

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007759.D
 Acq On : 23 Sep 2018 01:46
 Operator : SY/MD
 Sample : J5012-11 500X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08N4

Quant Time: Sep 24 04:52:16 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	180191	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171981	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38842	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.59	69	39438	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.62%
11) 1,1-Dichloroethene-d2	2.14	63	76518	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.28%
21) 2-Butanone-d5	3.95	46	59251	91.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.61%
24) Chloroform-d	4.41	84	89372	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.09	65	62561	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.11	84	182795	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.13	67	54530	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.42%
41) Toluene-d8	7.36	98	186088	45.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.10%
43) trans-1,3-Dichloropropene-	7.67	79	21353	36.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.56%
47) 2-Hexanone-d5	8.14	63	43148	83.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.93%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79813	43.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	88524	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%

Target Compounds

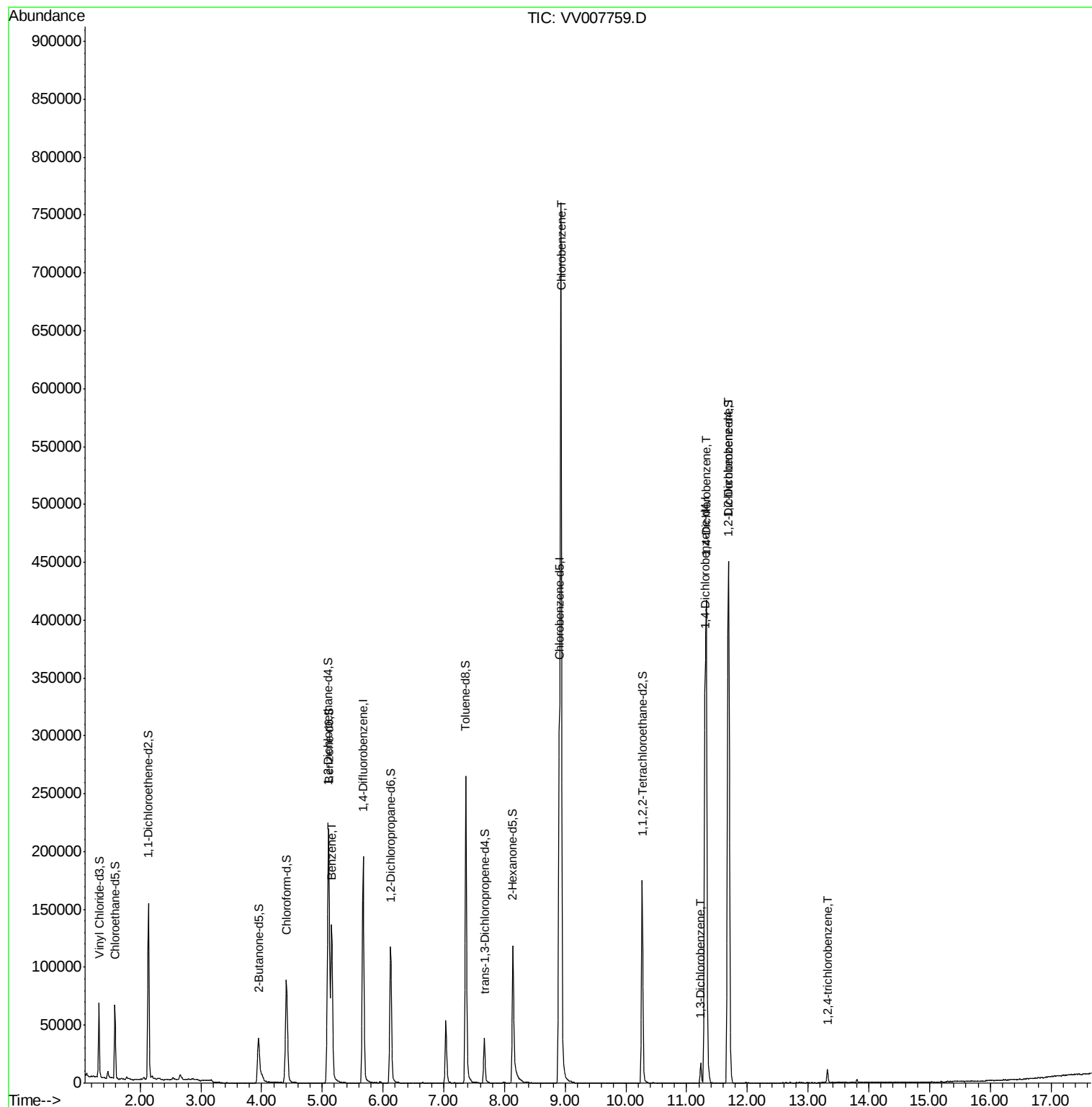
					Ovalue
33) Benzene	5.15	78	133466	32.399	ug/L 100
51) Chlorobenzene	8.93	112	417479	118.690	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	8095	2.713	ug/L 98
63) 1,4-Dichlorobenzene	11.32	146	166624	53.837	ug/L 99
65) 1,2-Dichlorobenzene	11.69	146	157978	52.362	ug/L 99
68) 1,2,4-trichlorobenzene	13.32	180	4417	1.964	ug/L 94

