

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112618\
 Data File : VV008722.D
 Acq On : 26 Nov 2018 19:26
 Operator : SY/MD
 Sample : J6036-02
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0925

Quant Time: Nov 29 10:35:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 27 03:11:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	265124	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	245263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78945	42.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.42%
7) Chloroethane-d5	1.56	69	58015	56.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.56%
11) 1,1-Dichloroethene-d2	2.13	63	107374	34.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.56%
21) 2-Butanone-d5	3.93	46	141992	93.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	4.41	84	170986	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	5.08	65	113887	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
32) Benzene-d6	5.10	84	359507	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
36) 1,2-Dichloropropane-d6	6.12	67	115400	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.78%
41) Toluene-d8	7.36	98	323171	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	7.67	79	47384	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.84%
47) 2-Hexanone-d5	8.13	63	96531	89.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	149735	46.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	117152	52.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.58%

Target Compounds

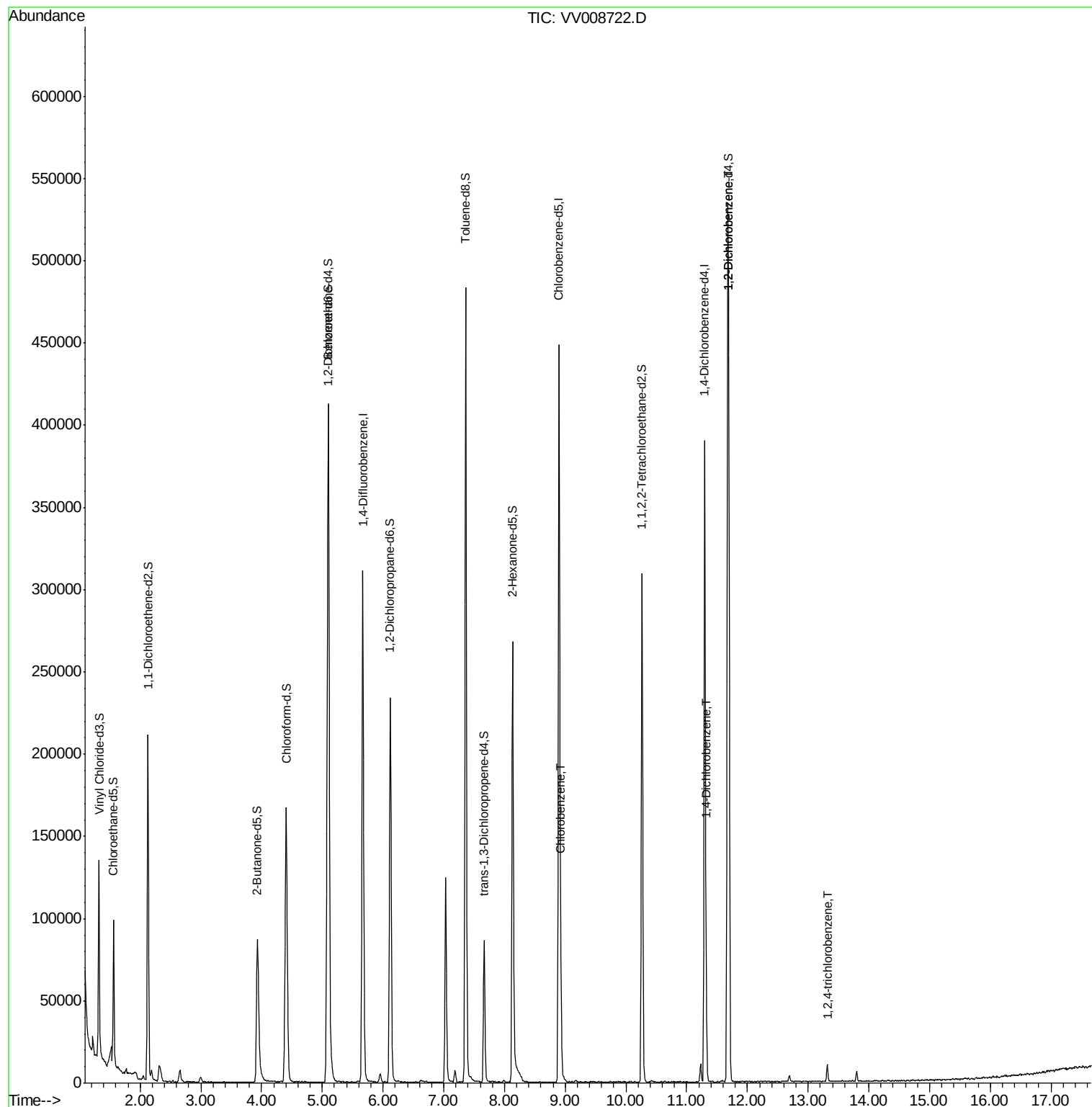
					Ovalue
51) Chlorobenzene	8.93	112	33856	6.489 ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	11241	3.207 ug/L	92
65) 1,2-Dichlorobenzene	11.69	146	139791	39.377 ug/L	95
68) 1,2,4-trichlorobenzene	13.32	180	3862	2.125 ug/L	94

