

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007753.D
 Acq On : 22 Sep 2018 23:17
 Operator : SY/MD
 Sample : J5012-02 25X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

Quant Time: Sep 24 04:37:42 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	184946	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43827	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.20%
7) Chloroethane-d5	1.59	69	43523	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.14	63	83776	35.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
21) 2-Butanone-d5	3.95	46	63398	95.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.41	84	95205	44.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.09	65	66946	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
32) Benzene-d6	5.11	84	198170	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
36) 1,2-Dichloropropane-d6	6.13	67	59062	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.36	98	202386	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
43) trans-1,3-Dichloropropene-	7.67	79	23636	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.24%
47) 2-Hexanone-d5	8.14	63	49233	93.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85740	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	97062	49.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.48%

Target Compounds

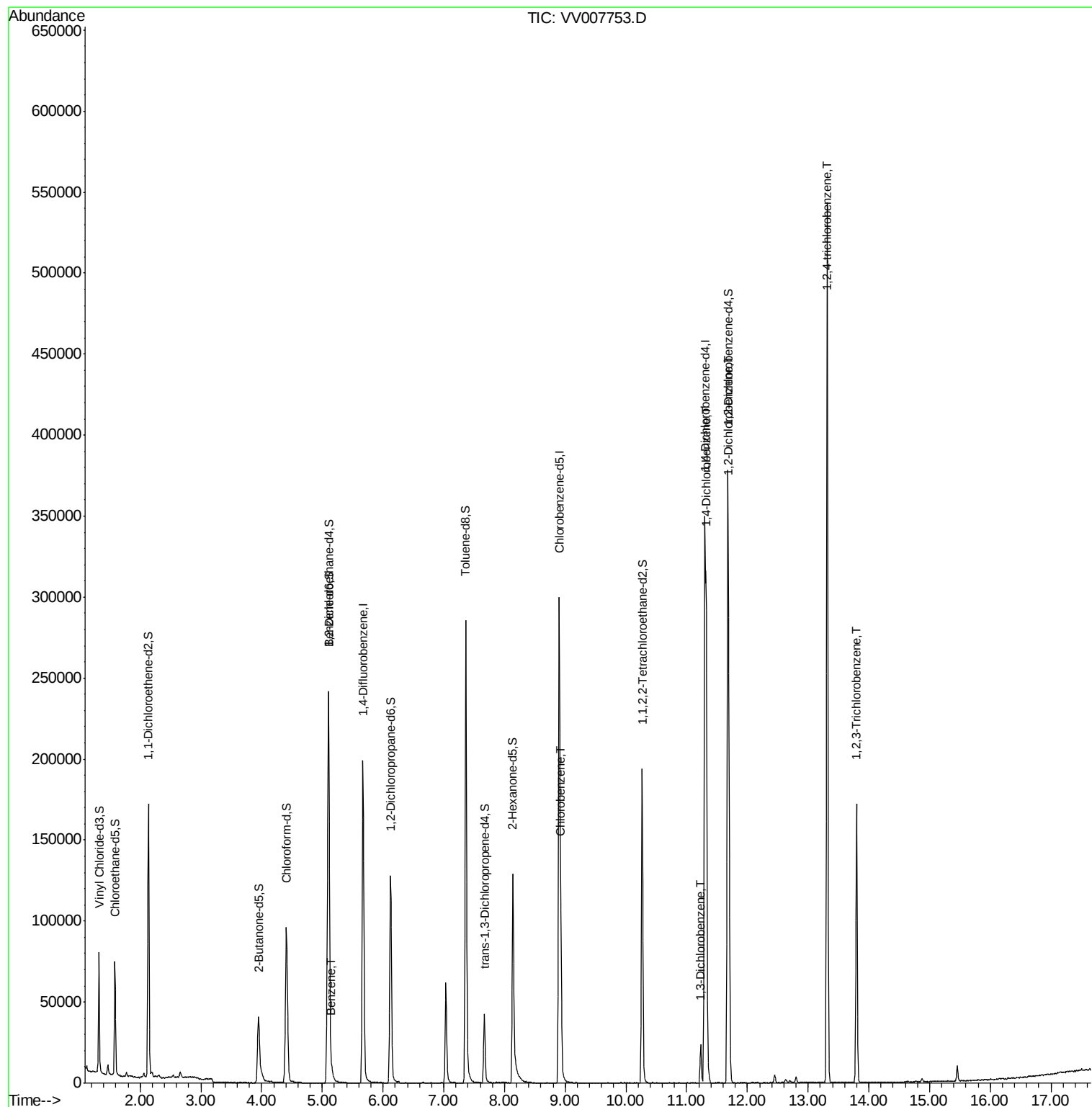
					Ovalue
33) Benzene	5.15	78	4246	1.004	ug/L 100
51) Chlorobenzene	8.93	112	49508	13.710	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	11159	3.673	ug/L 97
63) 1,4-Dichlorobenzene	11.32	146	119734	37.996	ug/L 100
65) 1,2-Dichlorobenzene	11.69	146	75504	24.579	ug/L 99
68) 1,2,4-trichlorobenzene	13.32	180	180551	78.843	ug/L 99
70) 1,2,3-Trichlorobenzene	13.80	180	57428	24.810	ug/L 98

