

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007777.D
 Acq On : 23 Sep 2018 09:38
 Operator : SY/MD
 Sample : J5013-17
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S4

Quant Time: Sep 24 07:17:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	176005	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94293	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35244	36.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.68%
7) Chloroethane-d5	1.59	69	37120	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.14	63	72653	32.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.42%
21) 2-Butanone-d5	3.95	46	42107	66.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.65%
24) Chloroform-d	4.41	84	82668	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.72%
26) 1,2-Dichloroethane-d4	5.09	65	59689	45.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.38%
32) Benzene-d6	5.11	84	176274	44.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.16%
36) 1,2-Dichloropropane-d6	6.13	67	52658	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.18%
41) Toluene-d8	7.36	98	181283	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%
43) trans-1,3-Dichloropropene-	7.67	79	21634	36.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.68%
47) 2-Hexanone-d5	8.14	63	41373	79.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79110	42.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	88684	45.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.44%

Target Compounds

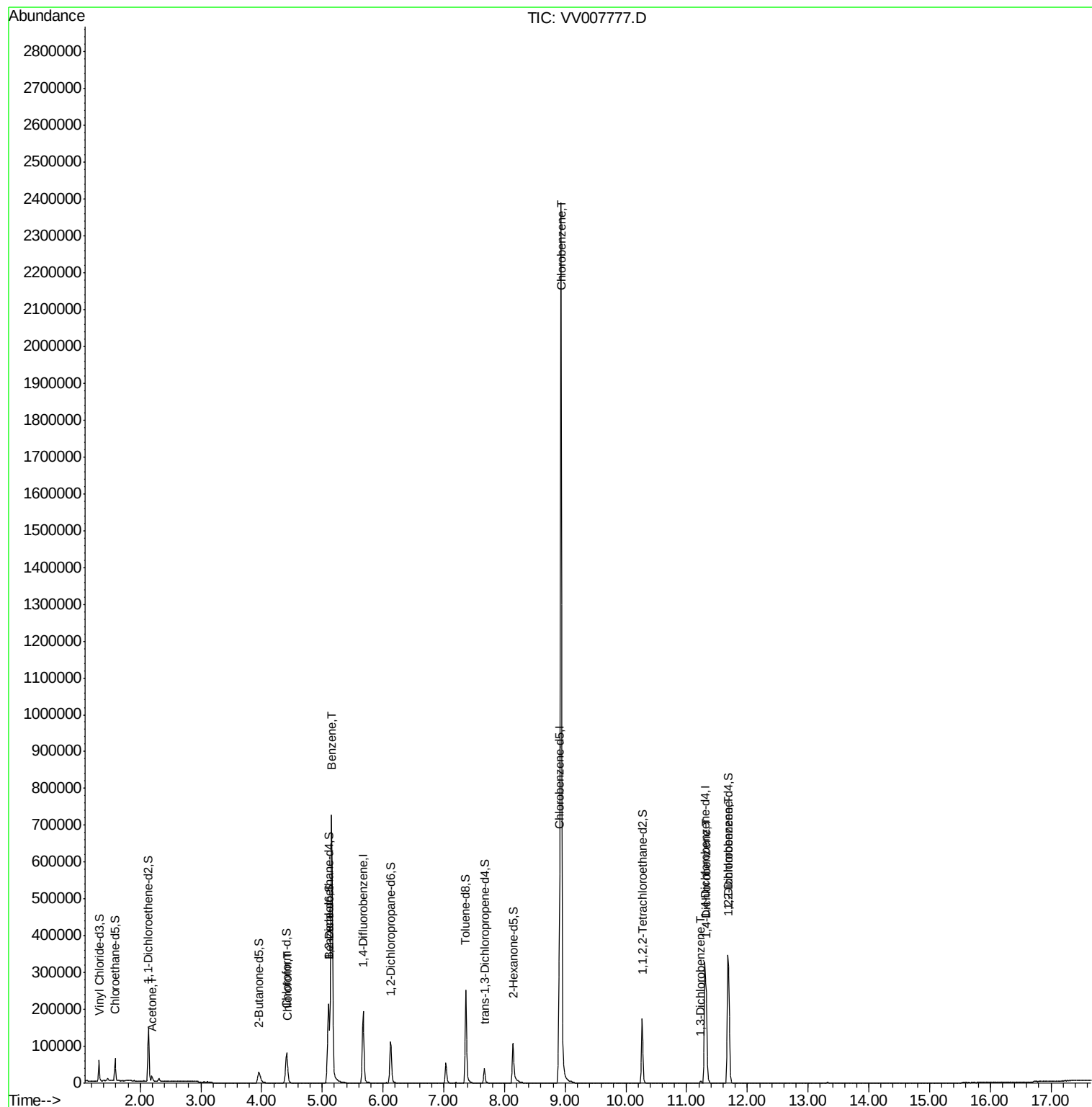
					Ovalue
13) Acetone	2.19	43	11466	17.197	ug/L 98
25) Chloroform	4.44	83	4909	2.489	ug/L 92
33) Benzene	5.15	78	739984	177.572	ug/L 100
51) Chlorobenzene	8.93	112	1347078	378.591	ug/L 99
62) 1,3-Dichlorobenzene	11.23	146	2676	0.895	ug/L 97
63) 1,4-Dichlorobenzene	11.32	146	97020	31.286	ug/L 99
65) 1,2-Dichlorobenzene	11.70	146	92174	30.490	ug/L 99

