

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007760.D
 Acq On : 23 Sep 2018 02:10
 Operator : SY/MD
 Sample : J5012-01 500X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08J8

Manual Integrations
 APPROVED

apatel
 9/25/2018 11:53:00 AM

Quant Time: Sep 24 04:55:45 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	181310	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94699	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39191	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.54%
7) Chloroethane-d5	1.59	69	39388	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.98%
11) 1,1-Dichloroethene-d2	2.14	63	77370m	33.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.60%
21) 2-Butanone-d5	3.95	46	57933	89.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	4.41	84	86768	41.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.26%
26) 1,2-Dichloroethane-d4	5.09	65	61525	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
32) Benzene-d6	5.11	84	181309	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.13	67	54168	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.64%
41) Toluene-d8	7.36	98	188200	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.67	79	20933	34.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.70%
47) 2-Hexanone-d5	8.14	63	44245	83.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.13%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79606	42.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.38%
64) 1,2-Dichlorobenzene-d4	11.68	152	88919	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%

Target Compounds

					Ovalue
33) Benzene	5.15	78	5048	1.184	ug/L 100
51) Chlorobenzene	8.93	112	630915	173.244	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	20825	6.936	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	71152	22.846	ug/L 98
65) 1,2-Dichlorobenzene	11.69	146	169376	55.788	ug/L 98
68) 1,2,4-trichlorobenzene	13.32	180	5290	2.337	ug/L 94

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

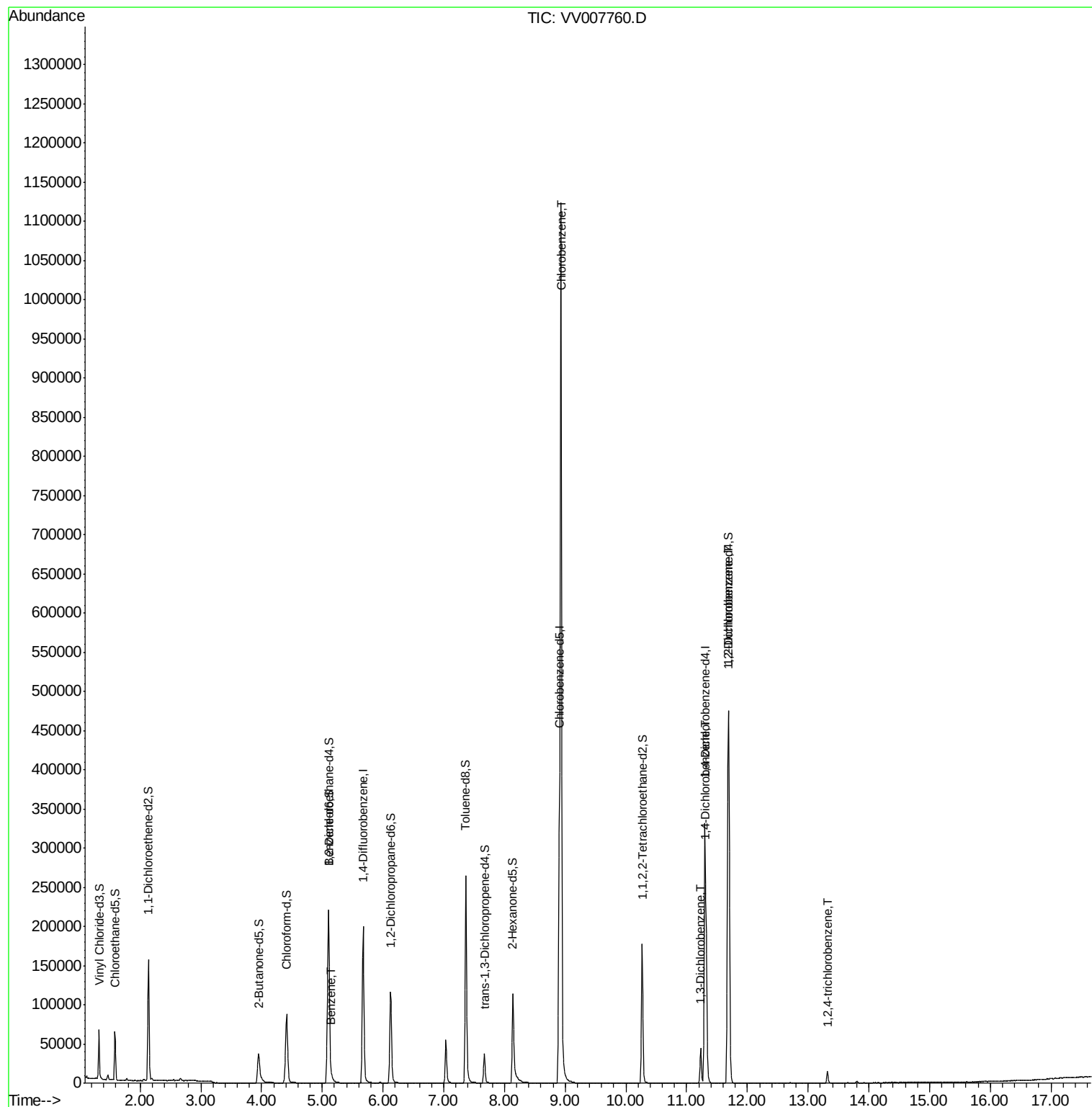
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092318\
Data File : VV007760.D
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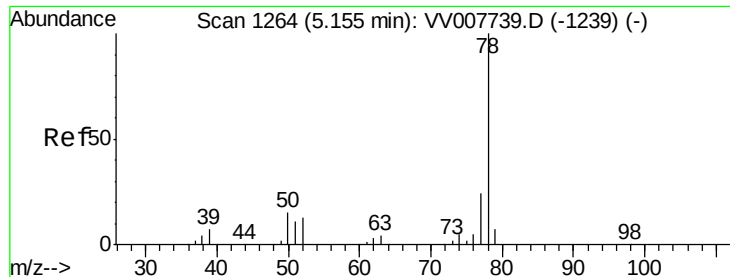
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration