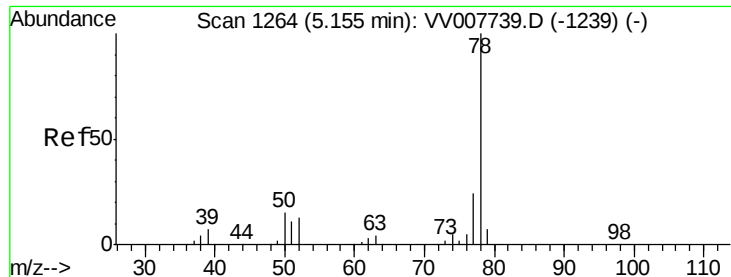
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 02:35:10 2018
Response via : Initial Calibration





#33

Benzene

Concen: 32.399 ug/L

RT: 5.15 min Scan# 1264

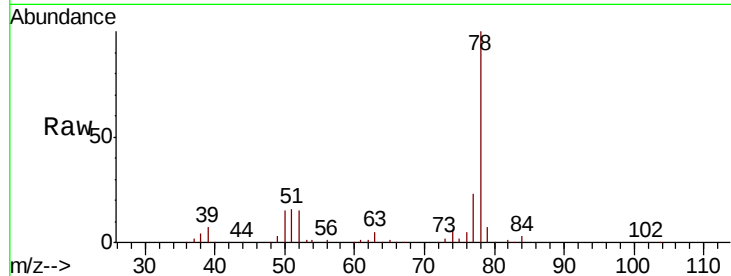
Delta R.T. -0.00 min

Lab File: VV007759.D

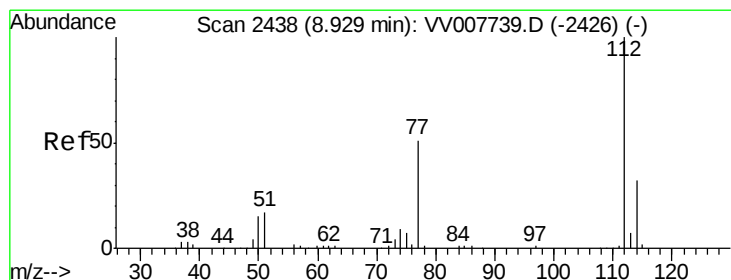
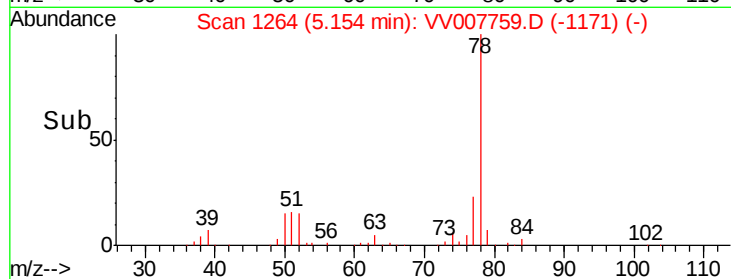
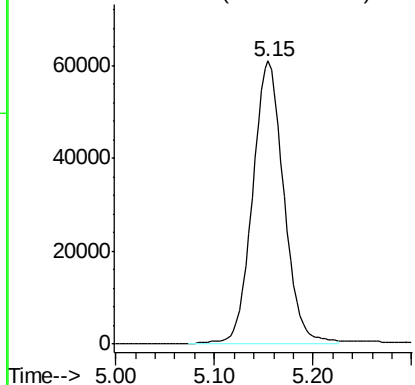
Acq: 23 Sep 2018 01:46

