

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007882.D
 Acq On : 26 Sep 2018 14:32
 Operator : SY/MD
 Sample : J5036-01
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08W4

Quant Time: Sep 27 05:12:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191250	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183160	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96344	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47735	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.59	69	45353	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.14	63	81724	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	3.96	46	49315	61.03	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.03%
24) Chloroform-d	4.41	84	110834	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
26) 1,2-Dichloroethane-d4	5.09	65	81570	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
32) Benzene-d6	5.11	84	226992	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.13	67	72694	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.64%
41) Toluene-d8	7.36	98	217510	43.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.98%
43) trans-1,3-Dichloropropene-	7.67	79	31738	43.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.80%
47) 2-Hexanone-d5	8.14	63	58924	90.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.83%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104312	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	100083	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%

Target Compounds

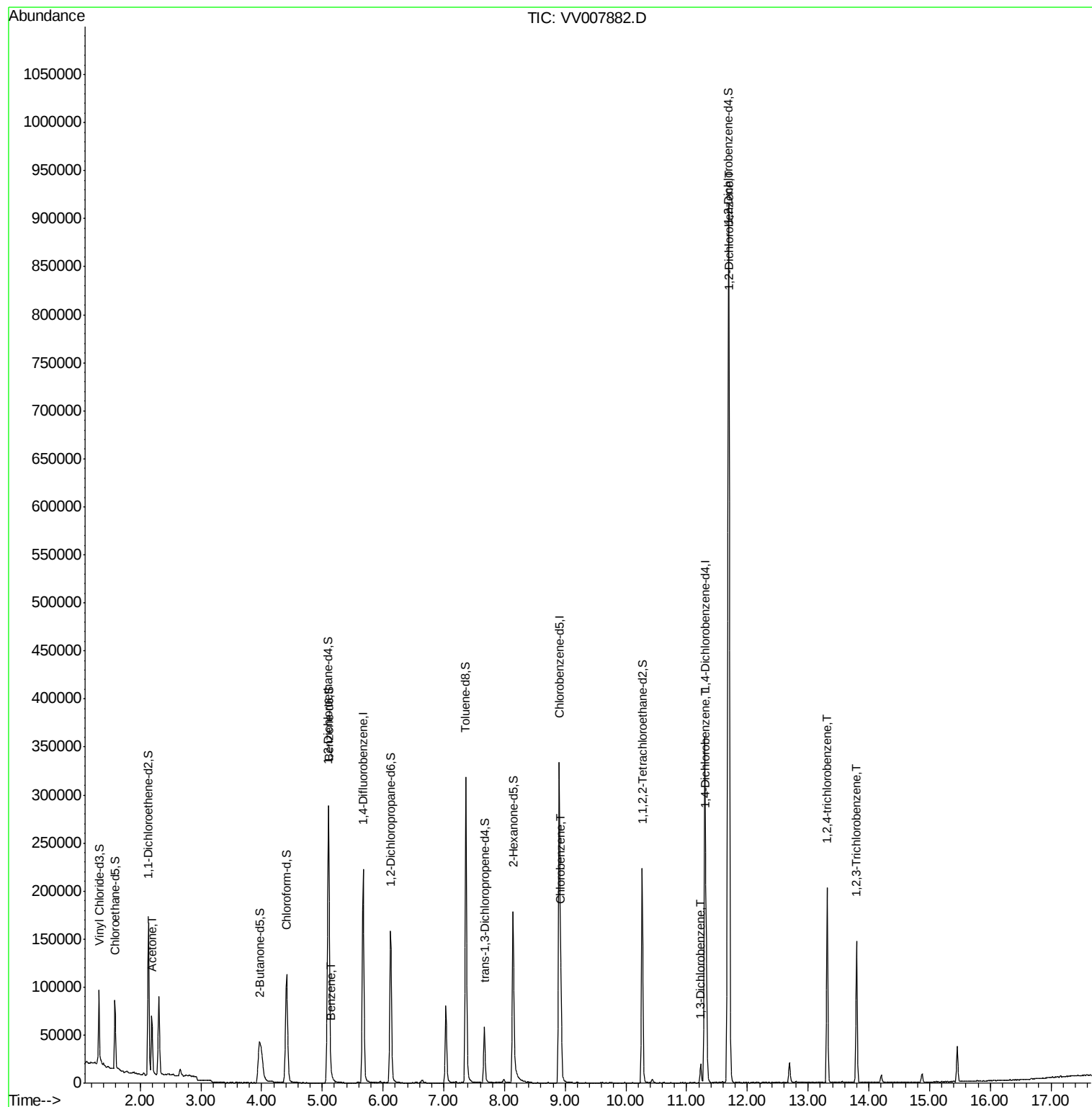
					Ovalue
13) Acetone	2.19	43	57670	59.246	ug/L 100
33) Benzene	5.15	78	3109	0.631	ug/L 100
51) Chlorobenzene	8.93	112	53884	14.029	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	7748	2.570	ug/L 96
63) 1,4-Dichlorobenzene	11.32	146	51245	15.997	ug/L 99
65) 1,2-Dichlorobenzene	11.69	146	346502	110.767	ug/L 100
68) 1,2,4-trichlorobenzene	13.31	180	64513	30.087	ug/L 99
70) 1,2,3-Trichlorobenzene	13.80	180	46017	21.196	ug/L 99

