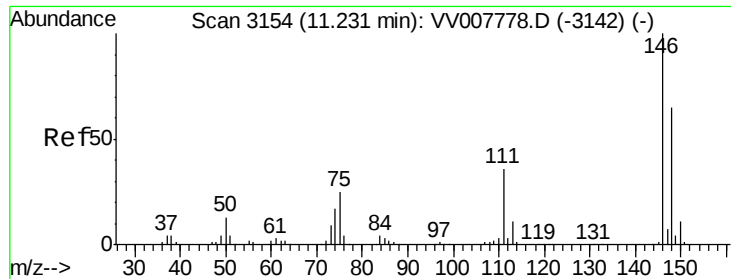


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 3.666 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

Instrument :

MSVOA_V

ClientSampleId :

C08R6

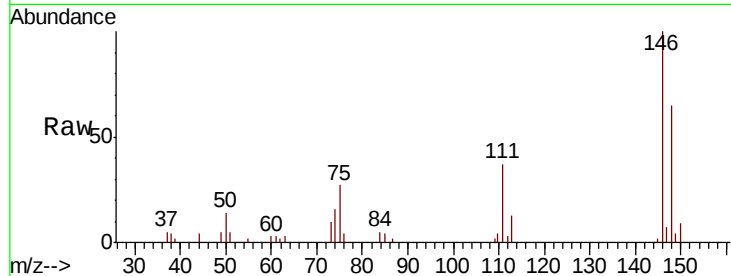
Tot Ion:146 Resp: 10889

Ion Ratio Lower Upper

146 100

111 36.6 25.1 46.7

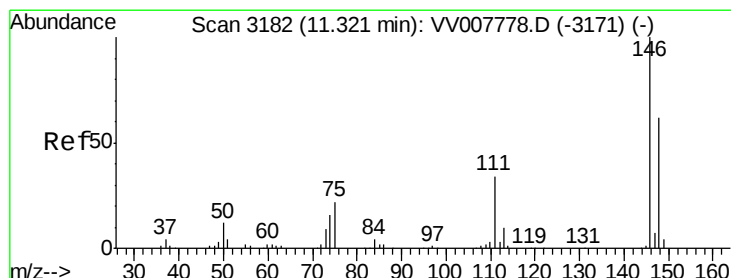
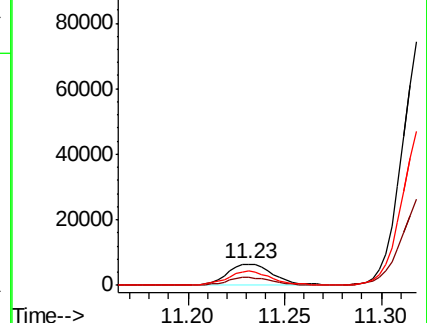
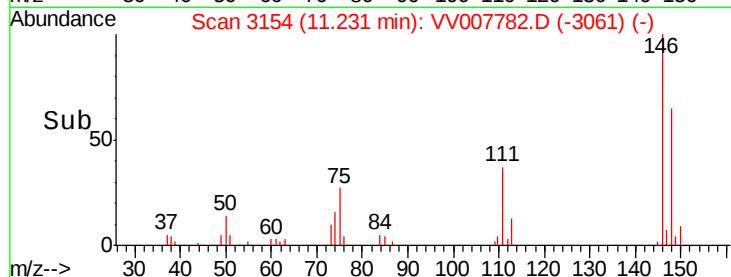
148 65.4 45.1 83.9



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: 44.143 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

