

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007752.D
 Acq On : 22 Sep 2018 22:52
 Operator : SY/MD
 Sample : J5012-05 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08L3

Quant Time: Sep 24 04:33:59 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	180308	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41335	42.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.36%
7) Chloroethane-d5	1.59	69	41354	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.88%
11) 1,1-Dichloroethene-d2	2.14	63	80342	34.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.54%
21) 2-Butanone-d5	3.95	46	60565	93.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.58%
24) Chloroform-d	4.41	84	92619	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
26) 1,2-Dichloroethane-d4	5.09	65	63966	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
32) Benzene-d6	5.11	84	188087	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.13	67	56753	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.36	98	194821	46.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.38%
43) trans-1,3-Dichloropropene-	7.67	79	22712	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.60%
47) 2-Hexanone-d5	8.14	63	48561	92.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84654	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.30	152	93647	45.56	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%

Target Compounds

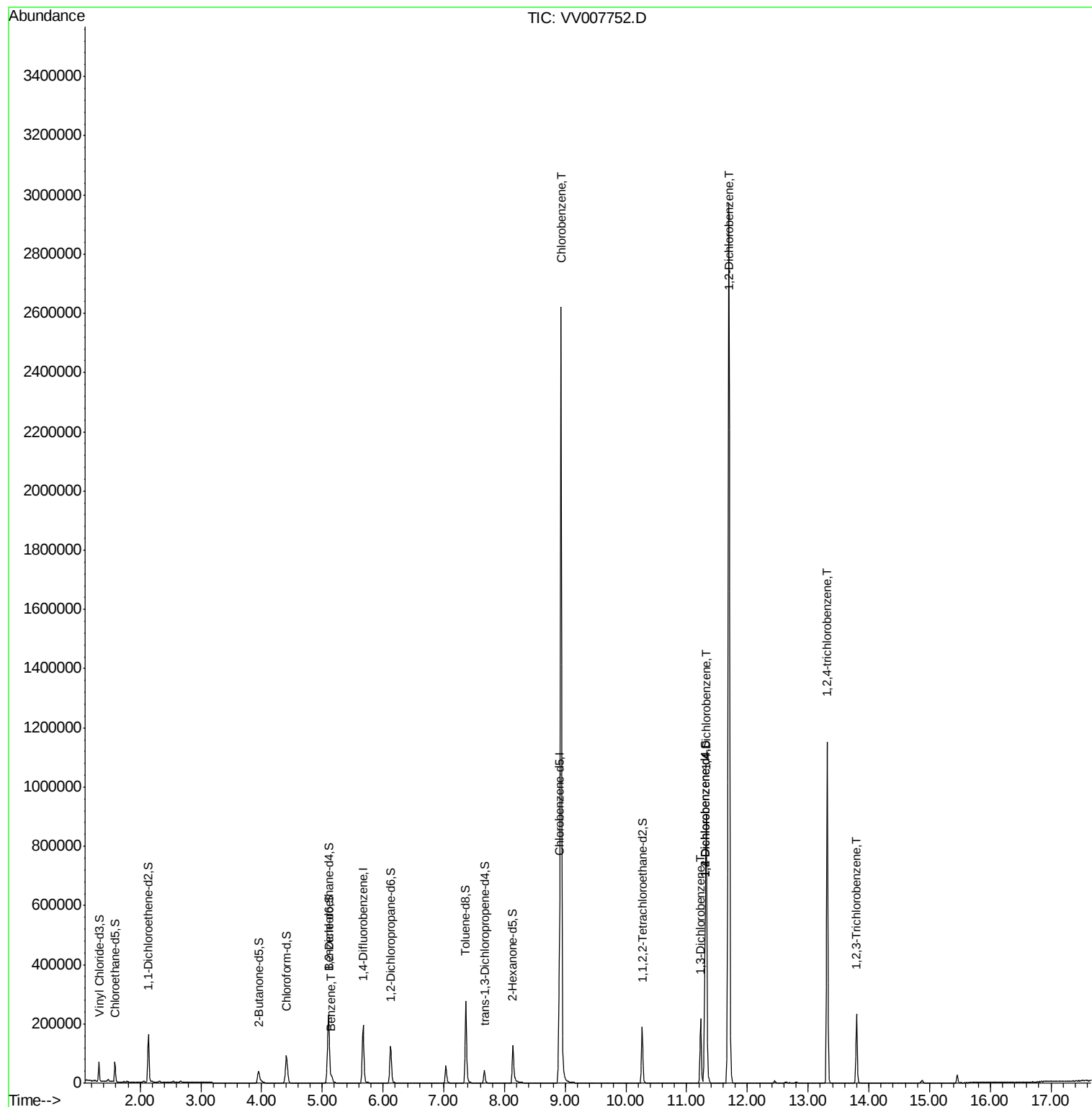
					Ovalue
33) Benzene	5.15	78	21356	5.078	ug/L 100
51) Chlorobenzene	8.93	112	1474146	410.487	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	96385	30.422	ug/L 99
63) 1,4-Dichlorobenzene	11.32	146	380371	115.746	ug/L 99
65) 1,2-Dichlorobenzene	11.70	146	1267166	395.550	ug/L 99
68) 1,2,4-trichlorobenzene	13.31	180	375480	157.228	ug/L 100
70) 1,2,3-Trichlorobenzene	13.80	180	77073	31.929	ug/L 99