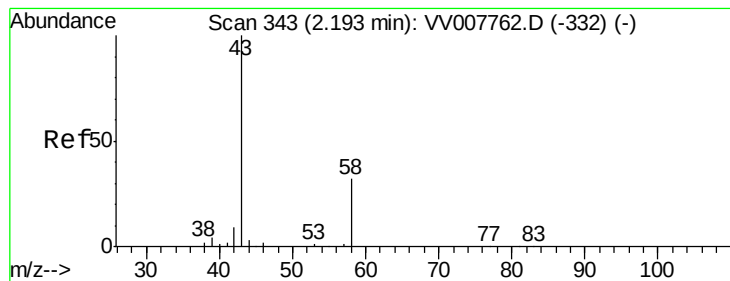
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 05:16:03 2018
Response via : Initial Calibration





#13

Acetone

Concen: 17.197 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007777.D

Acq: 23 Sep 2018 09:38

Instrument :

MSVOA_V

ClientSampleId :

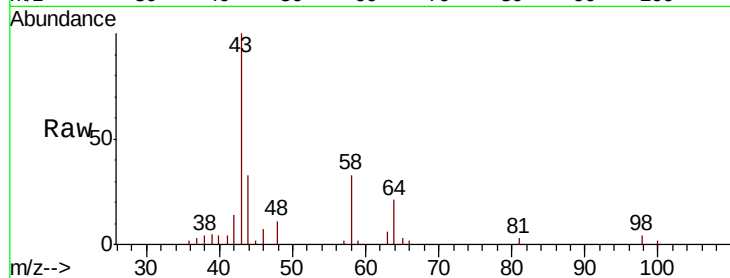
C08S4

Tot Ion: 43 Resp: 11466

Ion Ratio Lower Upper

43 100

58 31.2 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007777.D (-250) (-)

Ion 58.00 (57.70 to 58.70): VV007777.D (-250) (-)