#33

Benzene

Concen: 1.184 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VV007760.D

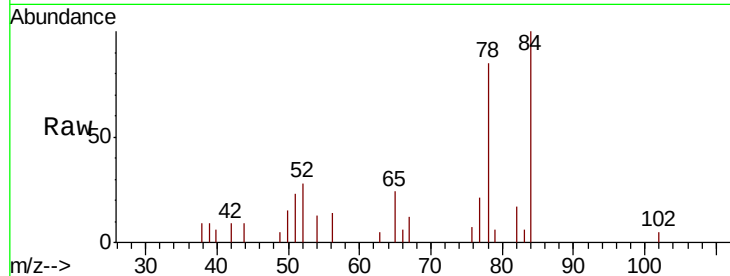
Acq: 23 Sep 2018 02:10

Instrument :
MSVOA_V
ClientSampled :
C08J8

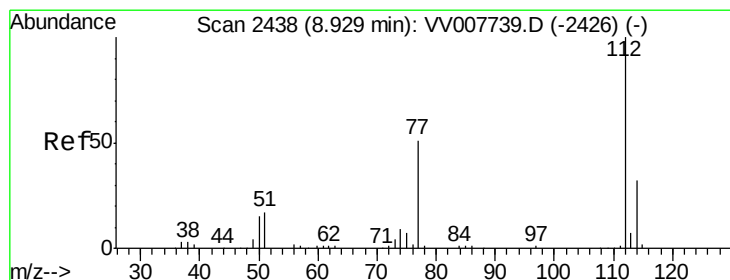
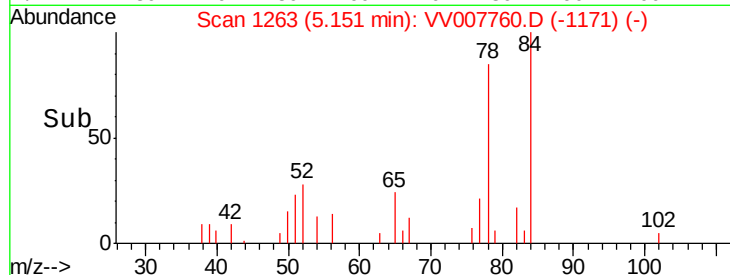
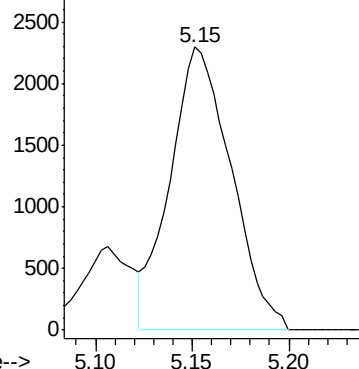
Tgt Ion: 78 Resp: 5048