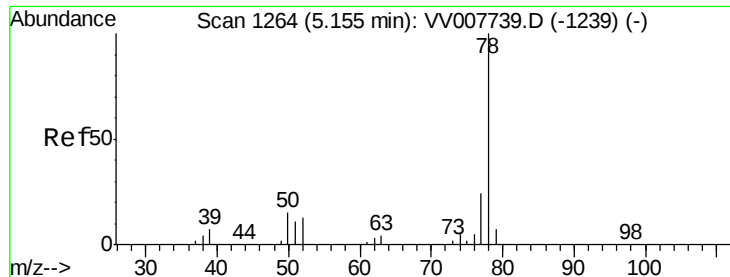
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 5.078 ug/L

RT: 5.15 min Scan# 1264

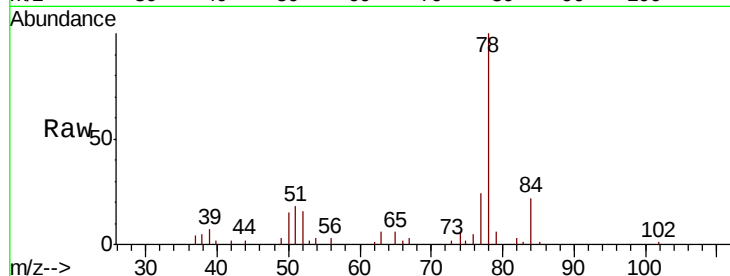
Delta R.T. -0.00 min

Lab File: VV007752.D

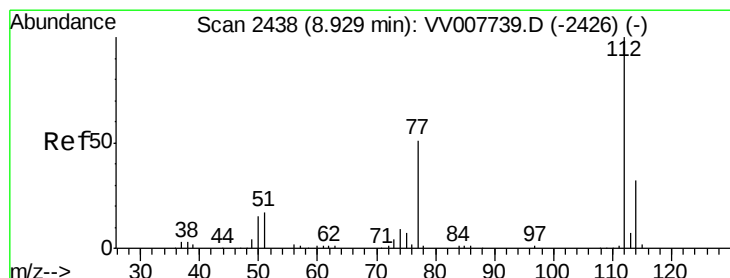
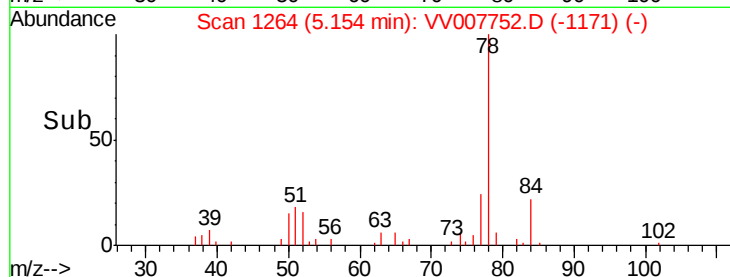
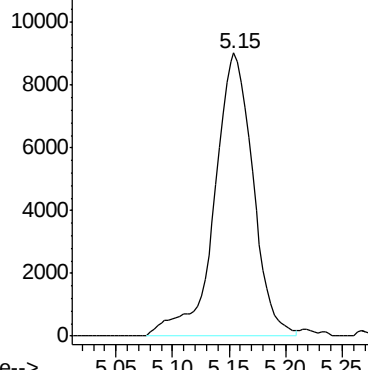
Acq: 22 Sep 2018 22:52

Instrument :
MSVOA_V
ClientSampleId :
C08L3

Tgt Ion: 78 Resp: 21356



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 410.487 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007752.D