2.19

8000

6000

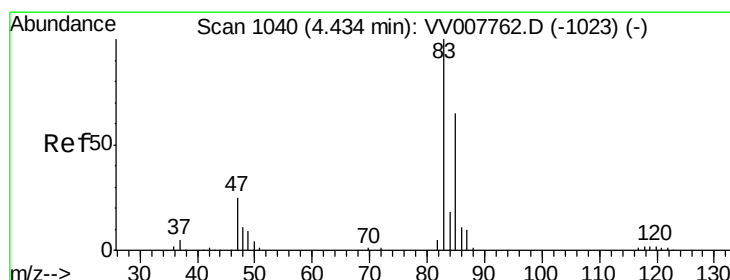
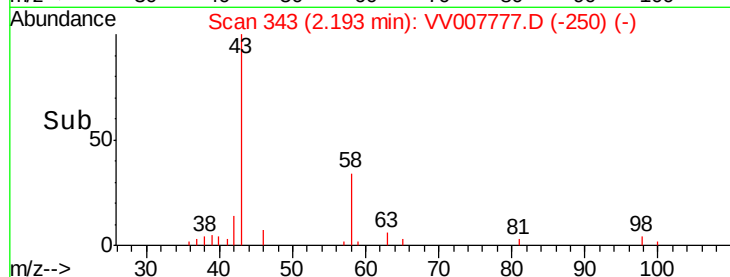
4000

2000

0

2.15 2.20 2.25

Time-->



#25

Chloroform

Concen: 2.489 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV007777.D

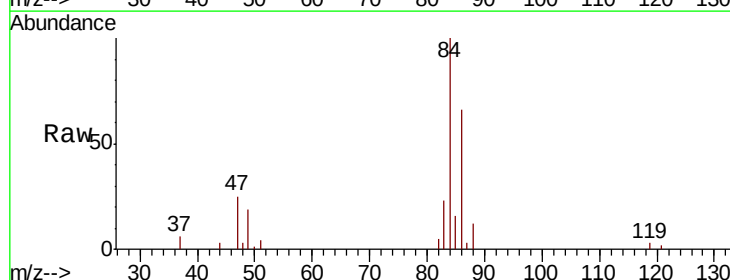
Acq: 23 Sep 2018 09:38

Tgt Ion: 83 Resp: 4909

Ion Ratio Lower Upper

83 100

85 69.0 44.0 81.8



Abundance Ion 83.00 (82.70 to 83.70): VV007777.D (-947) (-)

Ion 85.00 (84.70 to 85.70): VV007777.D (-947) (-)