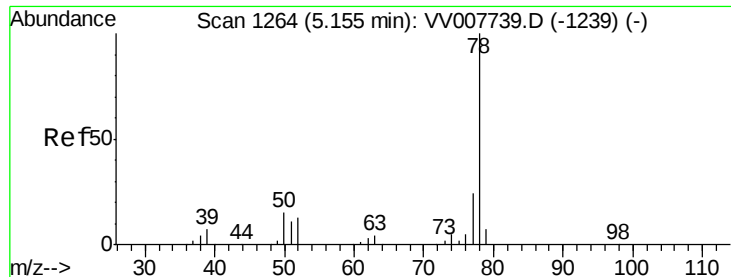
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 1.004 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

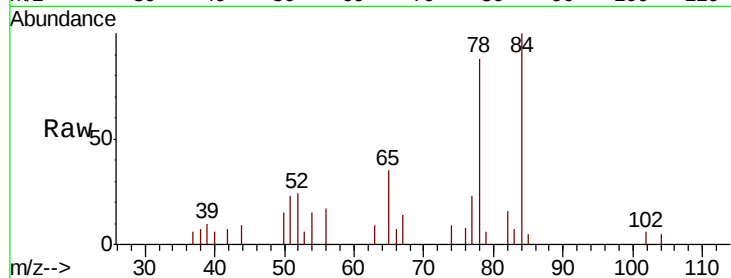
Instrument :

MSVOA_V

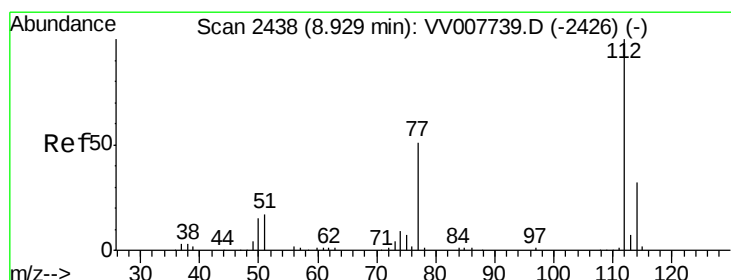
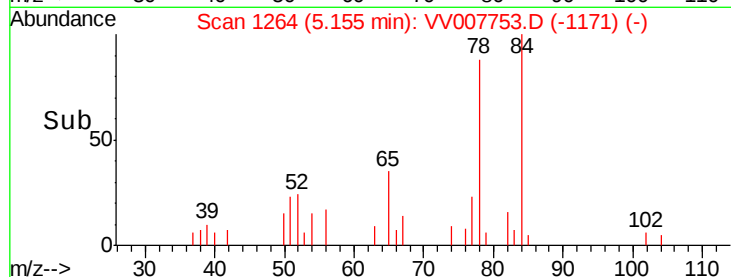
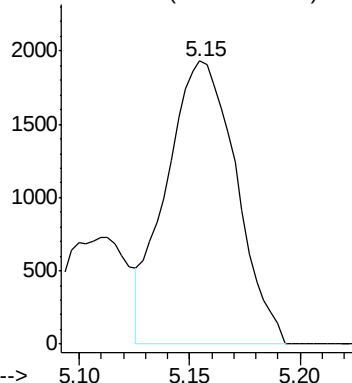
ClientSampled :

C08K4

Tgt Ion: 78 Resp: 4246



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 13.710 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