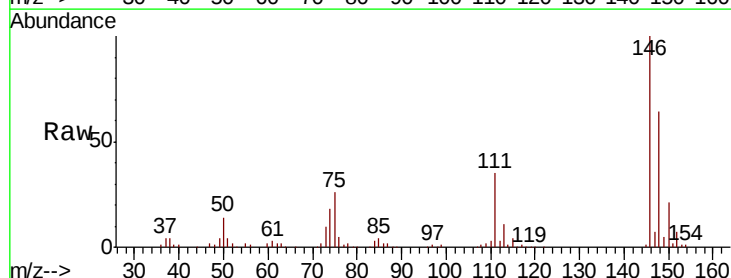
Tgt Ion:146 Resp: 136004

Ion Ratio Lower Upper

146 100

111 35.0 24.4 45.4

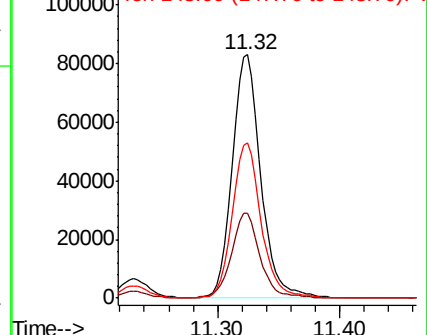
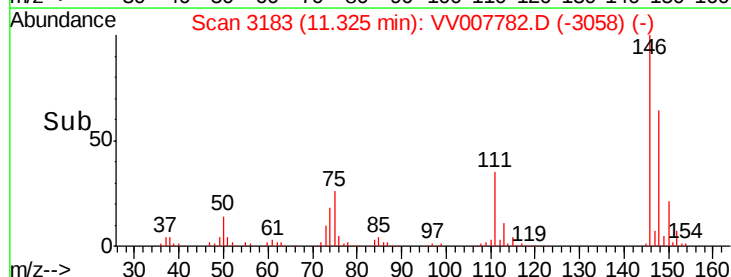
148 63.6 45.1 83.7

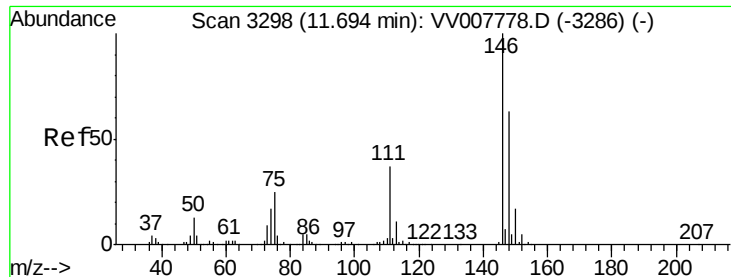


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 93.971 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

Instrument :

MSVOA_V

ClientSampled :

