

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\
 Data File : VW004897.D
 Acq On : 23 Aug 2018 14:56
 Operator : SY/AP
 Sample : J4624-14MS
 Misc : 5.97G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E4446MS

Quant Time: Aug 24 05:53:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 05:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	629352	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	658998	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	315051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	283320	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
7) Chloroethane-d5	2.89	69	214561	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
10) 1,1-Dichloroethene-d2	4.03	63	372980	24.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.20%
20) 2-Butanone-d5	7.09	46	114183	47.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.32%
24) Chloroform-d	7.66	84	356509	25.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.08%
26) 1,2-Dichloroethane-d4	8.31	65	196309	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.28	84	837922	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.28	67	246416	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.96%
37) Toluene-d8	10.33	98	883247	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.40%
38) trans-1,3-Dichloropropene-	10.59	79	104011	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.08%
39) 2-Hexanone-d5	10.93	63	112517	45.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.20%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	235167	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.00%
61) 1,2-Dichlorobenzene-d4	13.87	152	343985	27.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.72%

Target Compounds

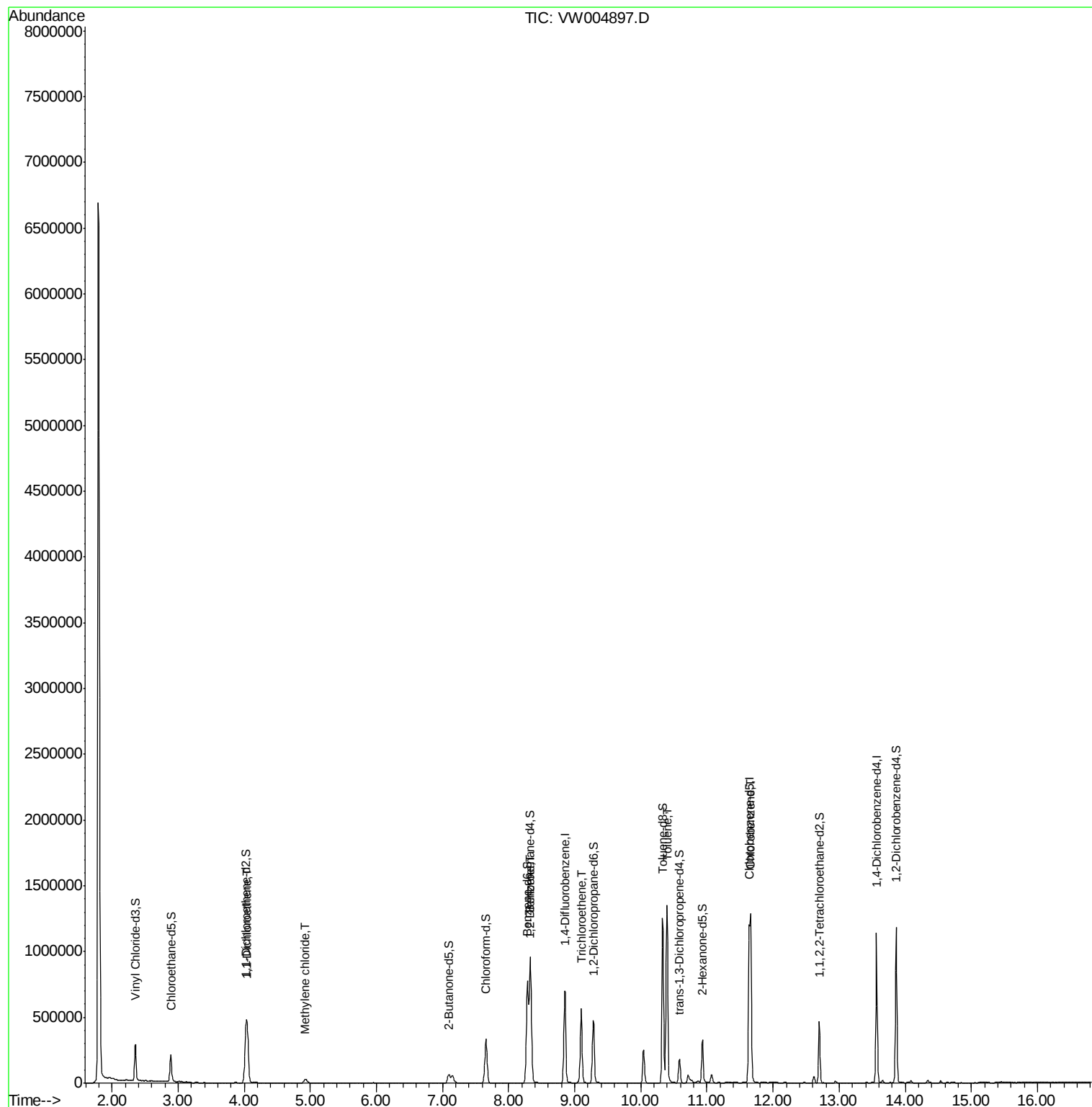
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.05	96	174859	23.86	ug/L	96
16) Methylene chloride	4.92	84	25064	2.05	ug/L	91
34) Benzene	8.33	78	844025	22.46	ug/L	100
35) Trichloroethene	9.10	95	204628	21.90	ug/L	99
44) Toluene	10.40	91	1042349	23.10	ug/L	99
52) Chlorobenzene	11.66	112	673440	22.47	ug/L	99

