

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007747.D
 Acq On : 22 Sep 2018 20:47
 Operator : SY/MD
 Sample : J5012-13
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08Q2

Quant Time: Sep 24 04:16:37 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	188781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40514	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.98%
7) Chloroethane-d5	1.59	69	39595	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.94%
11) 1,1-Dichloroethene-d2	2.14	63	77257	31.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.88%
21) 2-Butanone-d5	3.95	46	57797	85.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.29%
24) Chloroform-d	4.41	84	89460	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.09	65	60484	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
32) Benzene-d6	5.11	84	178214	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.50%
36) 1,2-Dichloropropane-d6	6.13	67	53116	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.30%
41) Toluene-d8	7.36	98	183535	42.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.26%
43) trans-1,3-Dichloropropene-	7.67	79	22043	35.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.02%
47) 2-Hexanone-d5	8.14	63	38980	71.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78737	40.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	87992	43.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.56%

Target Compounds

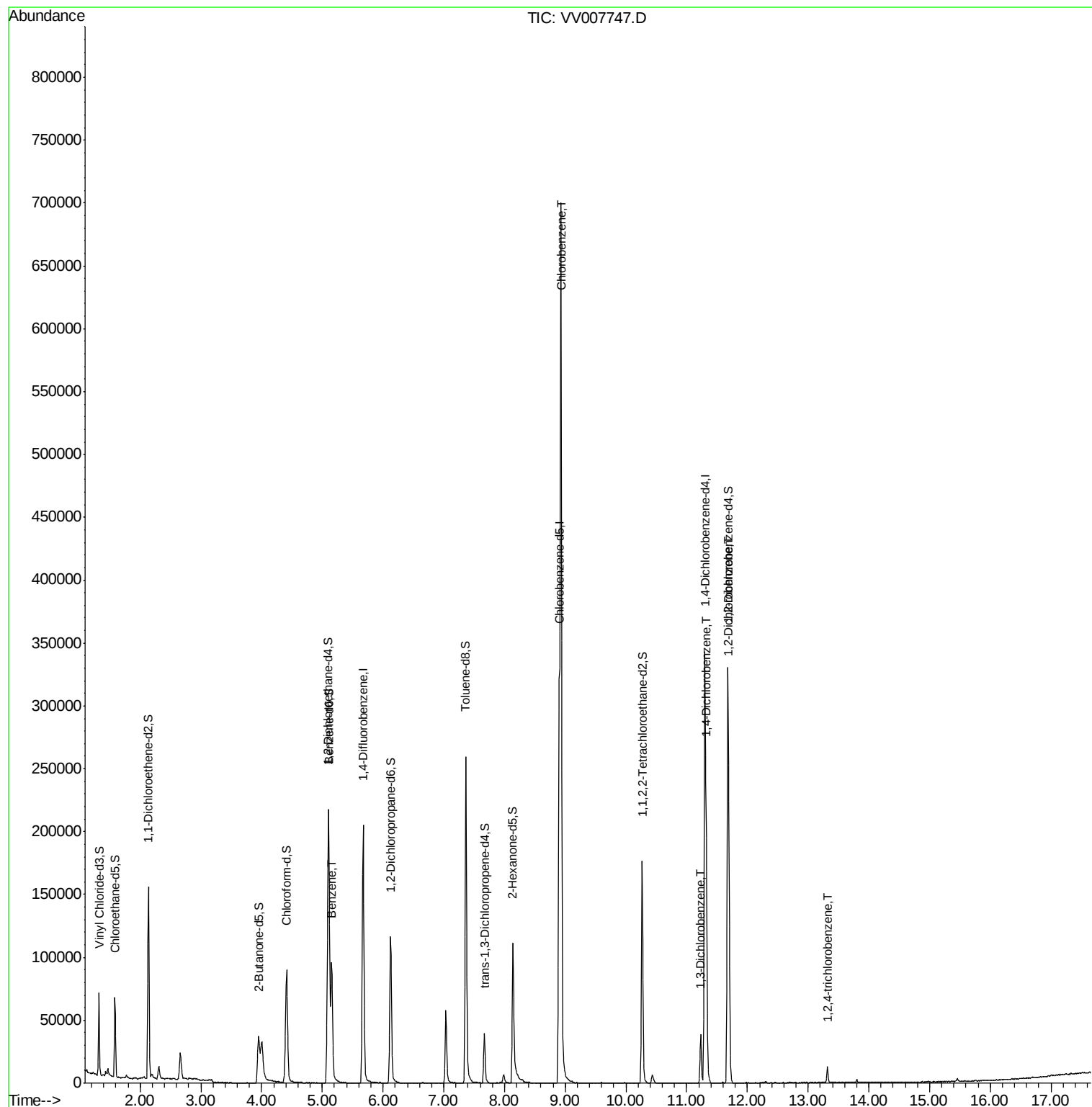
					Ovalue
33) Benzene	5.15	78	91360	21.030	ug/L 100
51) Chlorobenzene	8.93	112	391064	105.427	ug/L 98
62) 1,3-Dichlorobenzene	11.23	146	18390	5.937	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	73569	22.897	ug/L 98
65) 1,2-Dichlorobenzene	11.69	146	64225	20.505	ug/L 98
68) 1,2,4-trichlorobenzene	13.32	180	4611	1.975	ug/L 94

