

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071019\
 Data File : VW011189.D
 Acq On : 10 Jul 2019 12:10
 Operator : SY/VA
 Sample : K3724-04MSD
 Misc : 5.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8T1MSD

Quant Time: Jul 22 05:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 11 05:38:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	282786	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252656	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114036	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	71475	16.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.20%
7) Chloroethane-d5	2.88	69	54972	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
10) 1,1-Dichloroethene-d2	4.01	63	182461	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.80%
20) 2-Butanone-d5	7.07	46	73015	42.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.86%
24) Chloroform-d	7.64	84	165410	21.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	8.31	65	105187	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.27	84	339399	21.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.20%
33) 1,2-Dichloropropane-d6	9.27	67	115702	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.32	98	298699	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.12%
38) trans-1,3-Dichloropropene-	10.58	79	43136	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.04%
39) 2-Hexanone-d5	10.92	63	46700	40.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91475	21.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	101041	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

Target Compounds

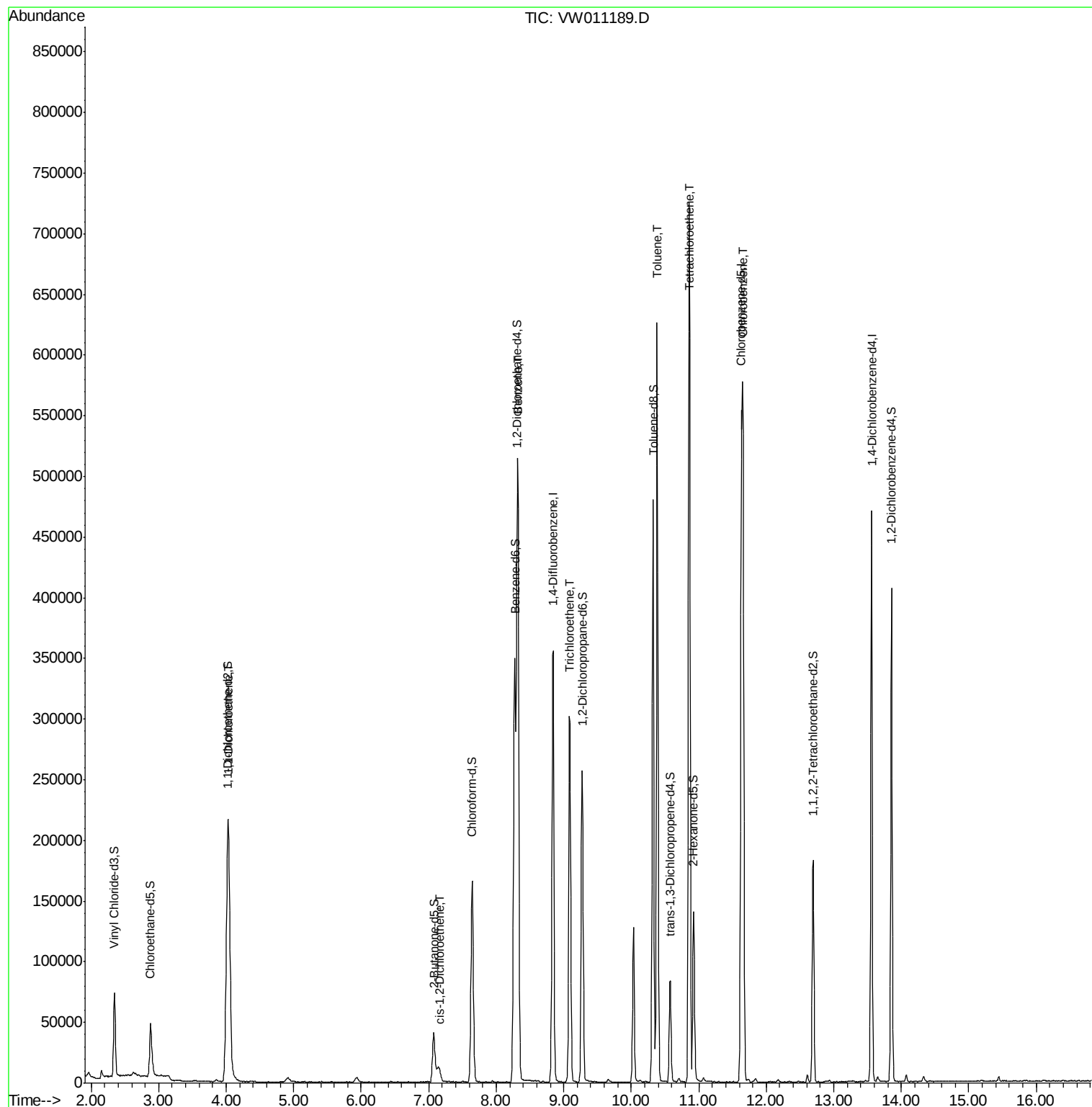
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	88595	23.840	ug/L	86
22) cis-1,2-Dichloroethene	7.17	96	2920	0.718	ug/L	84
34) Benzene	8.32	78	417306	26.427	ug/L	100
35) Trichloroethene	9.09	95	107486	26.974	ug/L	99
44) Toluene	10.38	91	432929	26.488	ug/L	99
47) Tetrachloroethene	10.86	164	155133	51.513	ug/L	97
52) Chlorobenzene	11.66	112	258705	25.909	ug/L	100