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Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 173.244 ug/L

RT: 8.93 min Scan# 2438

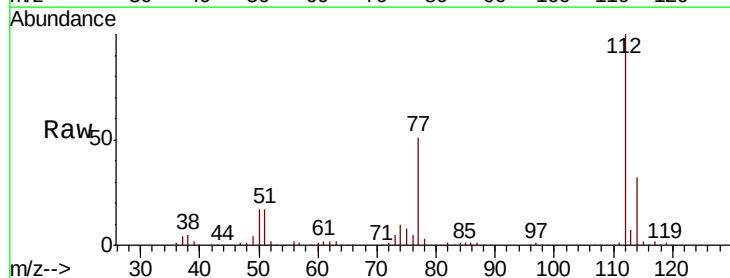
Delta R.T. -0.00 min

Lab File: VV007760.D

Acq: 23 Sep 2018 02:10

Tgt Ion: 112 Resp: 630915

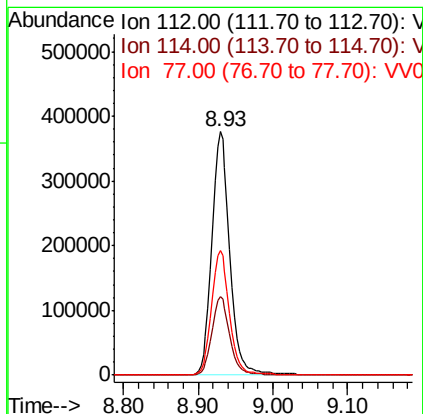
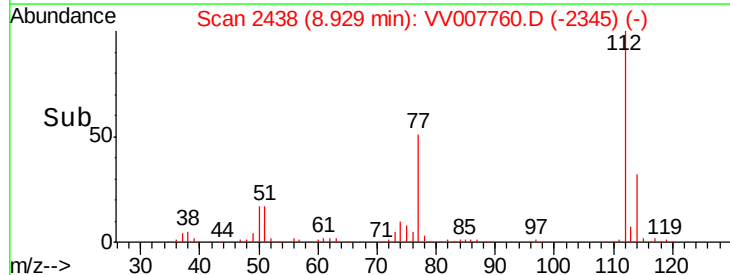
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.3
77	51.4	40.6	60.8

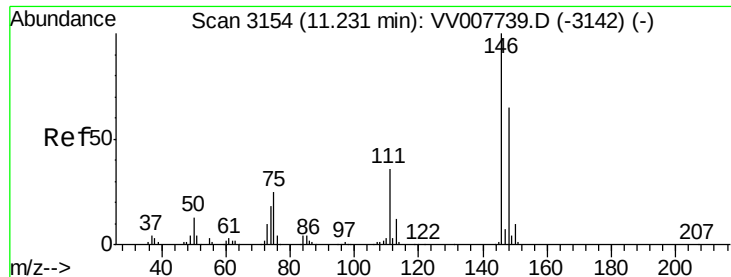


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 6.936 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007760.D

Acq: 23 Sep 2018 02:10

Instrument :