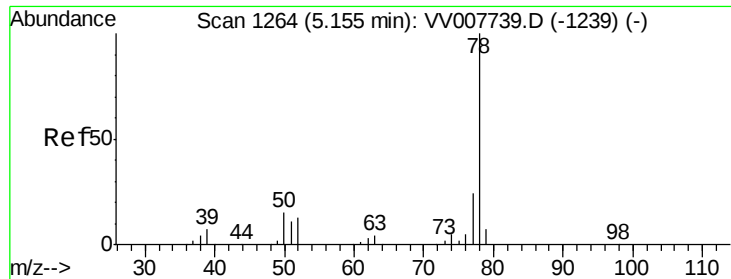
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#33

Benzene

Concen: 21.030 ug/L

RT: 5.15 min Scan# 1264

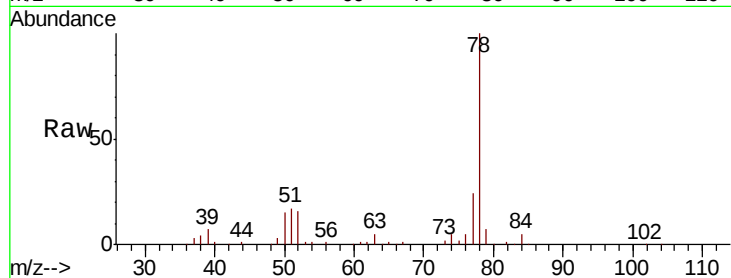
Delta R.T. 0.00 min

Lab File: VV007747.D

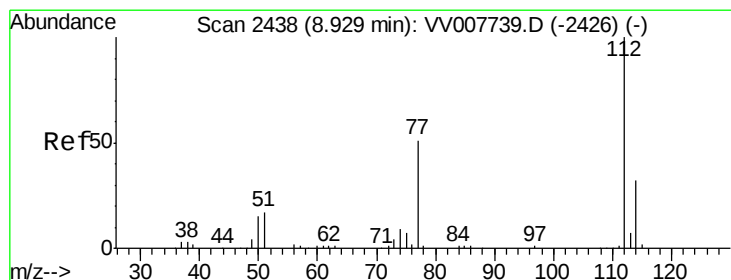
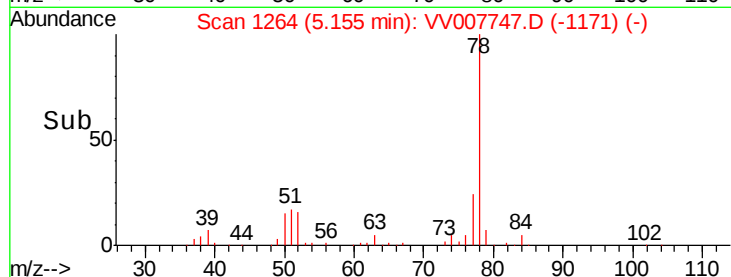
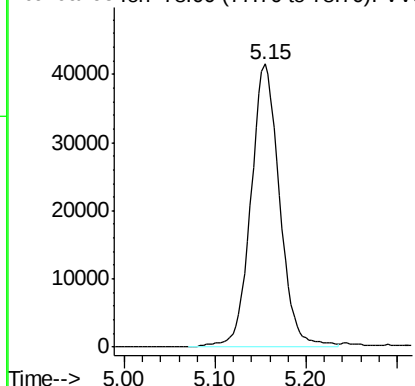
Acq: 22 Sep 2018 20:47