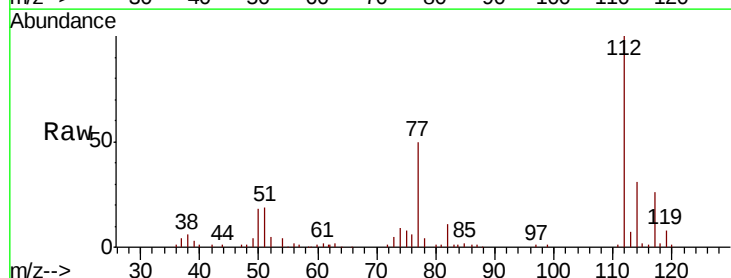
Tgt Ion: 112 Resp: 49508

Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.3

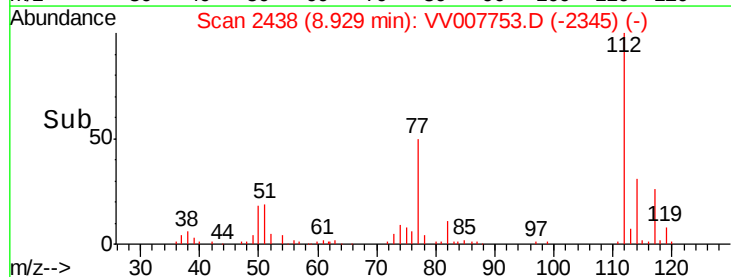
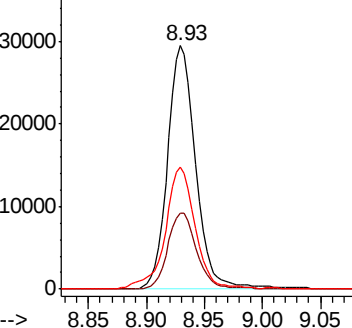
77 50.0 40.6 60.8

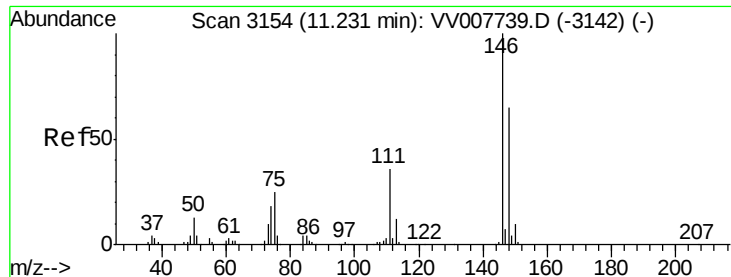


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 3.673 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

C08K4

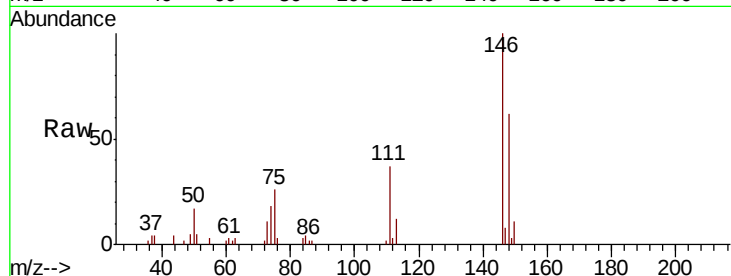
Tot Ion:146 Resp: 11159

Ion Ratio Lower Upper

146 100

111 37.0 25.1 46.7

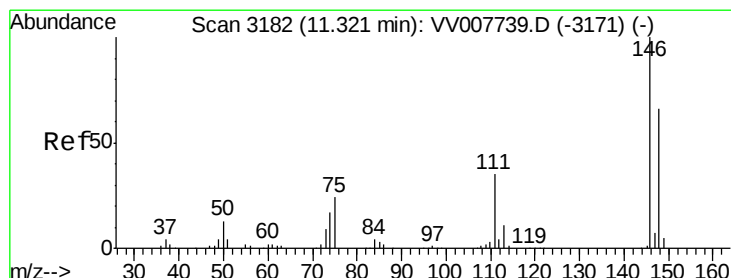
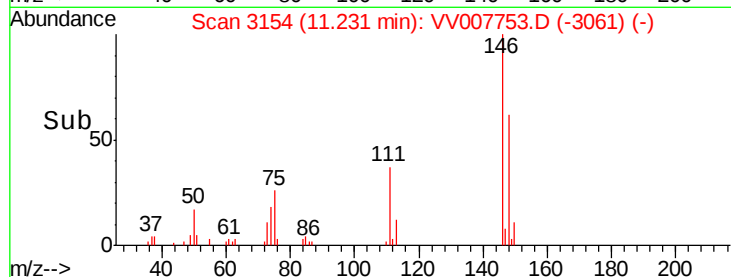
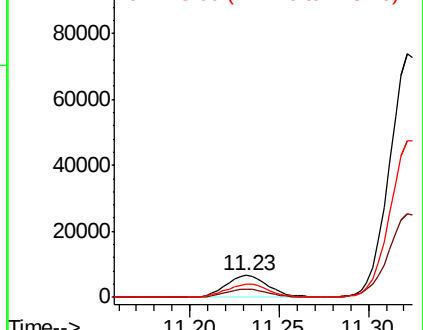
148 62.1 45.1 83.9