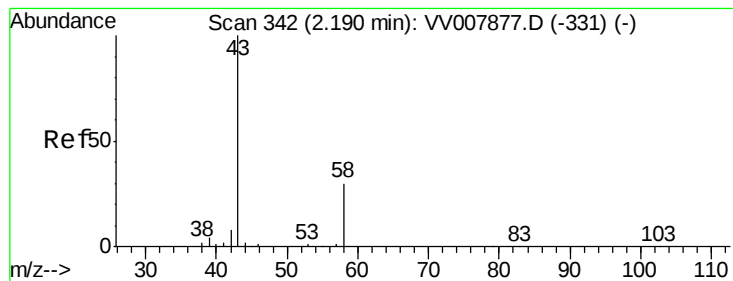
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 27 04:55:01 2018
Response via : Initial Calibration





#13

Acetone

Concen: 59.246 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

Instrument :

MSVOA_V

ClientSampleId :

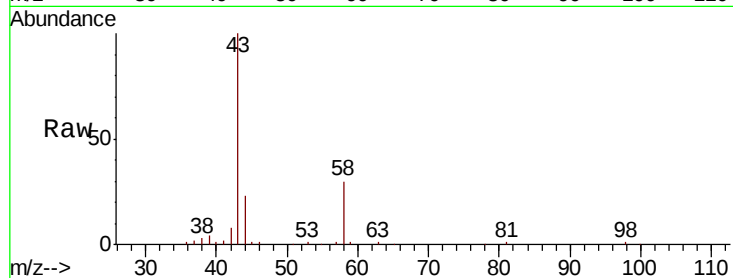
C08W4

Tot Ion: 43 Resp: 57670

Ion Ratio Lower Upper

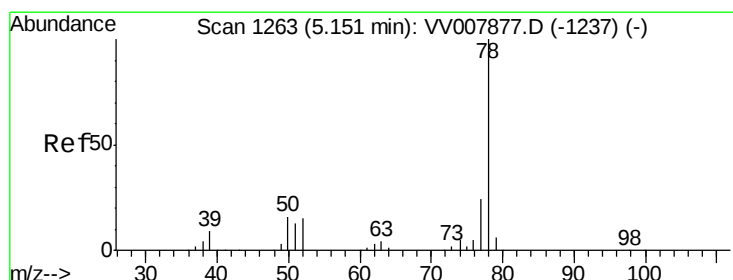
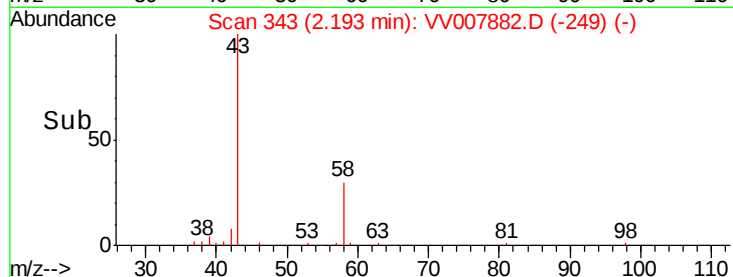
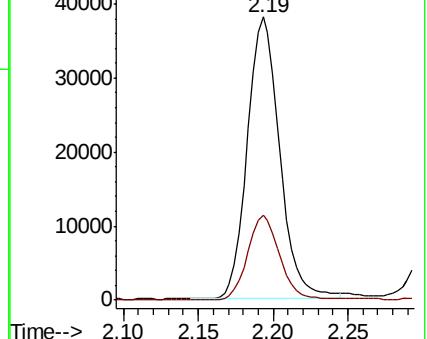
43 100