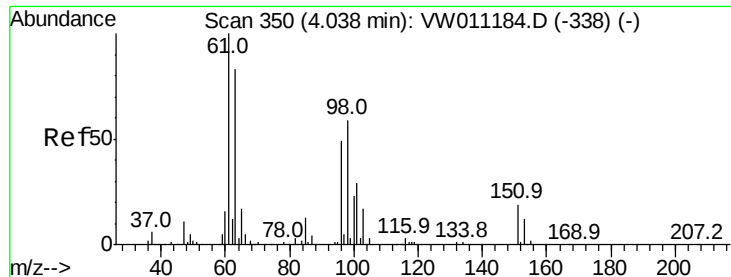
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.840 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW011189.D

Acq: 10 Jul 2019 12:10

Instrument :

MSVOA_W

ClientSampled :

DB8T1MSD

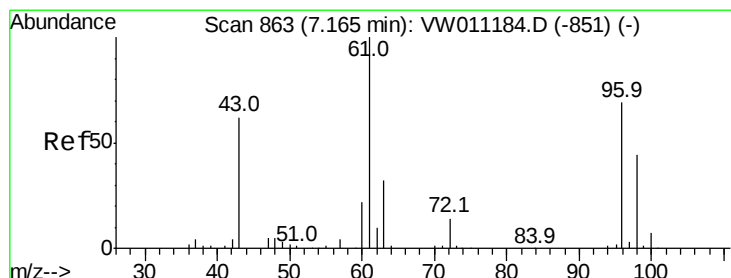
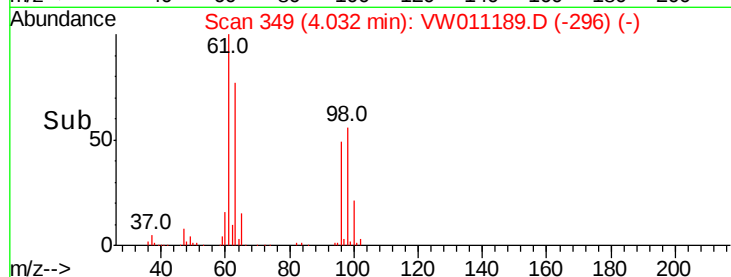
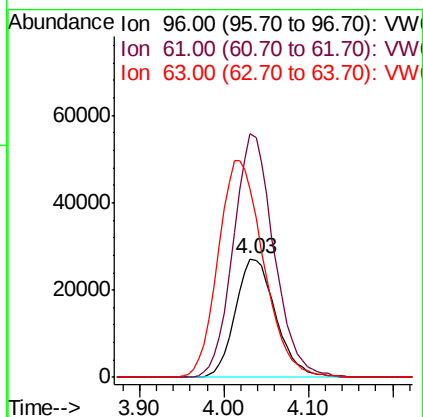
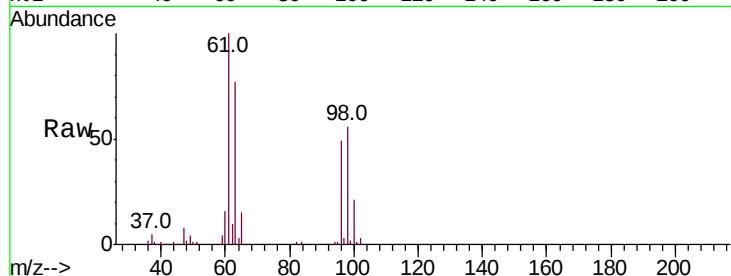
Tot Ion: 96 Resp: 88595