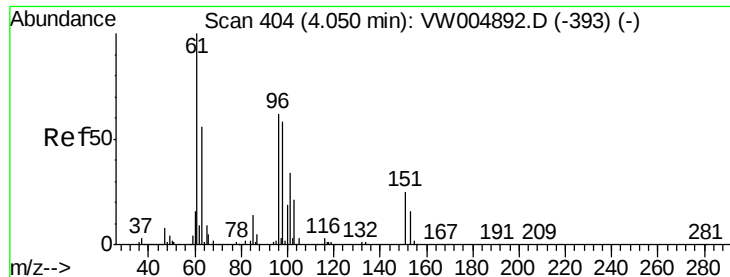
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 24 05:01:02 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.86 ug/L

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004897.D

Acq: 23 Aug 2018 14:56

Instrument :

MSVOA_W

ClientSampleId :

E4446MS

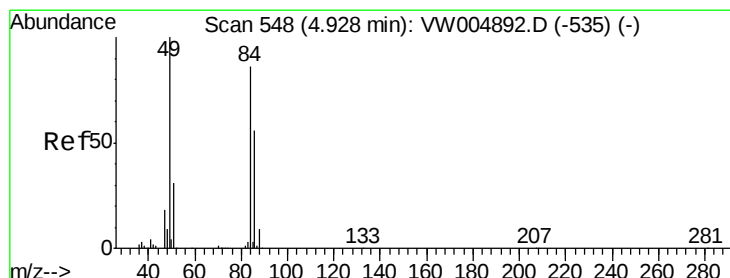
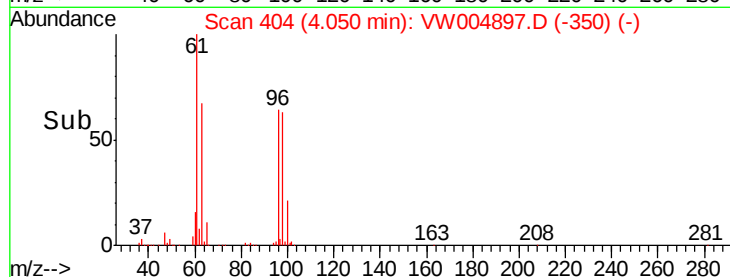
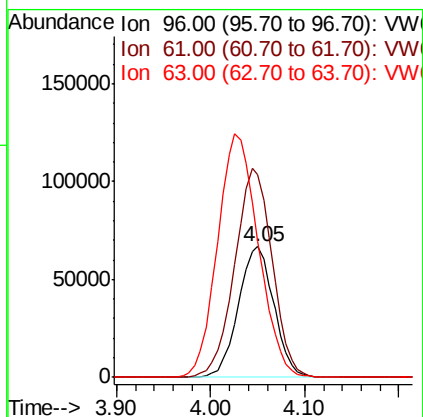
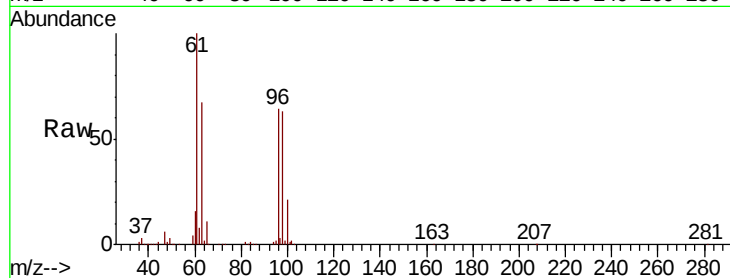
Tot Ion: 96 Resp: 174859