58 29.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV007877.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV007877.D (-331) (-)



#33

Benzene

Concen: 0.631 ug/L

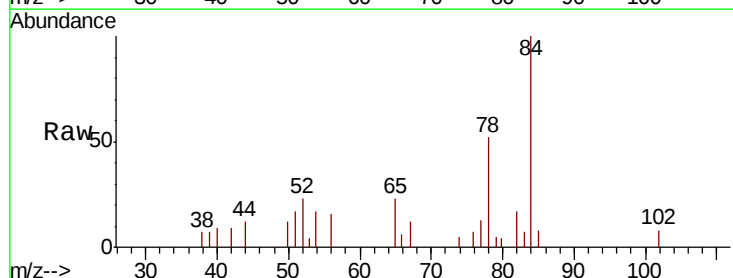
RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

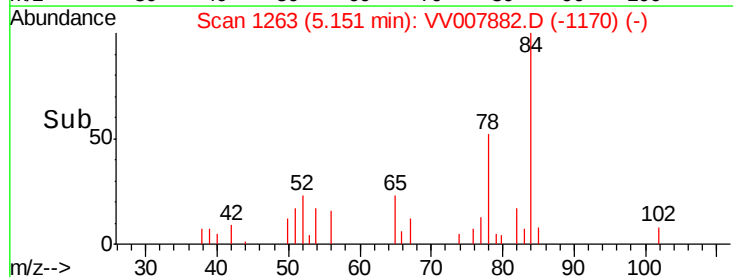
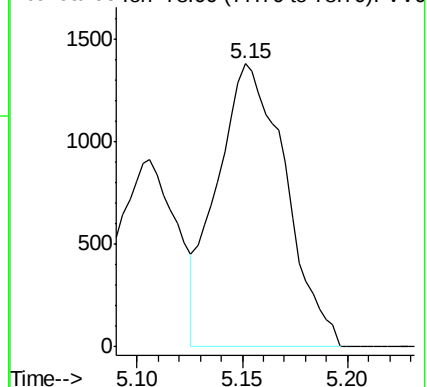
Lab File: VV007882.D

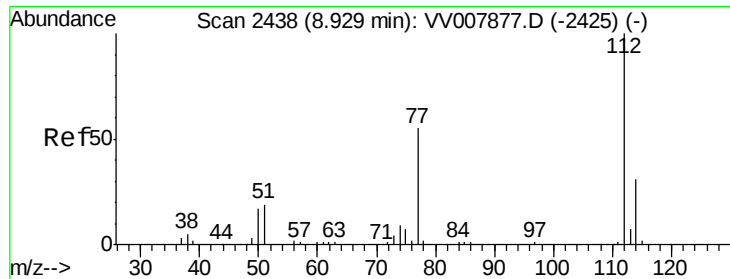
Acq: 26 Sep 2018 14:32

Tgt Ion: 78 Resp: 3109



Abundance Ion 78.00 (77.70 to 78.70): VV007877.D (-1237) (-)





#51

Chlorobenzene

Concen: 14.029 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

Instrument :

MSVOA_V

ClientSampleId :