C08R6

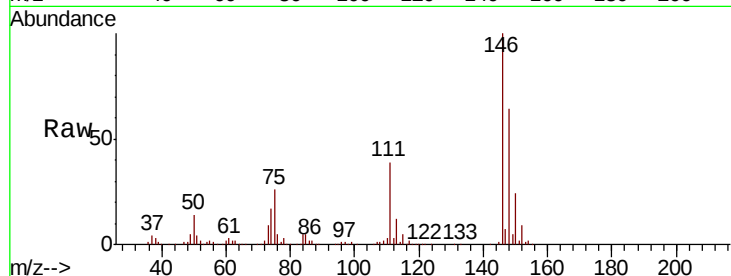
Tot Ion:146 Resp: 282237

Ion Ratio Lower Upper

146 100

111 38.7 29.8 44.8

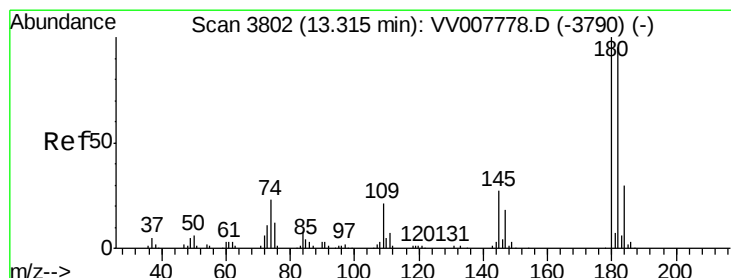
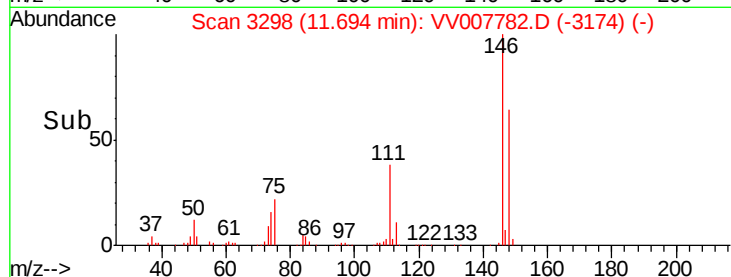
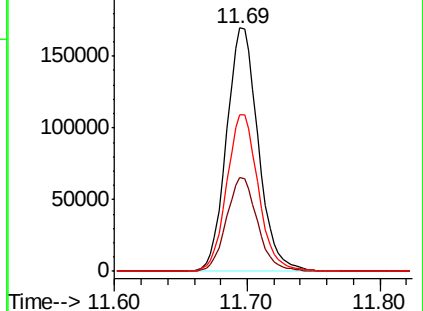
148 64.5 50.8 76.2



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: 14.551 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.00 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

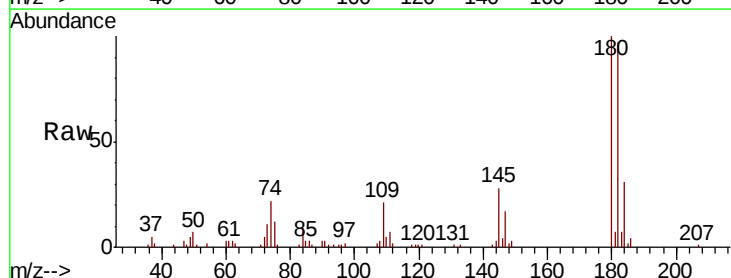
Tgt Ion:180 Resp: 32579

Ion Ratio Lower Upper

180 100

182 97.2 77.0 115.6

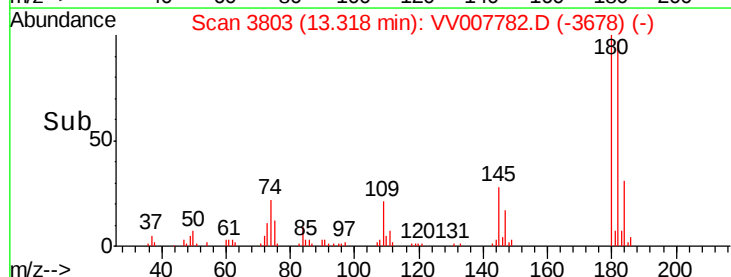
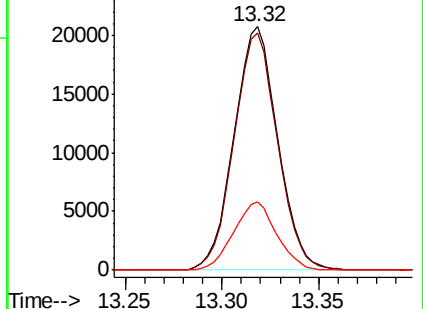
145 27.5 22.2 33.2

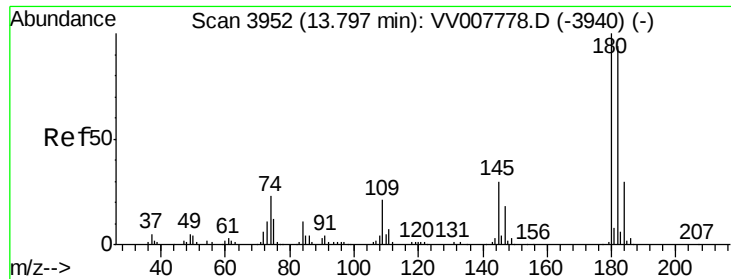


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 3.849 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV007782.D
 Acq: 23 Sep 2018 12:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R6

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.4	116.2
145	30.1	23.3	34.9