Instrument :
MSVOA_V
ClientSampleId :
C08N4

Tgt Ion: 78 Resp: 133466



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 118.690 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007759.D

Acq: 23 Sep 2018 01:46

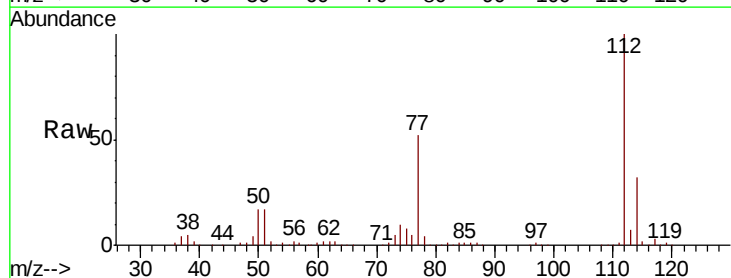
Tgt Ion: 112 Resp: 417479

Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

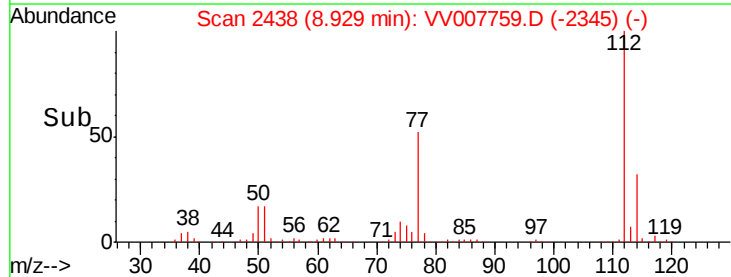
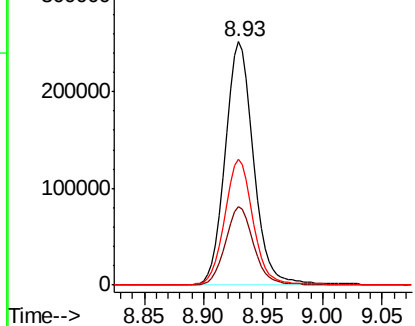
77 51.9 40.6 60.8

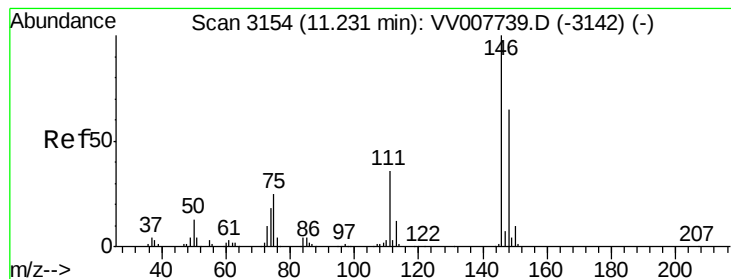


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 2.713 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007759.D

Acq: 23 Sep 2018 01:46

Instrument :

MSVOA_V

ClientSampleId :