MSVOA_V

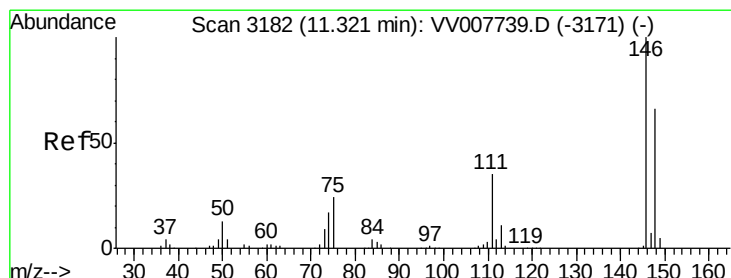
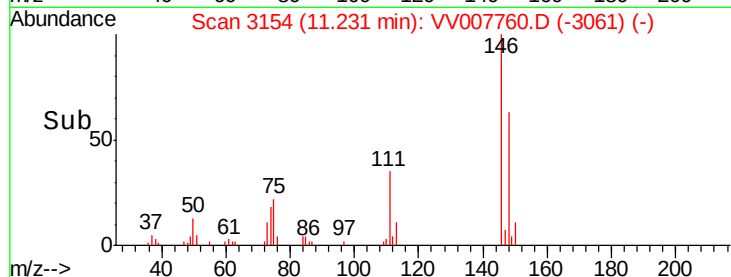
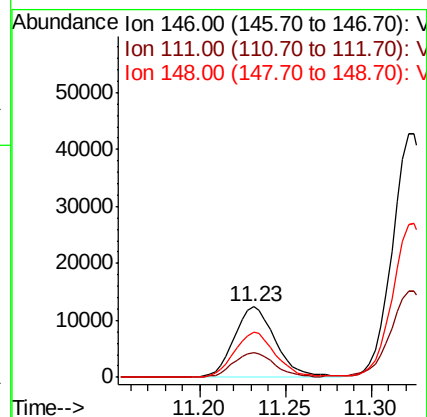
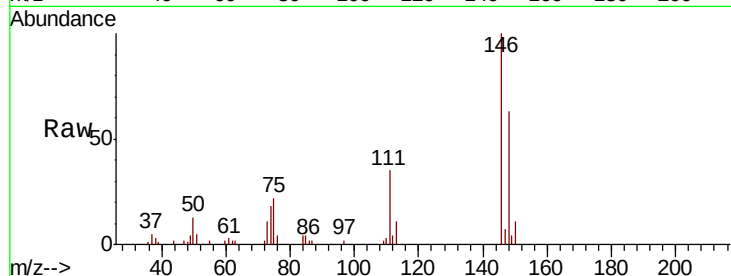
ClientSampled :

C08J8

Tot Ion:	146	Resp:	20825
Ion Ratio	Lower	Upper	
146	100		
111	35.1	25.1	46.7
148	63.2	45.1	83.9

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#63

1,4-Dichlorobenzene

Concen: 22.846 ug/L

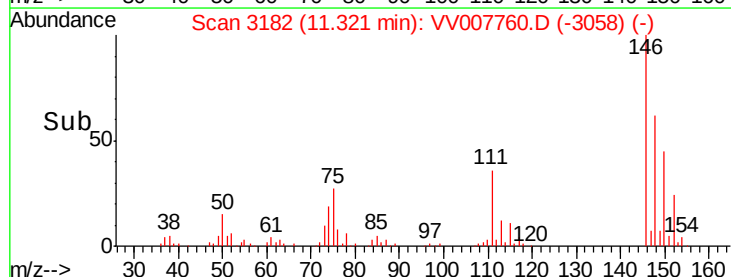
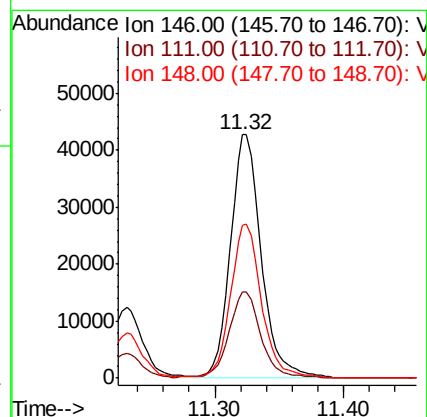
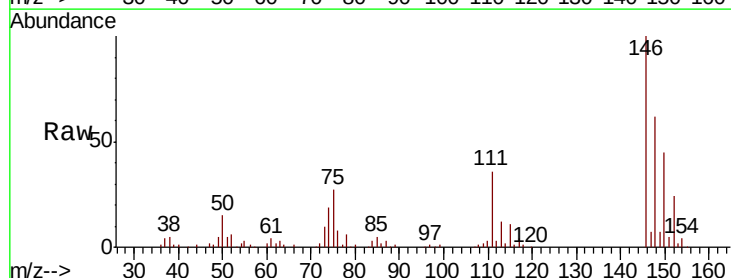
RT: 11.32 min Scan# 3182

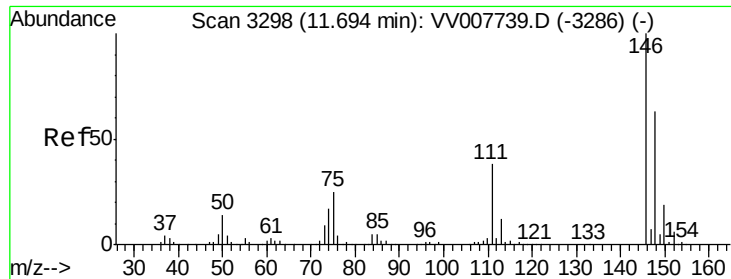
Delta R.T. -0.00 min

Lab File: VV007760.D

Acq: 23 Sep 2018 02:10

Tgt Ion:	146	Resp:	71152
Ion Ratio	Lower	Upper	
146	100		
111	35.6	24.4	45.4
148	62.5	45.1	83.7