Ion Ratio Lower Upper

96 100

61 205.8 142.2 264.0

63 159.1 138.9 257.9



#22

cis-1,2-Dichloroethene

Concen: 0.718 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011189.D

Acq: 10 Jul 2019 12:10

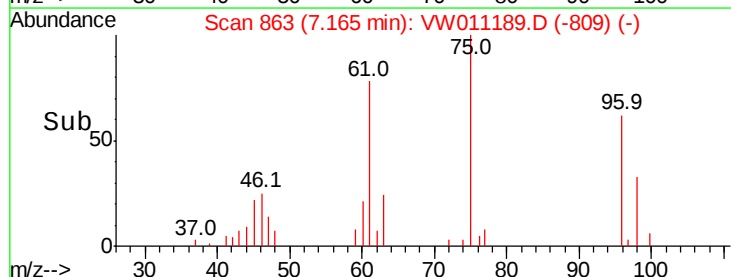
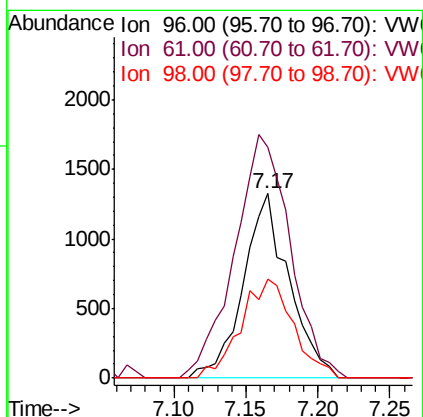
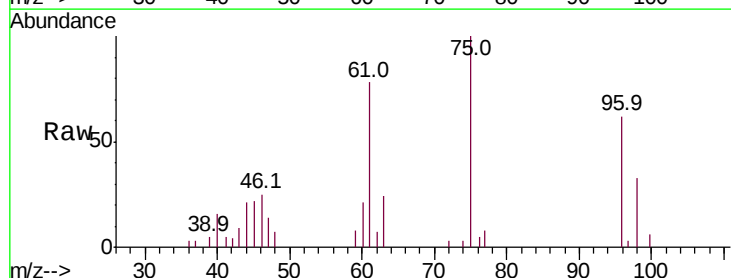
Tgt Ion: 96 Resp: 2920