Instrument :
MSVOA_V
ClientSampleId :
C08Q2

Tgt Ion: 78 Resp: 91360



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 105.427 ug/L

RT: 8.93 min Scan# 2438

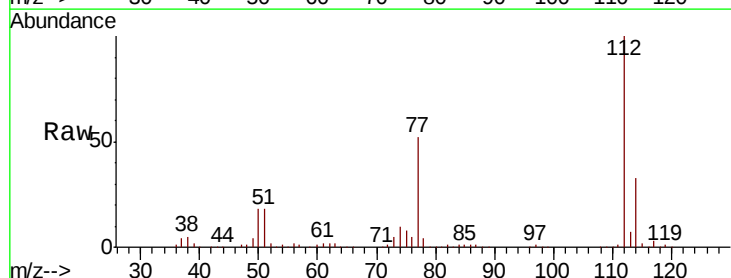
Delta R.T. 0.00 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

Tgt Ion: 112 Resp: 391064

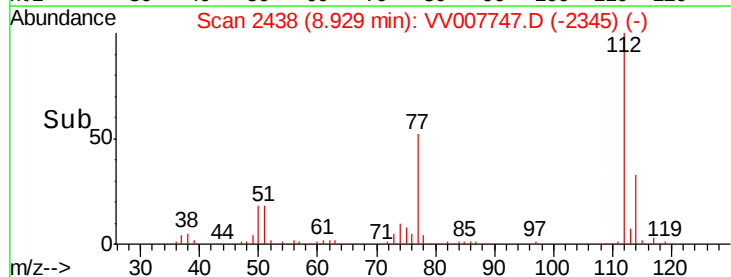
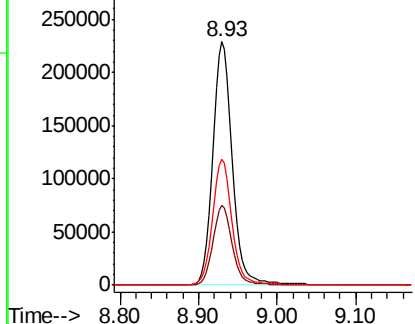
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.3
77	51.9	40.6	60.8

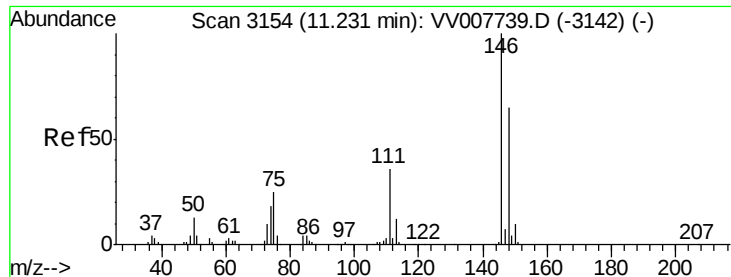


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 5.937 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

Instrument :

MSVOA_V

ClientSampleId :