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: 37.996 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

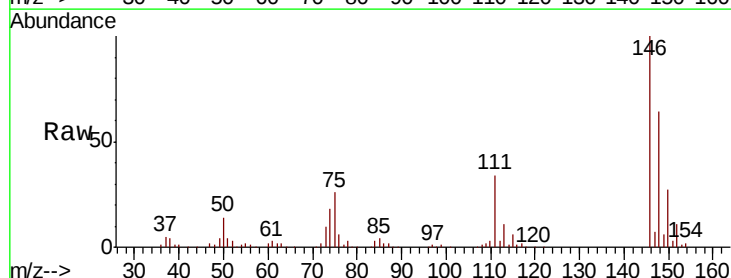
Tgt Ion:146 Resp: 119734

Ion Ratio Lower Upper

146 100

111 34.2 24.4 45.4

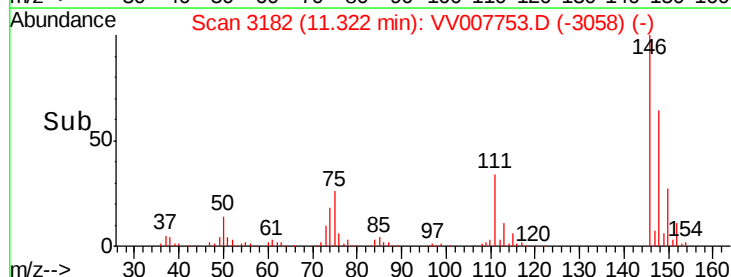
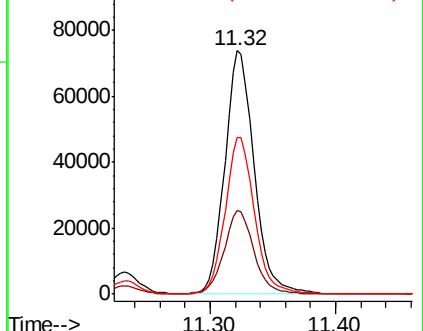
148 64.3 45.1 83.7

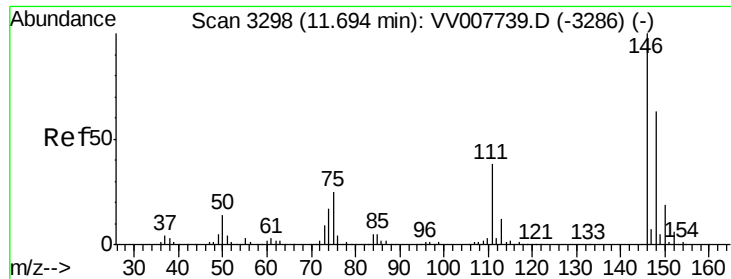


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 24.579 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

Instrument :

MSVOA_V

ClientSampleId :