C08N4

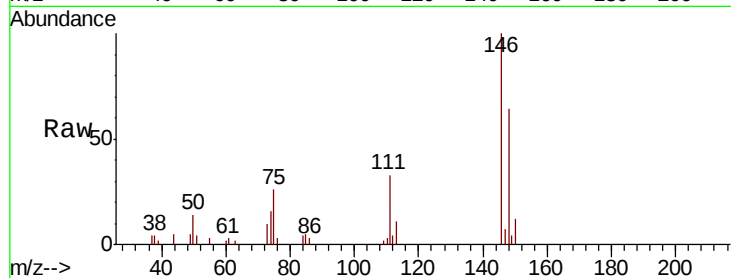
Tot Ion:146 Resp: 8095

Ion Ratio Lower Upper

146 100

111 32.8 25.1 46.7

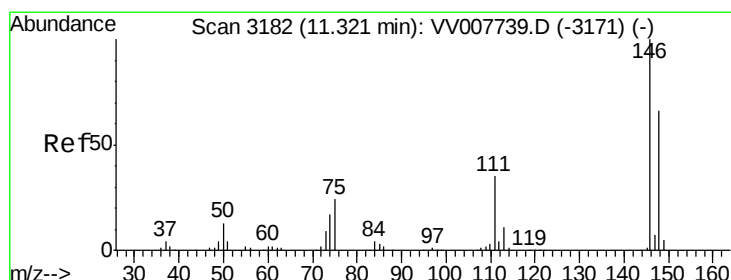
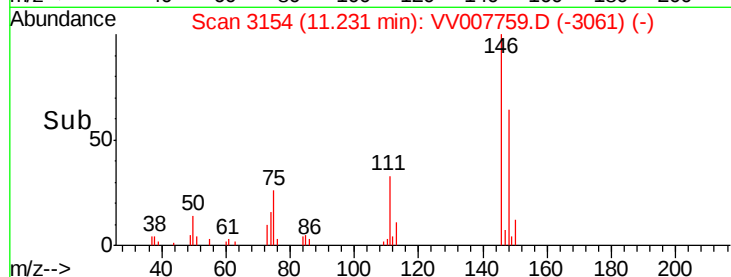
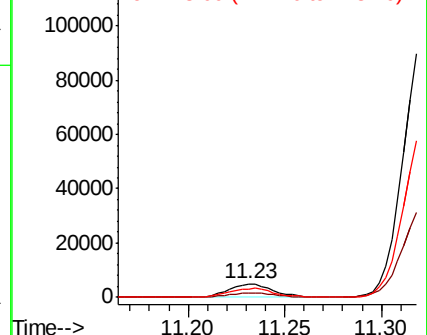
148 64.3 45.1 83.9



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: 53.837 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007759.D

Acq: 23 Sep 2018 01:46

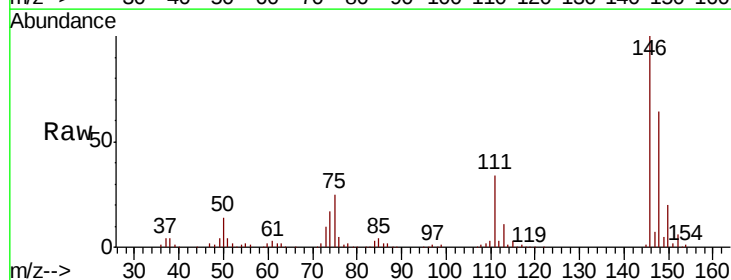
Tgt Ion:146 Resp: 166624

Ion Ratio Lower Upper

146 100

111 34.1 24.4 45.4

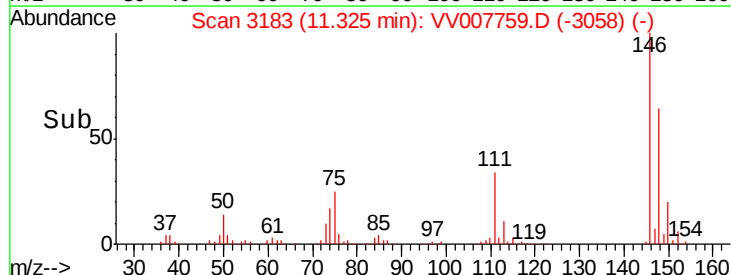
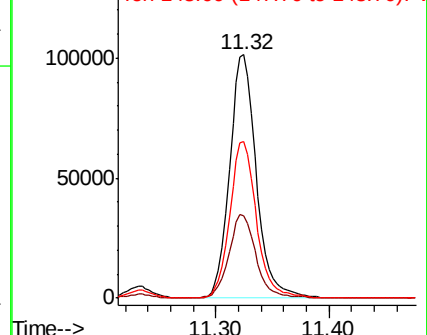
148 64.5 45.1 83.7