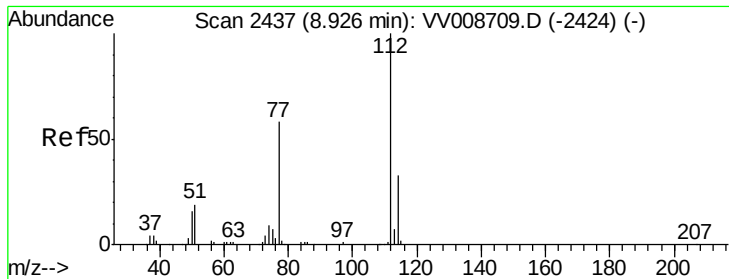
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#51

Chlorobenzene

Concen: 6.489 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

Instrument :

MSVOA_V

ClientSampled :

C0925

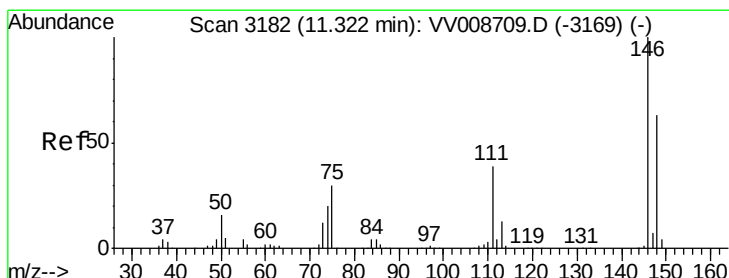
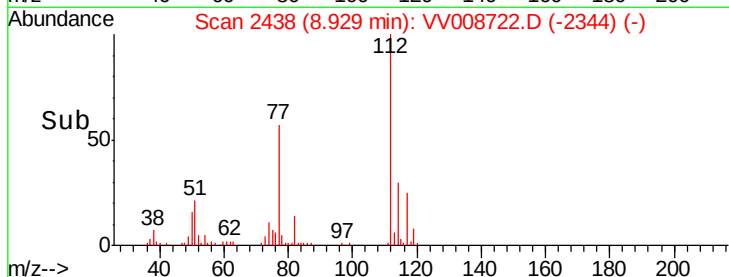
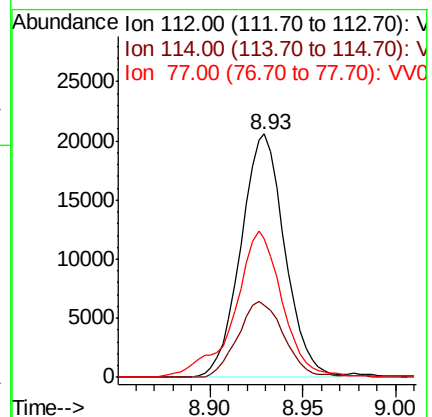
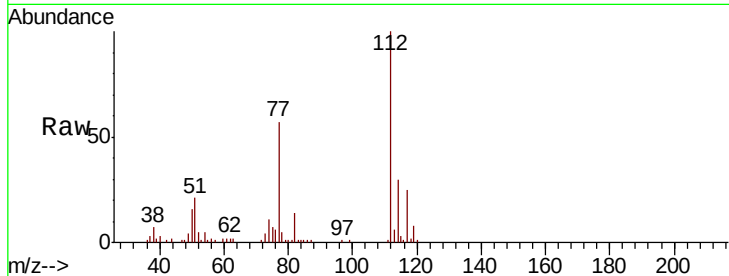
Tot Ion:112 Resp: 33856