4.44

2000

1500

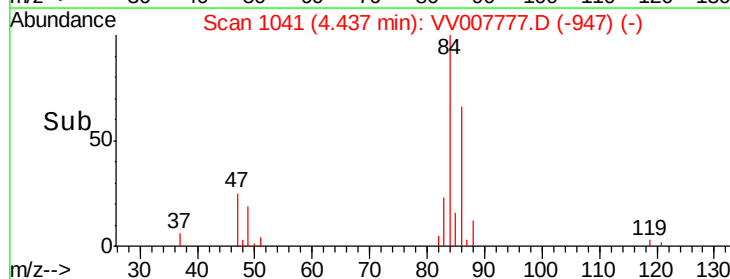
1000

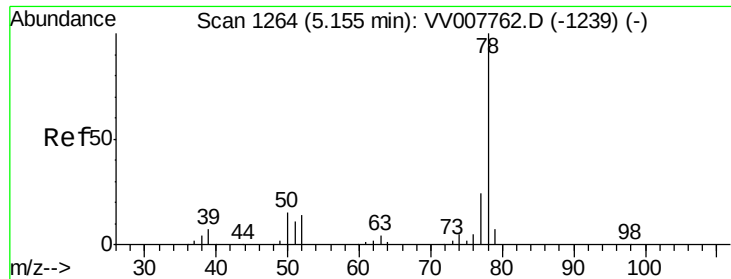
500

0

4.35 4.40 4.45 4.50

Time-->





#33

Benzene

Concen: 177.572 ug/L

RT: 5.15 min Scan# 1264

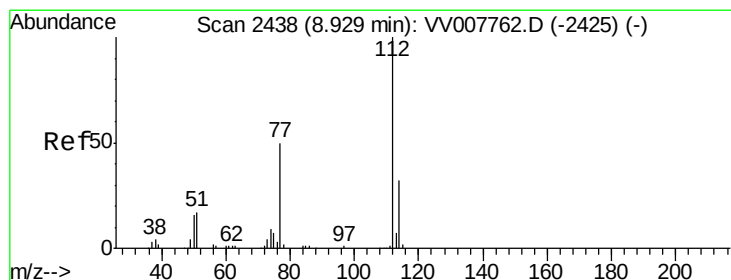
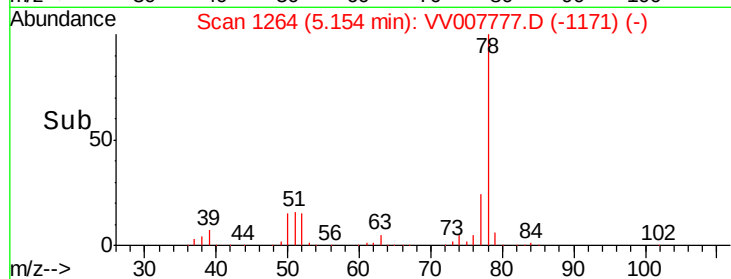
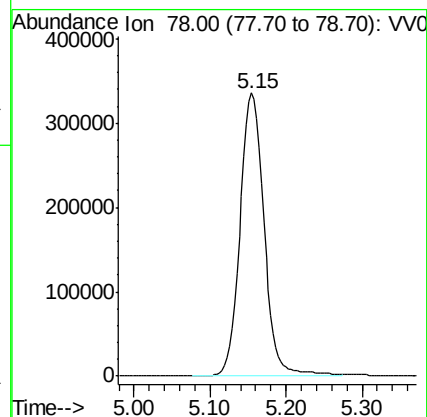
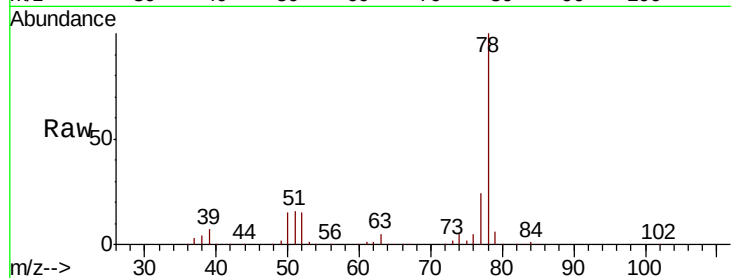
Delta R.T. -0.00 min

Lab File: VV007777.D

Acq: 23 Sep 2018 09:38

Instrument :
MSVOA_V
ClientSampled :
C08S4

Tgt Ion: 78 Resp: 739984



#51

Chlorobenzene

Concen: 378.591 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

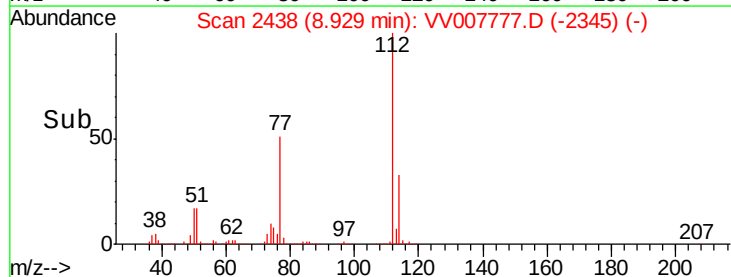
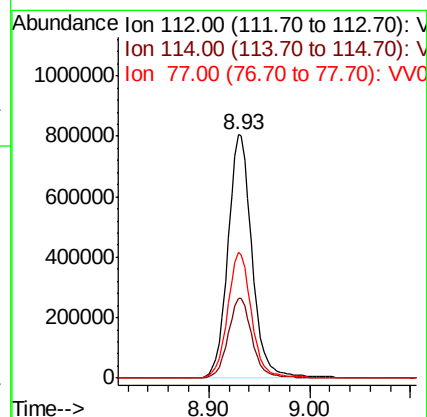
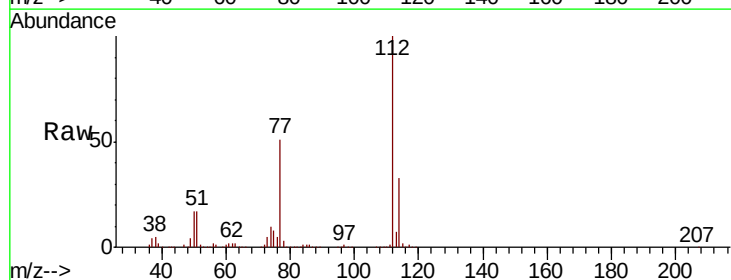
Lab File: VV007777.D