Acq: 22 Sep 2018 22:52

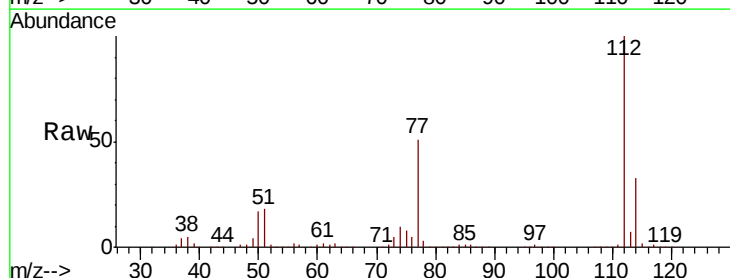
Tgt Ion: 112 Resp: 1474146

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.3
77	51.5	40.6	60.8

112 100

114 32.6 22.3 41.3

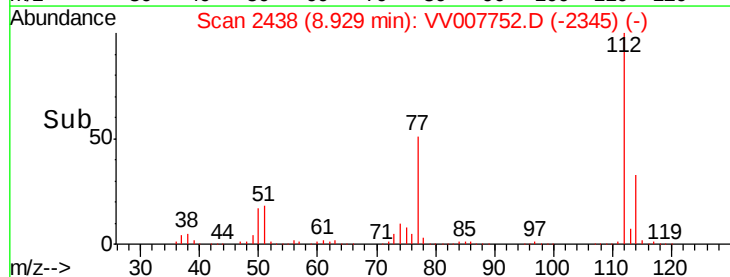
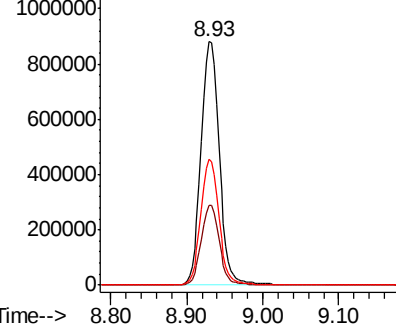
77 51.5 40.6 60.8

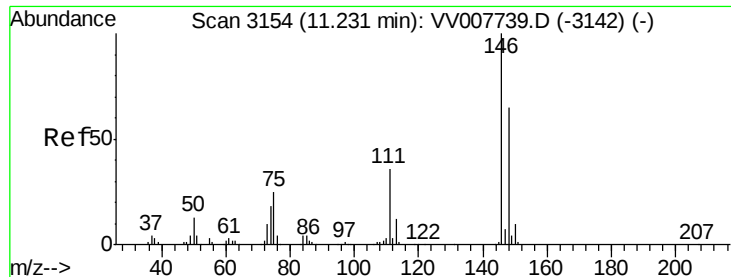


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 30.422 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007752.D