Ion Ratio Lower Upper

112 100

114 29.8 22.9 42.5

77 57.1 53.8 80.6



#63

1,4-Dichlorobenzene

Concen: 3.207 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

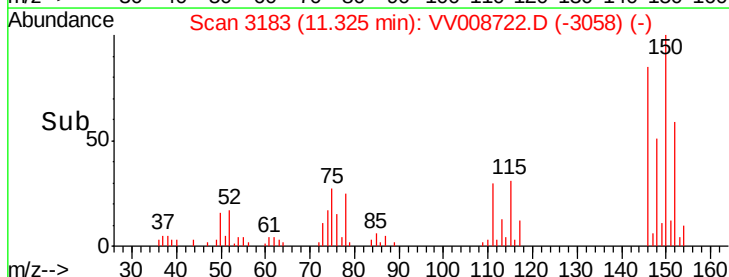
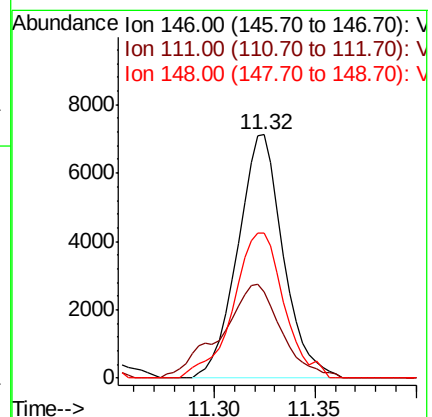
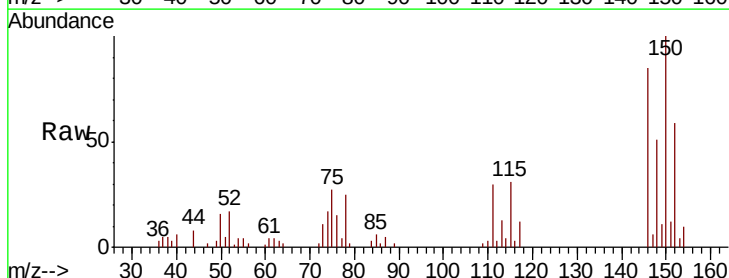
Tgt Ion:146 Resp: 11241

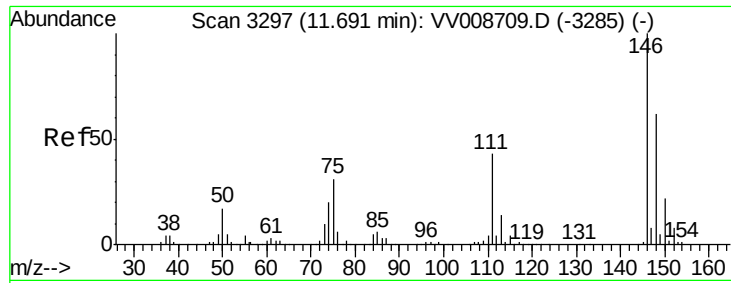
Ion Ratio Lower Upper

146 100

111 35.5 27.7 51.5

148 59.6 46.4 86.2





#65

1,2-Dichlorobenzene

Concen: 39.377 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

Instrument :