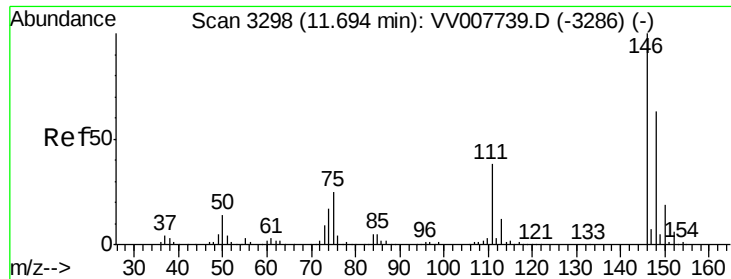


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 52.362 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007759.D

Acq: 23 Sep 2018 01:46

Instrument :

MSVOA_V

ClientSampled :

C08N4

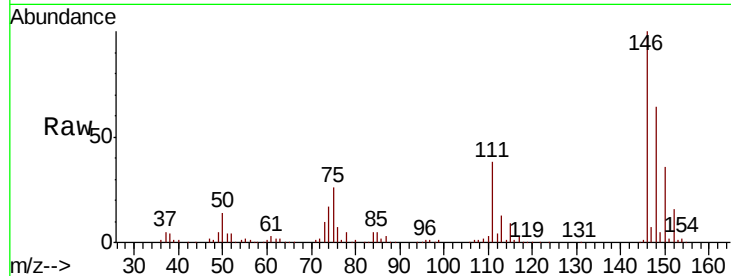
Tot Ion:146 Resp: 157978

Ion Ratio Lower Upper

146 100

111 37.8 29.8 44.8

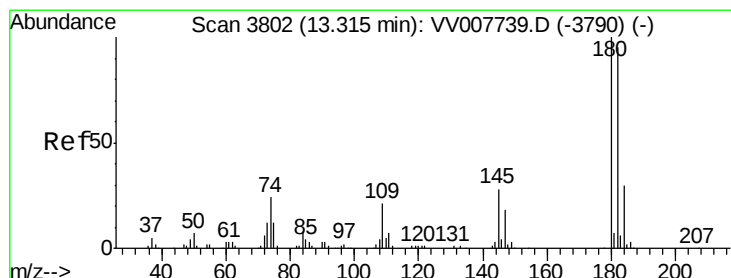
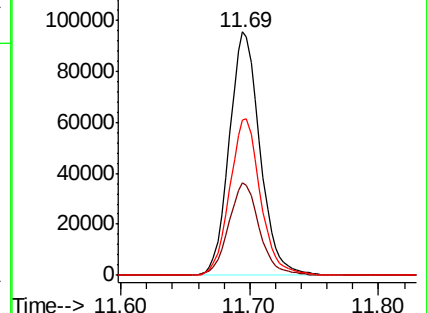
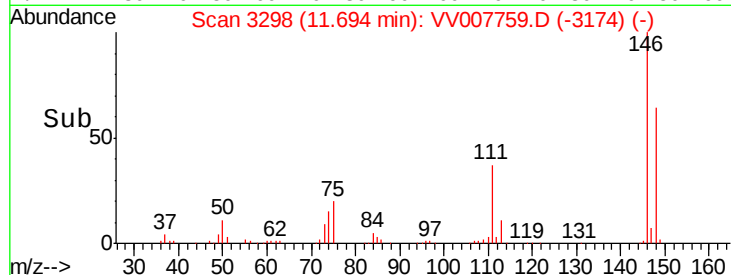
148 64.0 50.8 76.2



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: 1.964 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.00 min

Lab File: VV007759.D

Acq: 23 Sep 2018 01:46

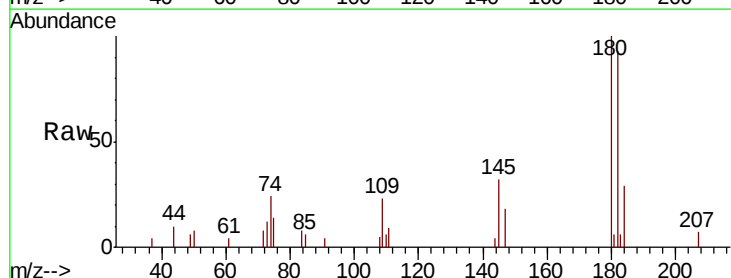
Tgt Ion:180 Resp: 4417

Ion Ratio Lower Upper

180 100

182 102.9 77.0 115.6

145 29.7 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