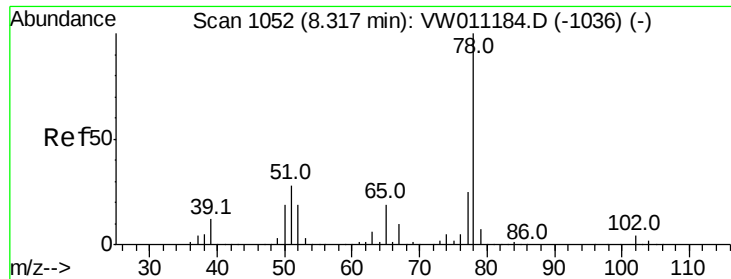
Ion Ratio Lower Upper

96 100

61 125.1 103.2 191.6

98 53.6 44.8 83.2





#34

Benzene

Concen: 26.427 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW011189.D

Acq: 10 Jul 2019 12:10

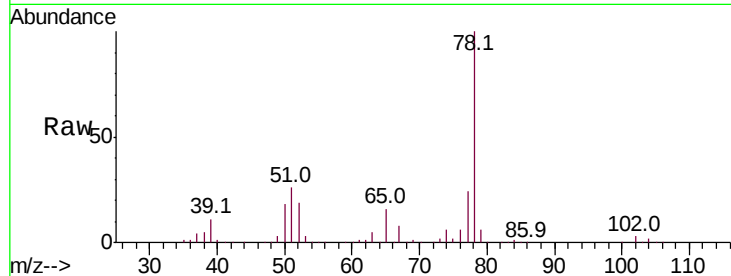
Instrument :

MSVOA_W

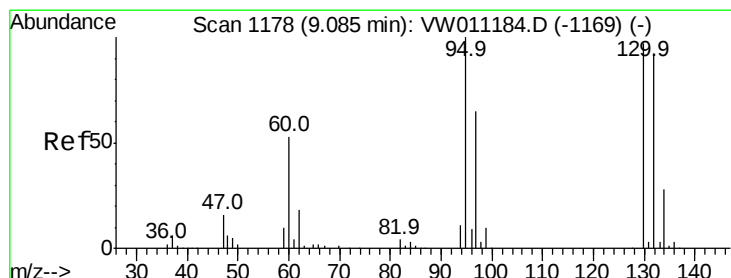
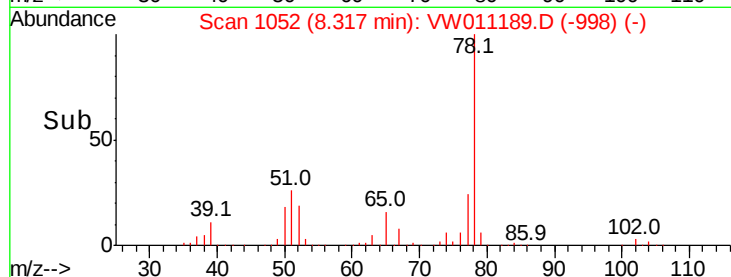
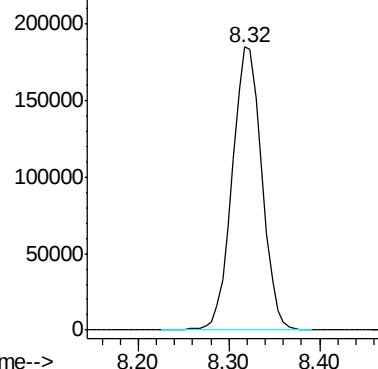
ClientSampleId :

DB8T1MSD

Tgt Ion: 78 Resp: 417306



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 26.974 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW011189.D