C08Q2

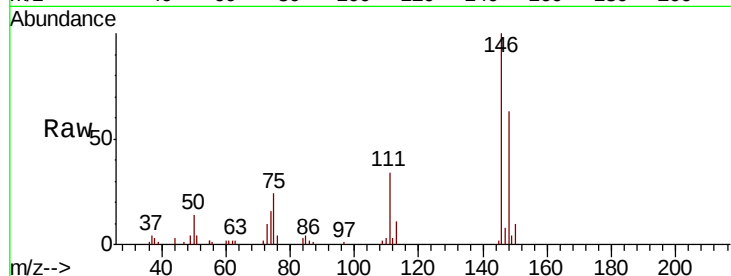
Tot Ion:146 Resp: 18390

Ion Ratio Lower Upper

146 100

111 34.5 25.1 46.7

148 62.9 45.1 83.9

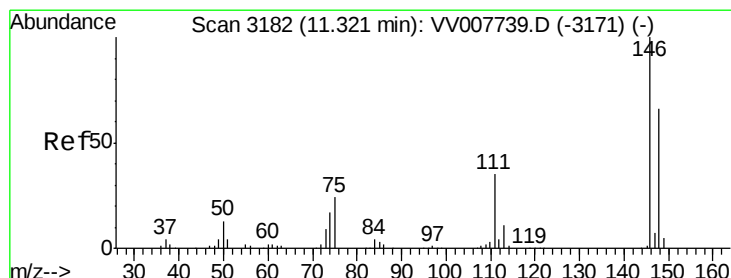
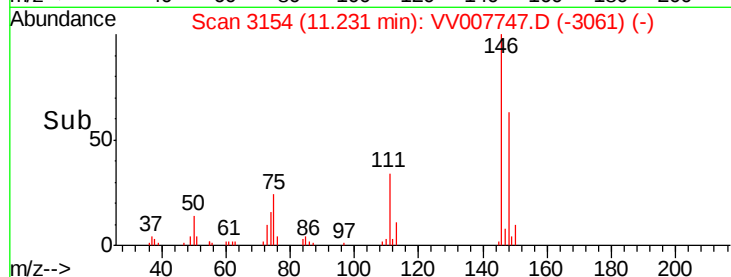
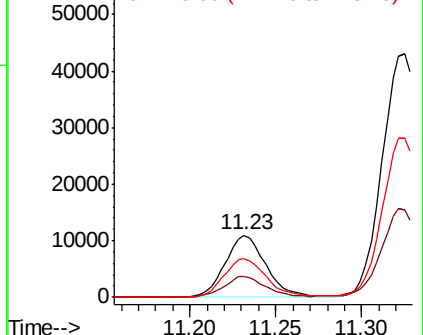


Abundance

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: 22.897 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

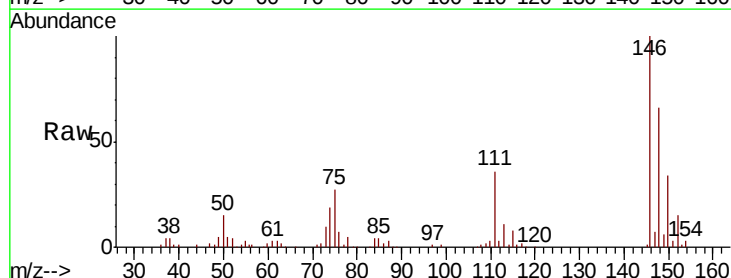
Tgt Ion:146 Resp: 73569

Ion Ratio Lower Upper

146 100

111 36.1 24.4 45.4

148 65.6 45.1 83.7

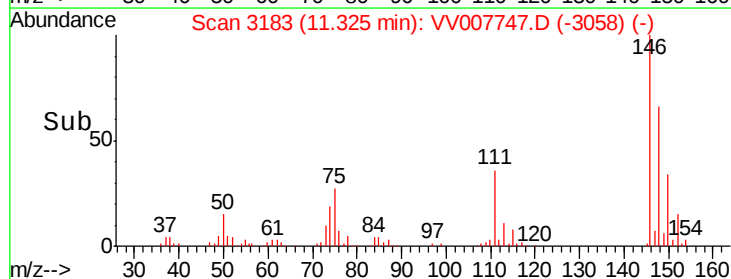
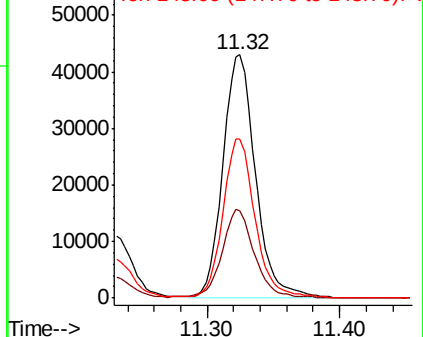


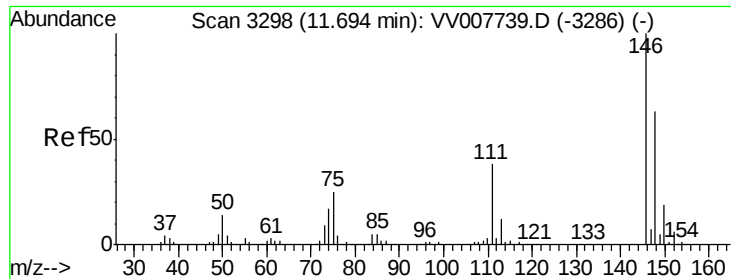
Abundance

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: 20.505 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