Acq: 22 Sep 2018 22:52

Instrument :

MSVOA_V

ClientSampleId :

C08L3

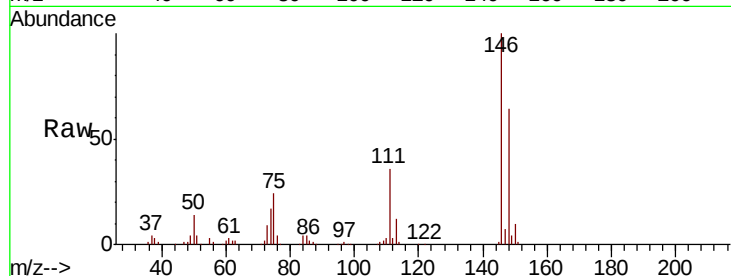
Tot Ion:146 Resp: 96385

Ion Ratio Lower Upper

146 100

111 36.1 25.1 46.7

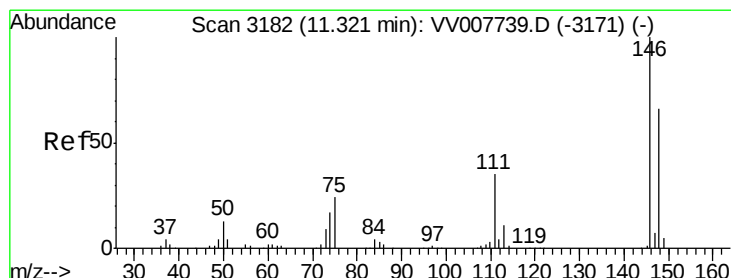
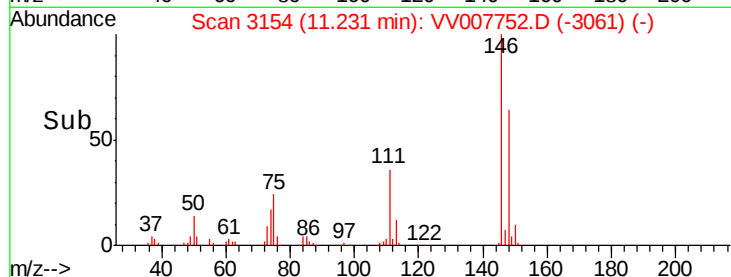
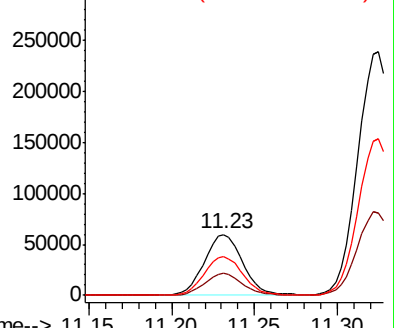
148 64.0 45.1 83.9



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: 115.746 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007752.D