#65

1,2-Dichlorobenzene

Concen: 55.788 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007760.D

Acq: 23 Sep 2018 02:10

Instrument :

MSVOA_V

ClientSampled :

C08J8

Tot Ion:146 Resp: 169376

Ion Ratio Lower Upper

146 100

111 37.4 29.8 44.8

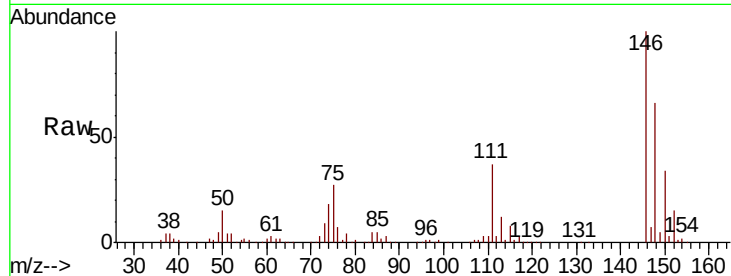
148 65.8 50.8 76.2

Manual Integrations

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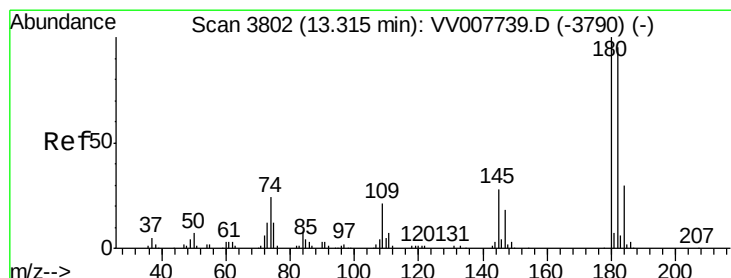
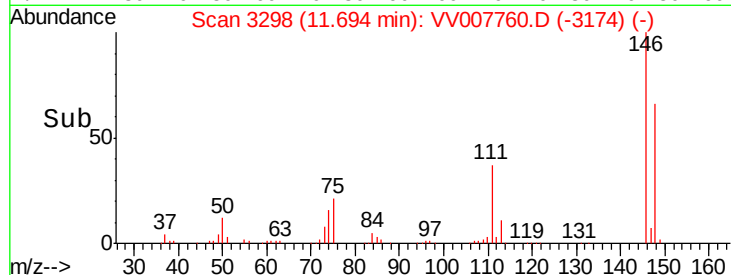
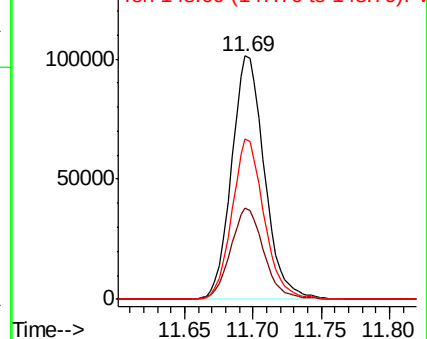
9/25/2018 11:53:00 AM



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: 2.337 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.00 min

Lab File: VV007760.D

Acq: 23 Sep 2018 02:10

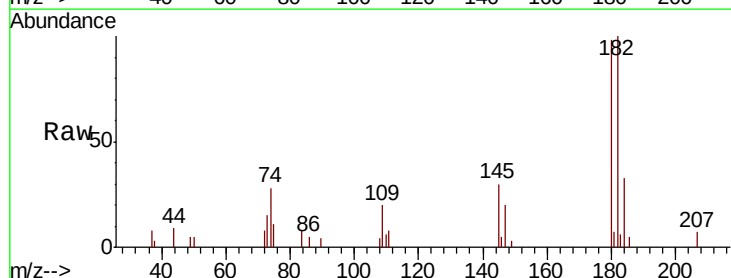
Tgt Ion:180 Resp: 5290

Ion Ratio Lower Upper

180 100

182 101.3 77.0 115.6

145 32.0 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