Instrument :

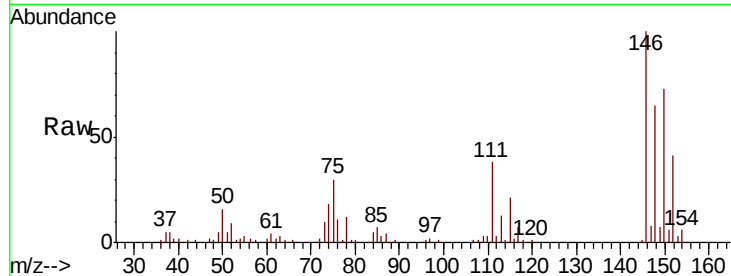
MSVOA_V

ClientSampleId :

C08Q2

Tot Ion:146 Resp: 64225

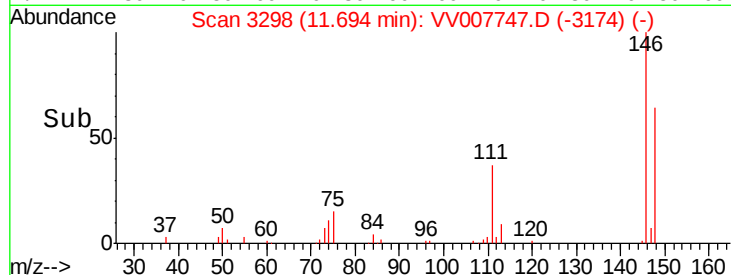
Ion	Ratio	Lower	Upper
146	100		
111	38.1	29.8	44.8
148	64.8	50.8	76.2



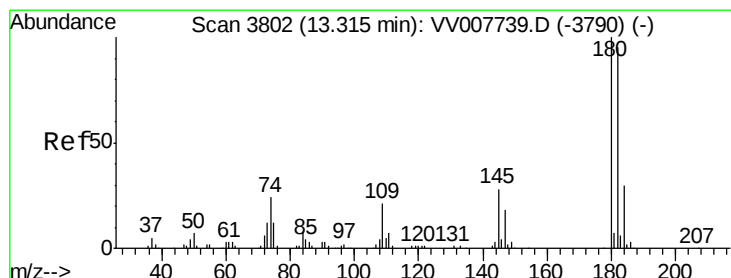
Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



Time-->



#68

1,2,4-trichlorobenzene

Concen: 1.975 ug/L

RT: 13.32 min Scan# 3803

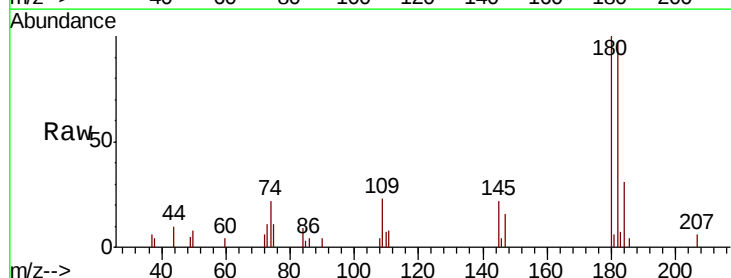
Delta R.T. 0.00 min

Lab File: VV007747.D

Acq: 22 Sep 2018 20:47

Tgt Ion:180 Resp: 4611

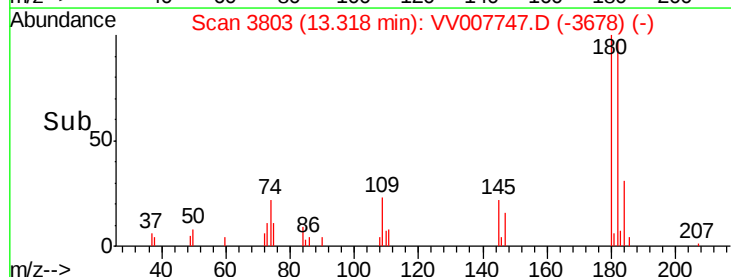
Ion	Ratio	Lower	Upper
180	100		
182	102.3	77.0	115.6
145	25.0	22.2	33.2



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



Time-->