C08W4

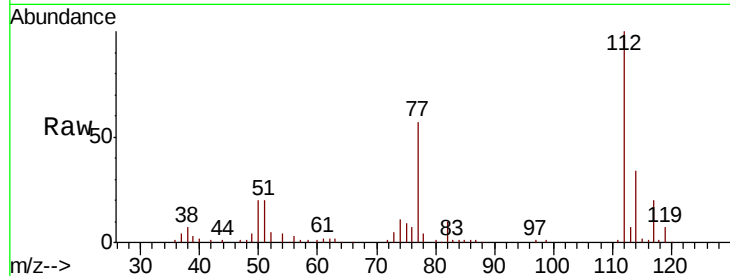
Tot Ion:112 Resp: 53884

Ion Ratio Lower Upper

112 100

114 33.5 22.3 41.5

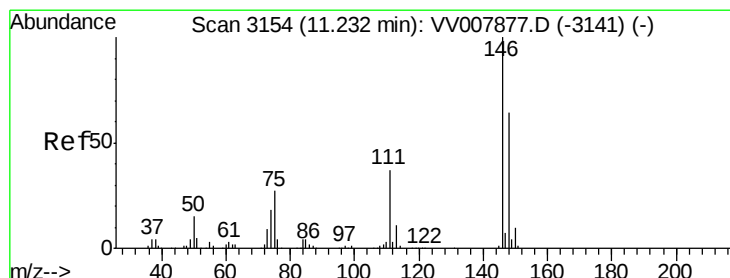
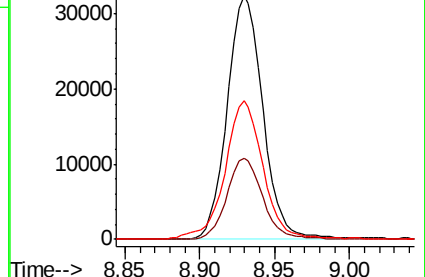
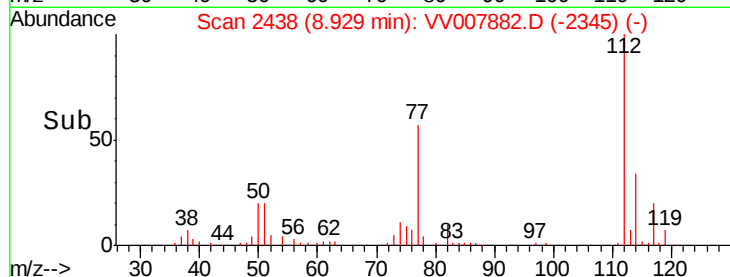
77 56.8 45.2 67.8



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): V



#62

1,3-Dichlorobenzene

Concen: 2.570 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

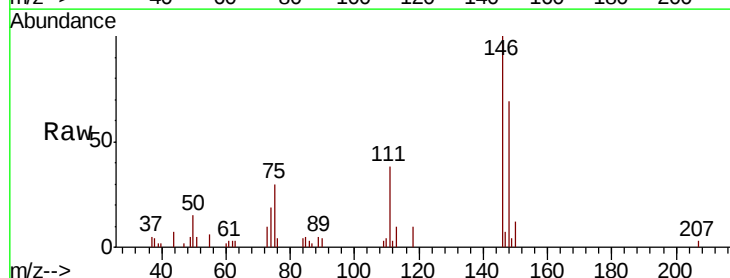
Tgt Ion:146 Resp: 7748

Ion Ratio Lower Upper

146 100

111 37.5 25.6 47.4

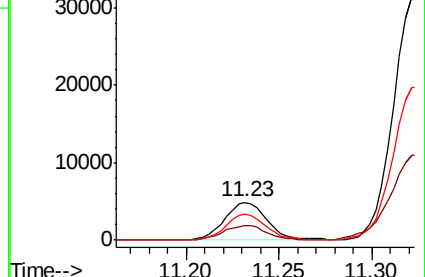
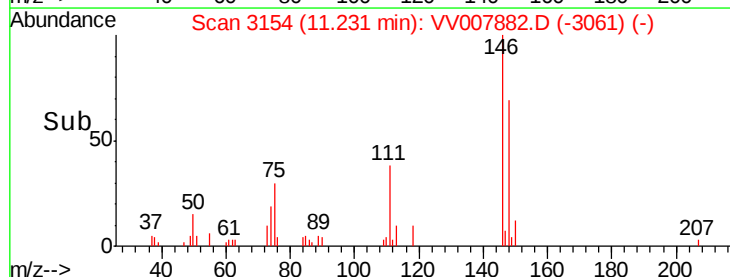
148 69.1 45.4 84.2

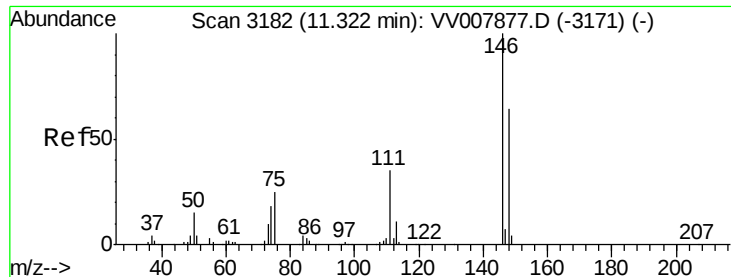


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 15.997 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

Instrument :

MSVOA_V

ClientSampleId :