Acq: 10 Jul 2019 12:10

Tgt Ion: 95 Resp: 107486

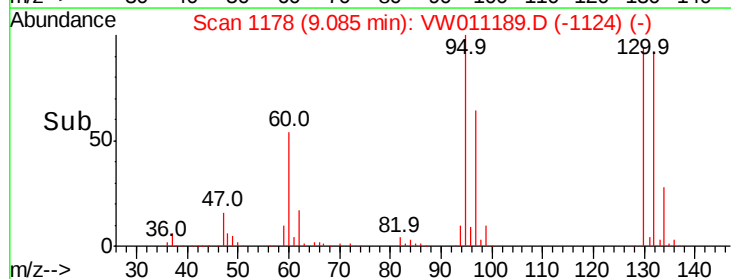
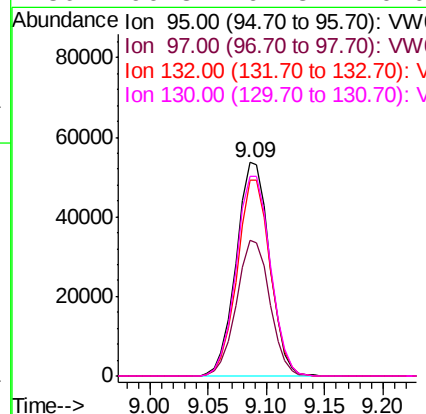
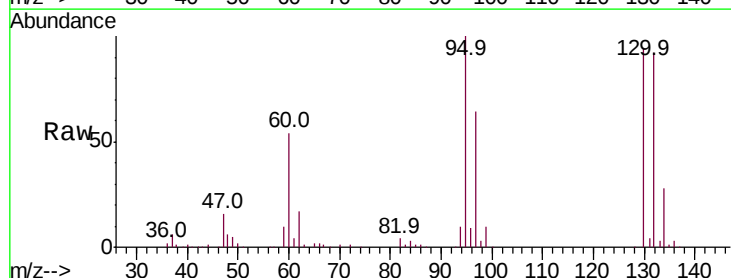
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.4	84.2
132	91.2	65.0	120.8
130	96.3	67.8	126.0

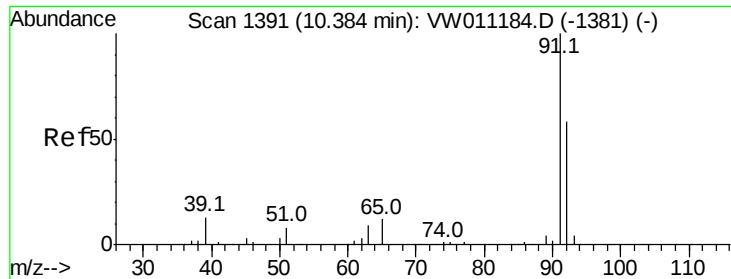
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 26.488 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011189.D

Acq: 10 Jul 2019 12:10

Instrument :

MSVOA_W

ClientSampled :

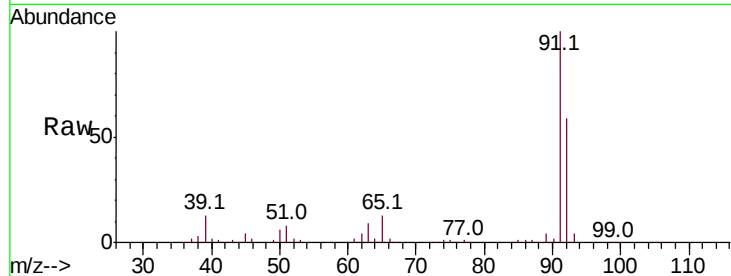
DB8T1MSD

Tot Ion: 91 Resp: 432929

Ion Ratio Lower Upper

91 100

92 59.2 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.38

250000

200000

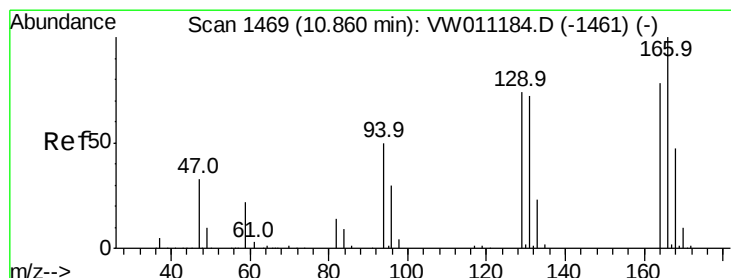
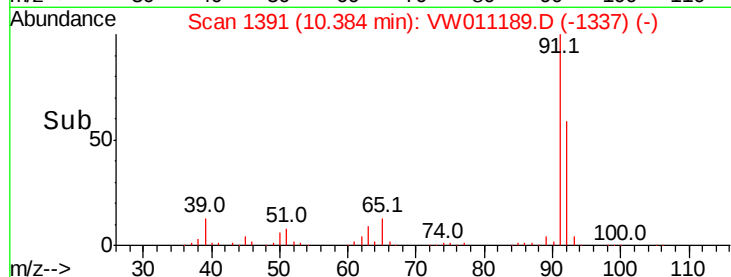
150000