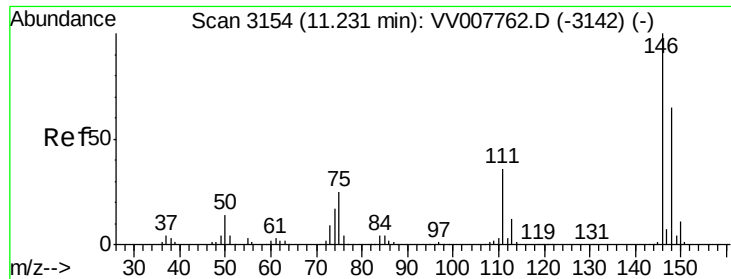
Acq: 23 Sep 2018 09:38

Tgt Ion: 112 Resp: 1347078

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.3	41.3
77	51.5	40.6	60.8

112	100		
114	32.7	22.3	41.3
77	51.5	40.6	60.8

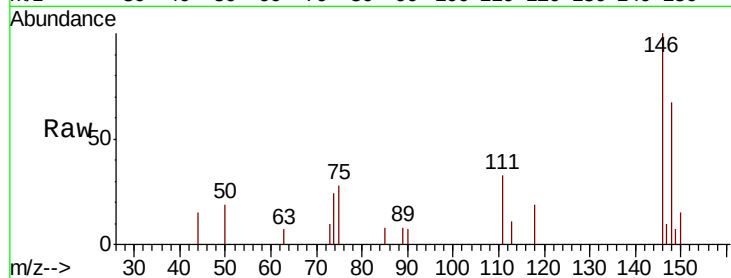




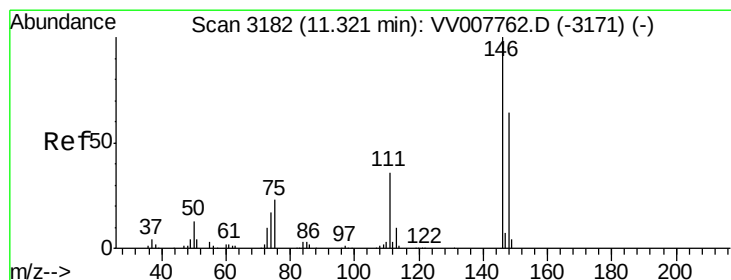
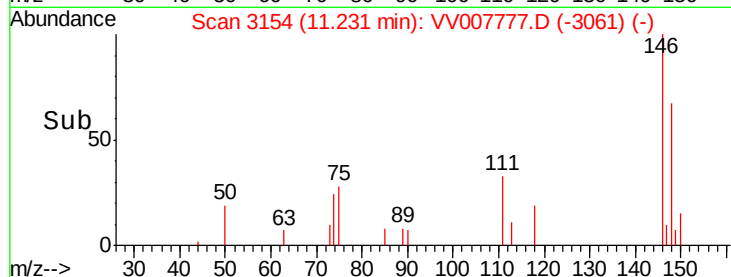
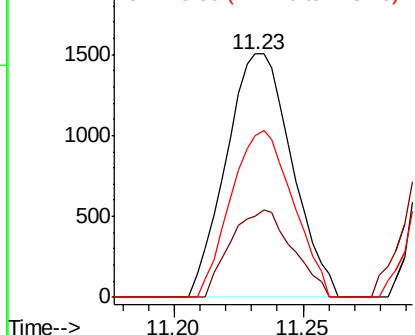
#62
 1,3-Dichlorobenzene
 Concen: 0.895 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: VV007777.D
 Acq: 23 Sep 2018 09:38