C08W4

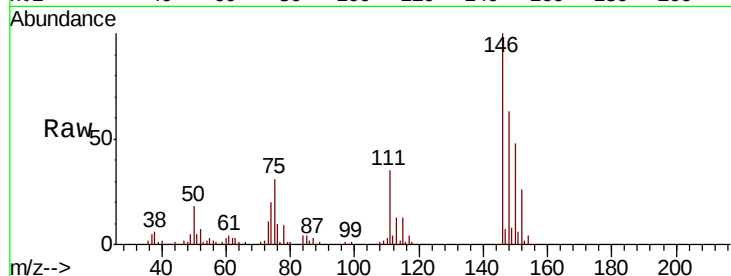
Tot Ion:146 Resp: 51245

Ion Ratio Lower Upper

146 100

111 34.8 25.2 46.8

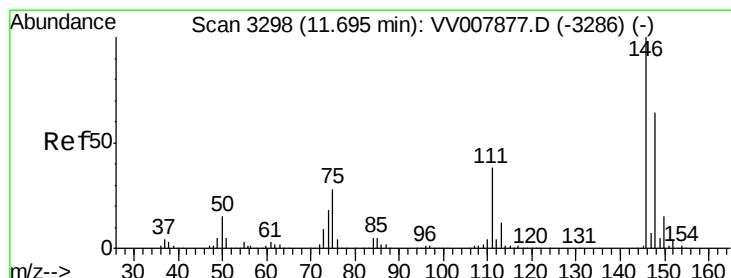
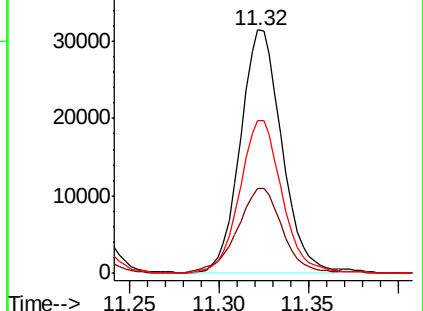
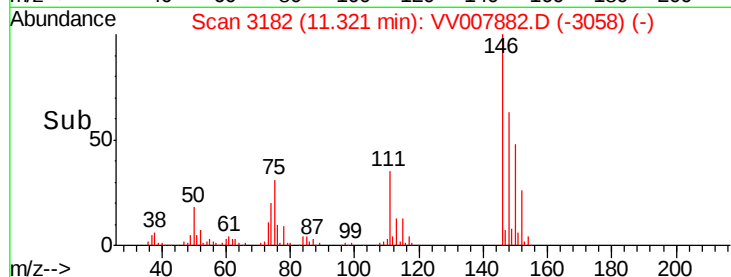
148 62.9 44.2 82.0



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: 110.767 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007882.D

Acq: 26 Sep 2018 14:32

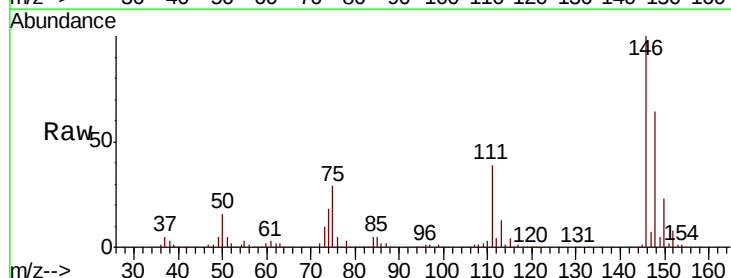
Tgt Ion:146 Resp: 346502

Ion Ratio Lower Upper

146 100

111 39.1 31.2 46.8

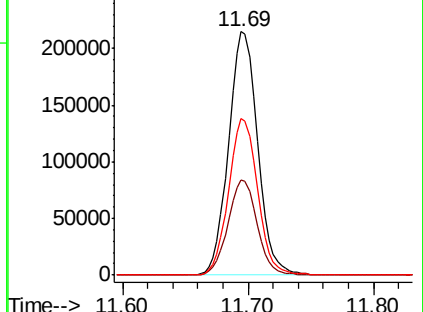
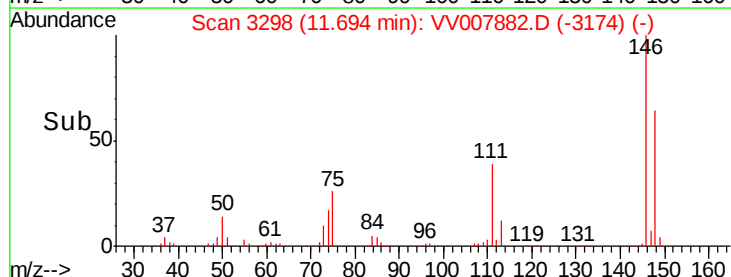
148 64.1 51.5 77.3