100000

50000

0

Time-->



#47

Tetrachloroethene

Concen: 51.513 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW011189.D

Acq: 10 Jul 2019 12:10

Tgt Ion:164 Resp: 155133

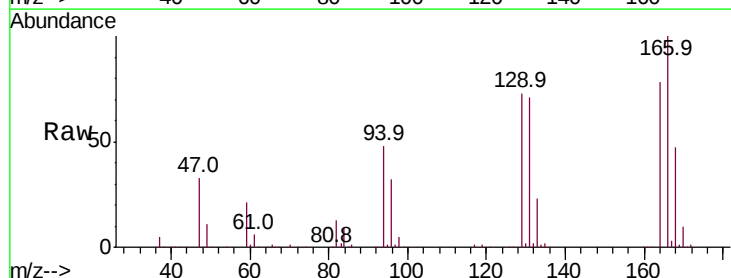
Ion Ratio Lower Upper

164 100

129 93.5 68.5 127.1

131 90.6 64.8 120.4

166 127.8 87.9 163.3



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

10.86

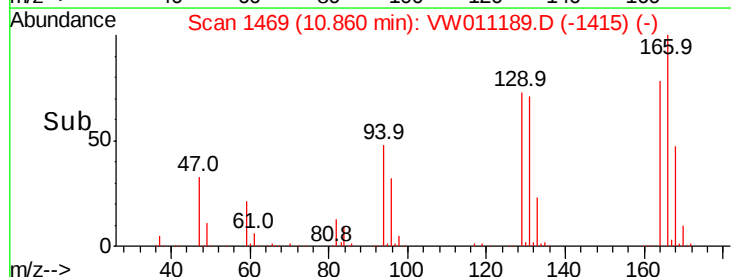
150000

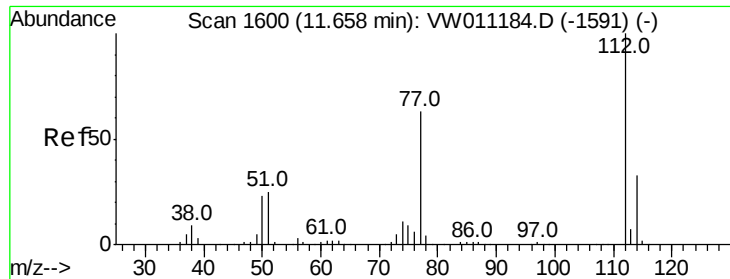
100000

50000

0

Time-->





#52

Chlorobenzene

Concen: 25.909 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011189.D

Acq: 10 Jul 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

DB8T1MSD

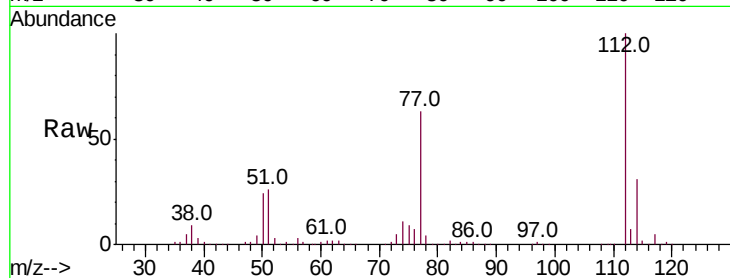
Tot Ion:112 Resp: 258705

Ion Ratio Lower Upper

112 100

77 63.5 51.2 76.8

114 31.4 22.0 40.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