Ion Ratio Lower Upper

96 100

61 155.6 107.0 198.8

63 103.9 76.9 142.7



#16

Methylene chloride

Concen: 2.05 ug/L

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW004897.D

Acq: 23 Aug 2018 14:56

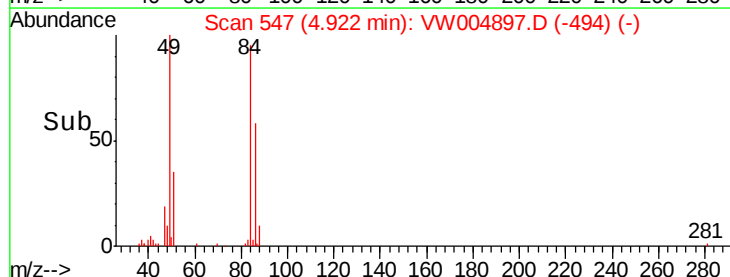
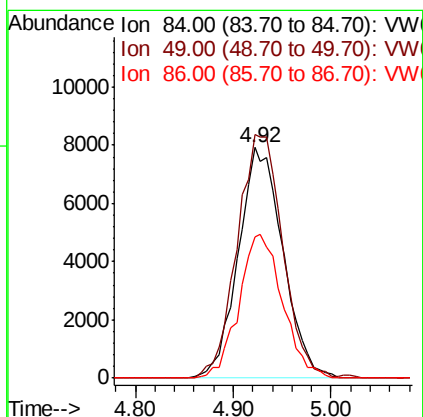
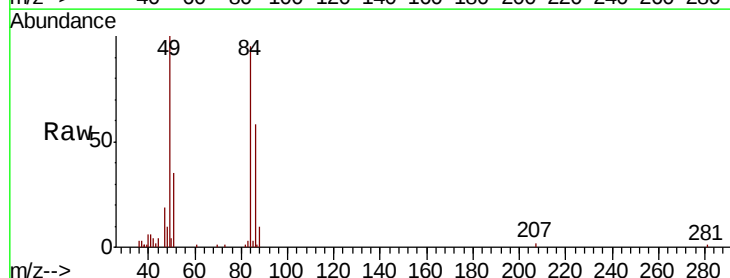
Tgt Ion: 84 Resp: 25064

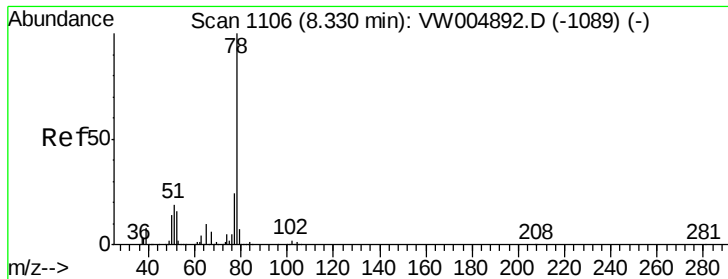
Ion Ratio Lower Upper

84 100

49 105.7 83.8 155.6

86 61.5 42.6 79.0





#34

Benzene

Concen: 22.46 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW004897.D

Acq: 23 Aug 2018 14:56

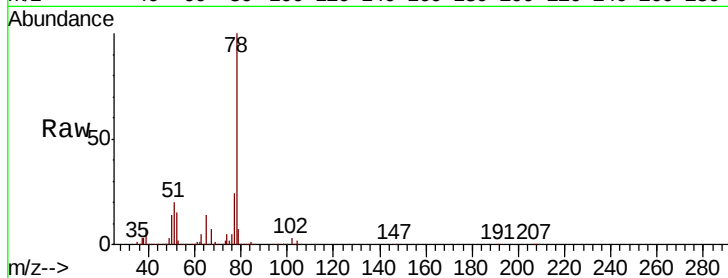
Instrument :

MSVOA_W

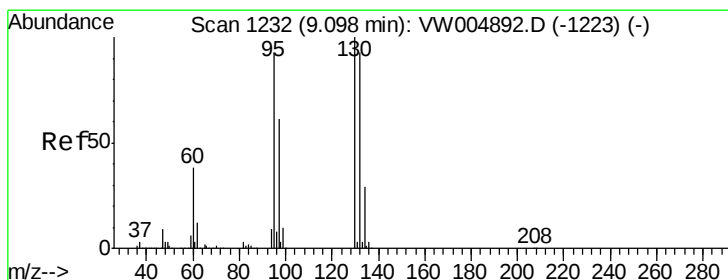
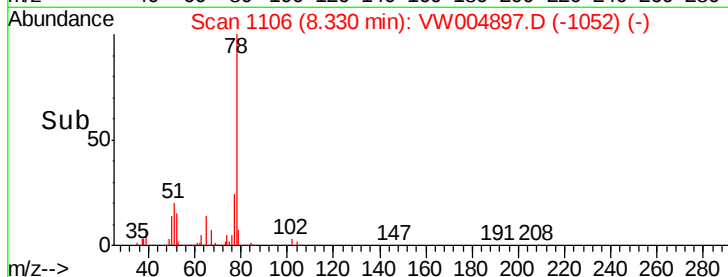
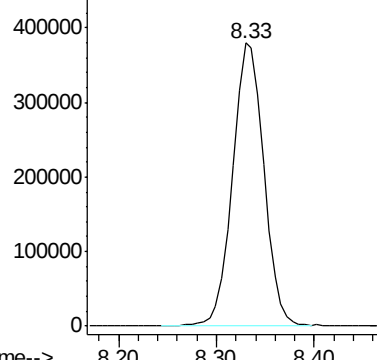
ClientSampleId :