Acq: 22 Sep 2018 22:52

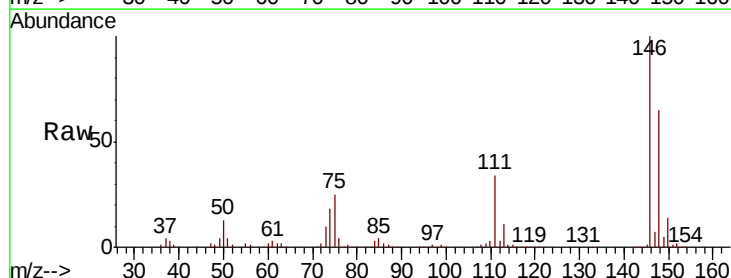
Tgt Ion:146 Resp: 380371

Ion Ratio Lower Upper

146 100

111 34.1 24.4 45.4

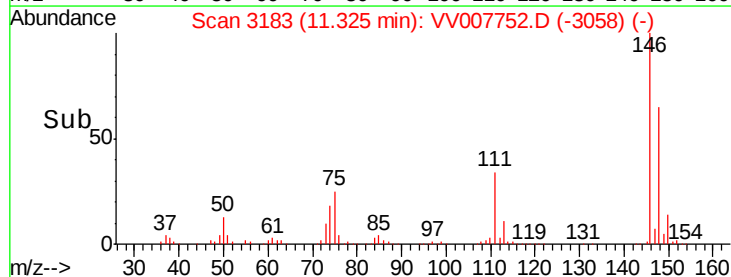
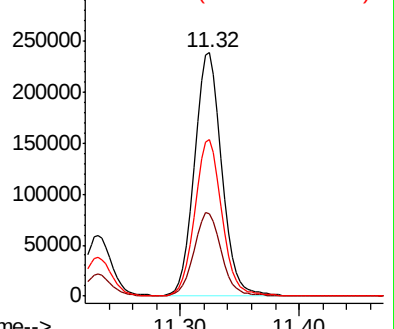
148 64.5 45.1 83.7

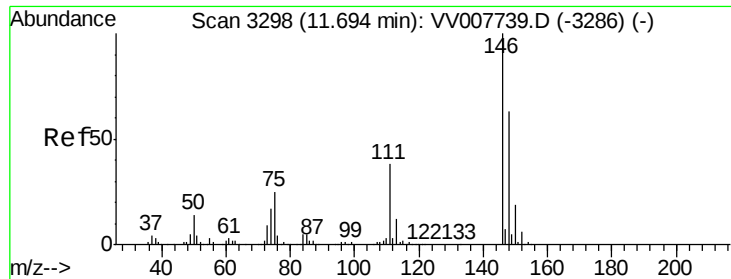


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 395.550 ug/L

RT: 11.70 min Scan# 3299

Delta R.T. 0.00 min

Lab File: VV007752.D

Acq: 22 Sep 2018 22:52

Instrument :

MSVOA_V

ClientSampleId :

C08L3

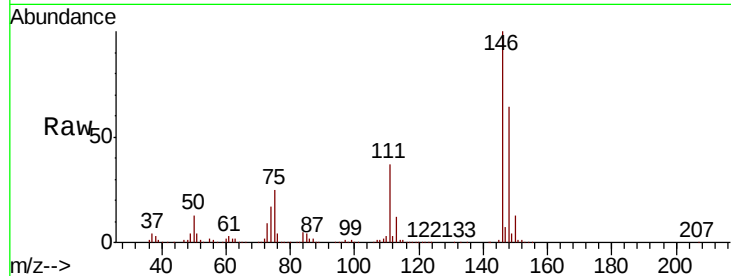
Tot Ion:146 Resp: 1267166

Ion Ratio Lower Upper

146 100

111 36.8 29.8 44.8

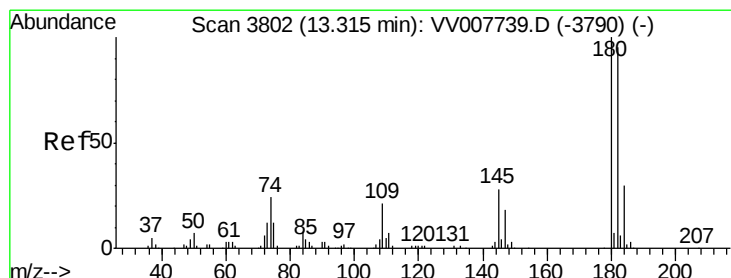
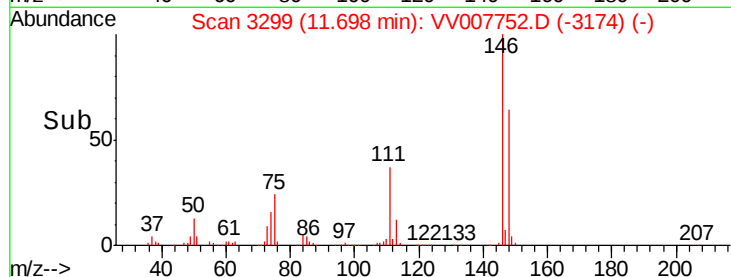
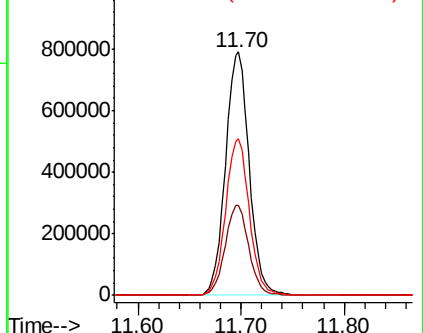
148 64.4 50.8 76.2