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S4

Tot Ion:146 Resp: 2676
 Ion Ratio Lower Upper
 146 100
 111 33.2 25.1 46.7
 148 66.7 45.1 83.9

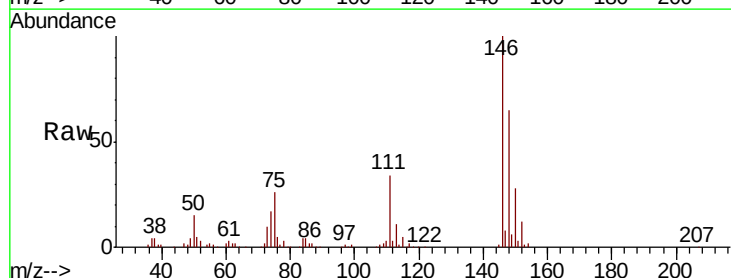


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

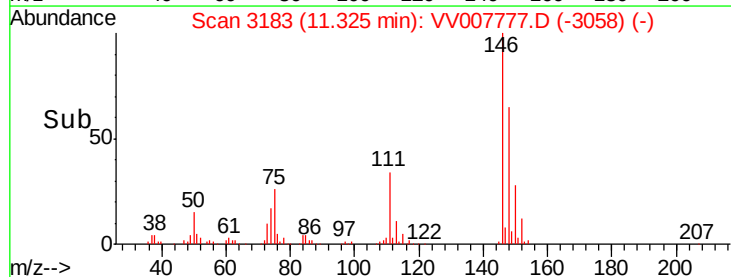
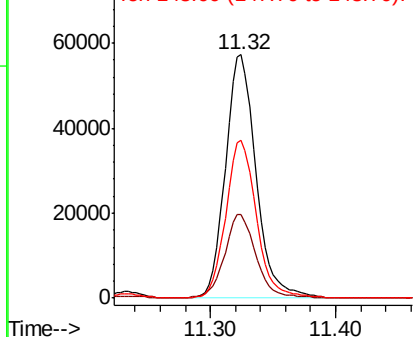


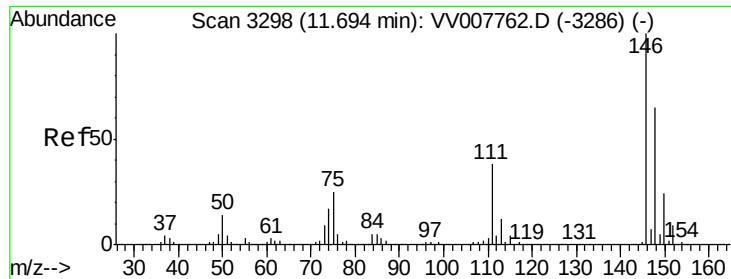
#63
 1,4-Dichlorobenzene
 Concen: 31.286 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007777.D
 Acq: 23 Sep 2018 09:38

Tgt Ion:146 Resp: 97020
 Ion Ratio Lower Upper
 146 100
 111 34.2 24.4 45.4
 148 65.0 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: 30.490 ug/L

RT: 11.70 min Scan# 3299

Delta R.T. 0.00 min

Lab File: VV007777.D

Acq: 23 Sep 2018 09:38

Instrument :

MSVOA_V

ClientSampleId :

C08S4

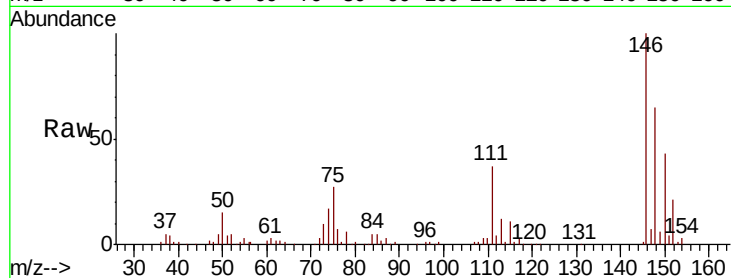
Tot Ion:146 Resp: 92174

Ion Ratio Lower Upper

146 100

111 37.3 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