MSVOA_V

ClientSampleId :

C0925

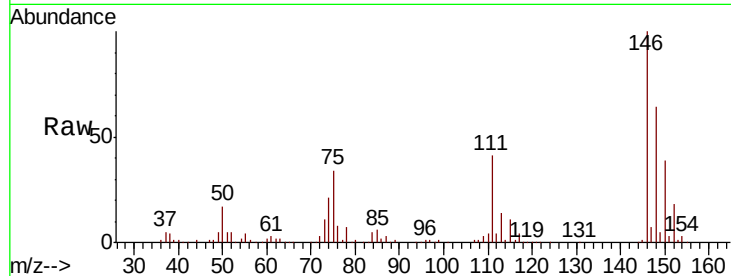
Tot Ion:146 Resp: 139791

Ion Ratio Lower Upper

146 100

111 41.2 36.5 54.7

148 63.9 48.7 73.1

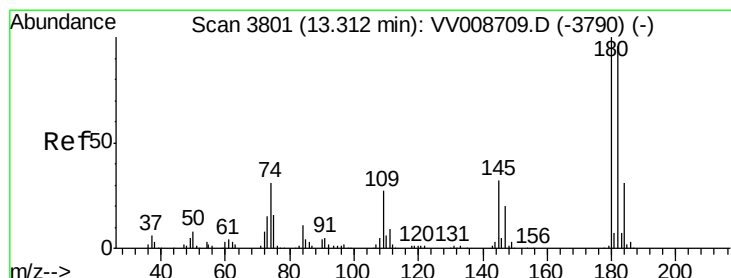
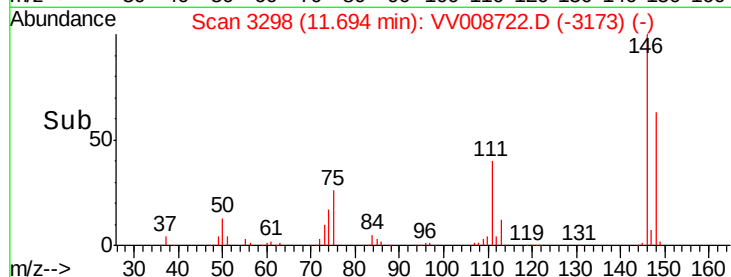
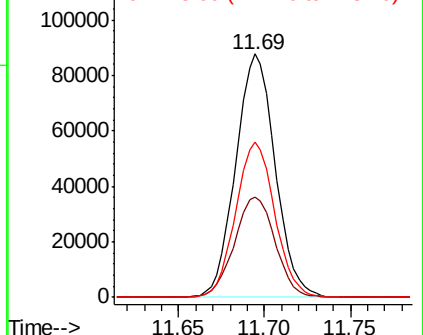


Abundance

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: 2.125 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.01 min

Lab File: VV008722.D

Acq: 26 Nov 2018 19:26

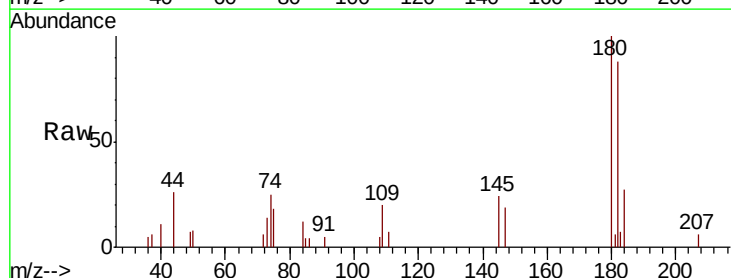
Tgt Ion:180 Resp: 3862

Ion Ratio Lower Upper

180 100

182 89.8 75.7 113.5

145 30.8 28.0 42.0



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