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: 157.228 ug/L

RT: 13.31 min Scan# 3802

Delta R.T. -0.00 min

Lab File: VV007752.D

Acq: 22 Sep 2018 22:52

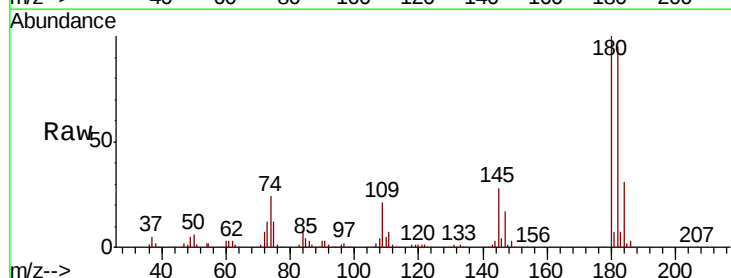
Tgt Ion:180 Resp: 375480

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

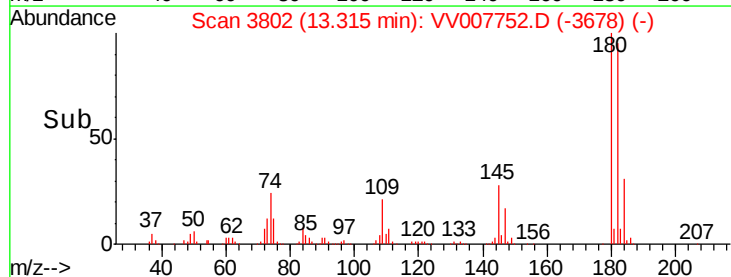
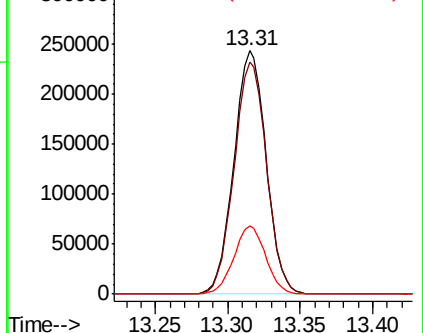
145 27.6 22.2 33.2

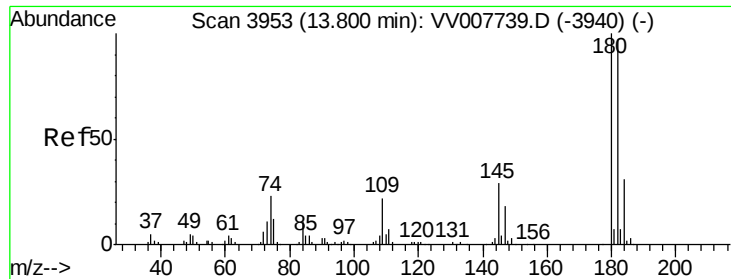


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 31.929 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. -0.00 min
 Lab File: VV007752.D
 Acq: 22 Sep 2018 22:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C08L3

Tot Ion:180 Resp: 77073
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.4 116.2
 145 28.6 23.3 34.9