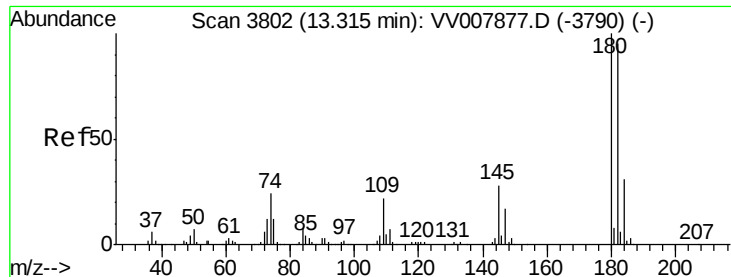


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

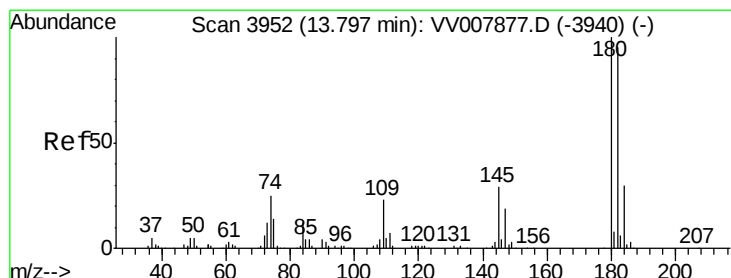
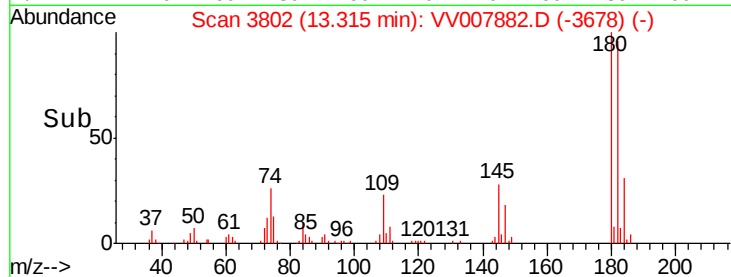
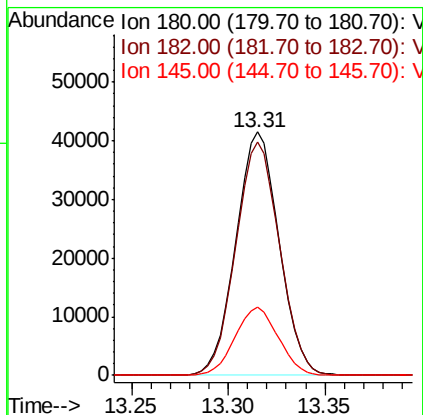
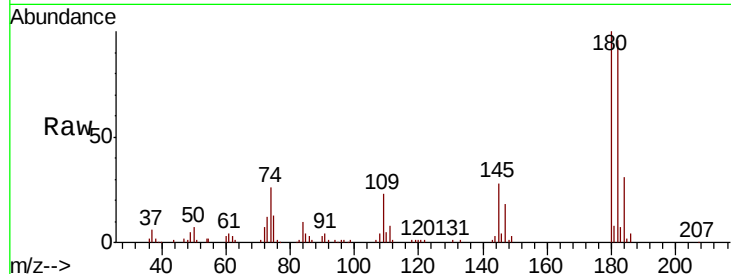




#68
 1,2,4-trichlorobenzene
 Concen: 30.087 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. -0.00 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Instrument :
 MSVOA_V
 ClientSampled :
 C08W4

Tot Ion:180 Resp: 64513
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.6 115.0
 145 27.9 22.7 34.1



#70
 1,2,3-Trichlorobenzene
 Concen: 21.196 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV007882.D
 Acq: 26 Sep 2018 14:32

Tgt Ion:180 Resp: 46017
 Ion Ratio Lower Upper
 180 100
 182 97.6 76.7 115.1
 145 29.7 23.6 35.4