C08K4

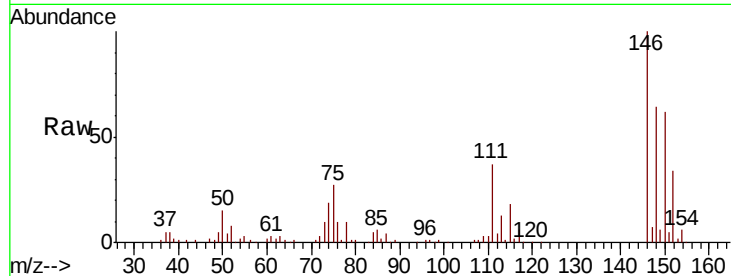
Tot Ion:146 Resp: 75504

Ion Ratio Lower Upper

146 100

111 37.0 29.8 44.8

148 64.3 50.8 76.2

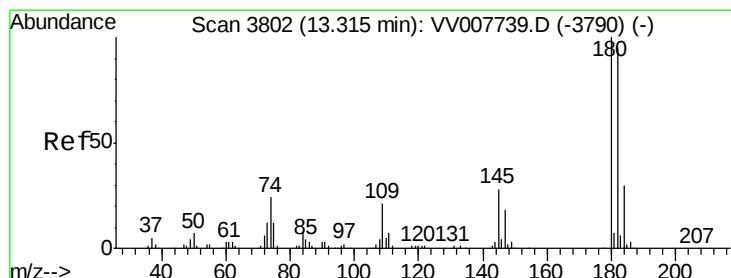
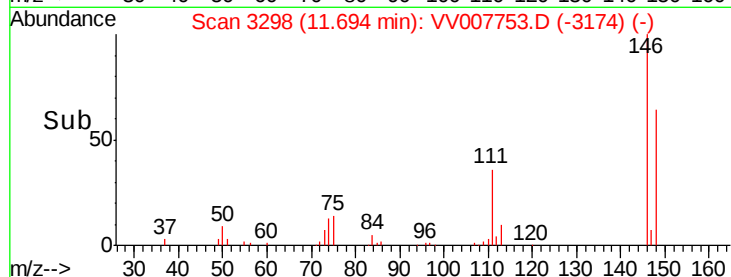
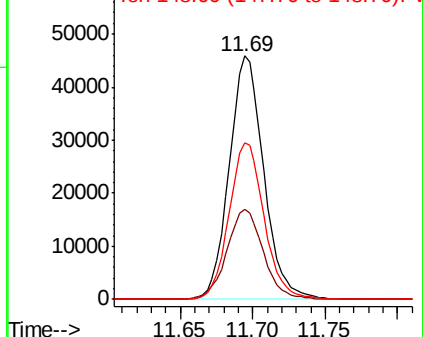


Abundance

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: 78.843 ug/L

RT: 13.32 min Scan# 3802

Delta R.T. 0.00 min

Lab File: VV007753.D

Acq: 22 Sep 2018 23:17

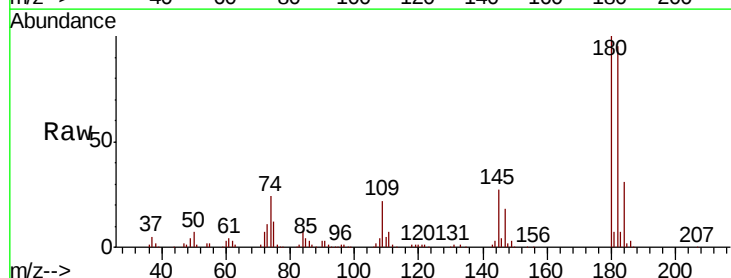
Tgt Ion:180 Resp: 180551

Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.6

145 27.4 22.2 33.2

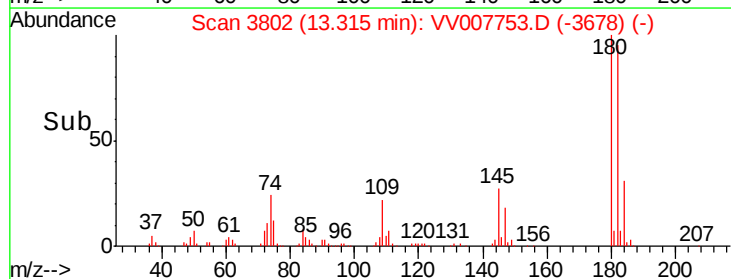
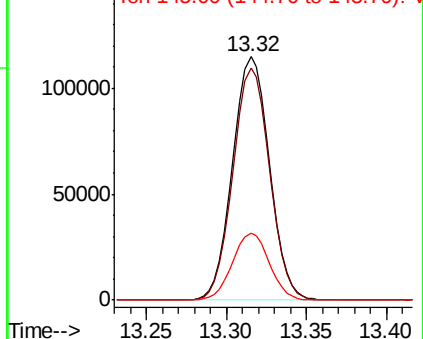


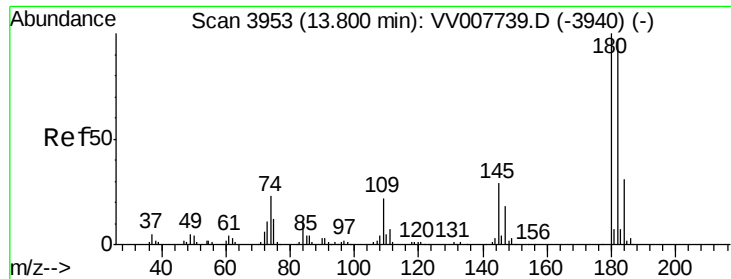
Abundance

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: 24.810 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007753.D
 Acq: 22 Sep 2018 23:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C08K4

Tot Ion:	180	Resp:	57428
Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.4	116.2
145	28.6	23.3	34.9