E4446MS

Tgt Ion: 78 Resp: 844025



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 21.90 ug/L

RT: 9.10 min Scan# 1232

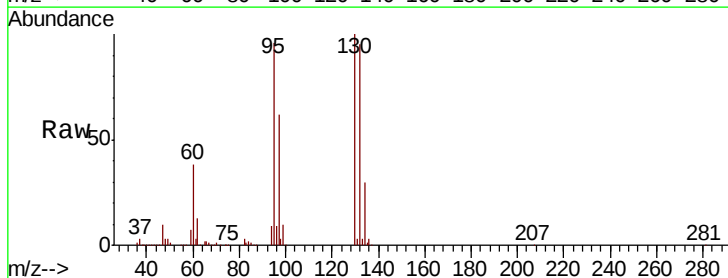
Delta R.T. -0.00 min

Lab File: VW004897.D

Acq: 23 Aug 2018 14:56

Tgt Ion: 95 Resp: 204628

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.9	85.3
132	101.2	69.2	128.4
130	104.3	72.7	135.1

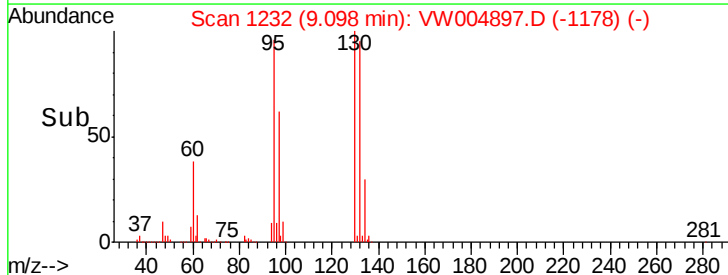
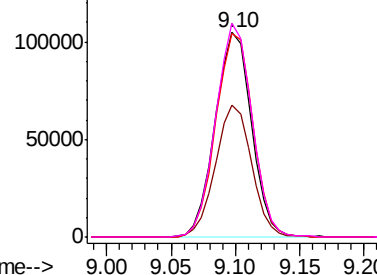


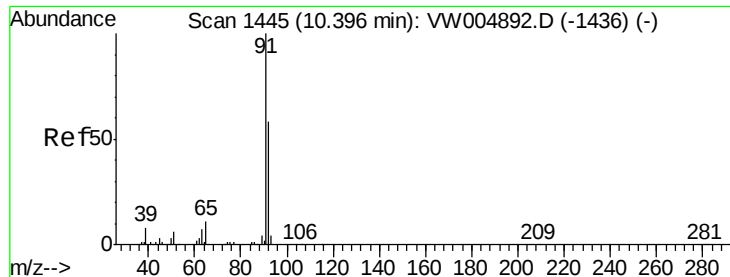
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 23.10 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW004897.D

Acq: 23 Aug 2018 14:56

Instrument :

MSVOA_W

ClientSampleId :

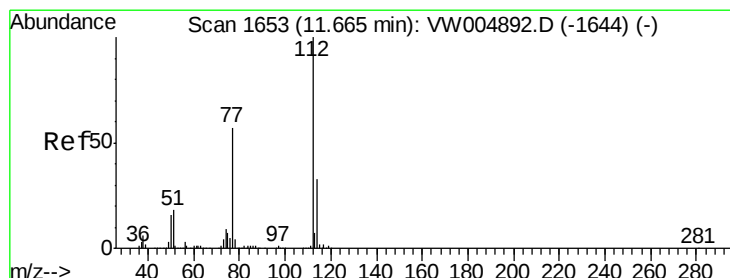
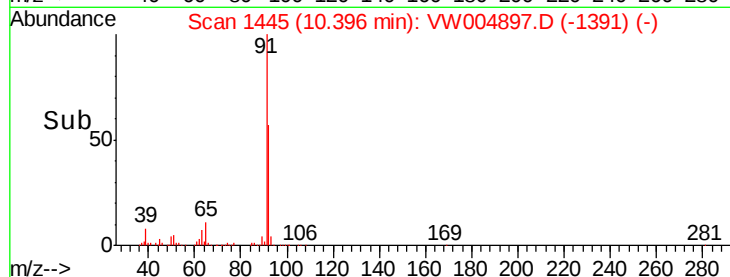
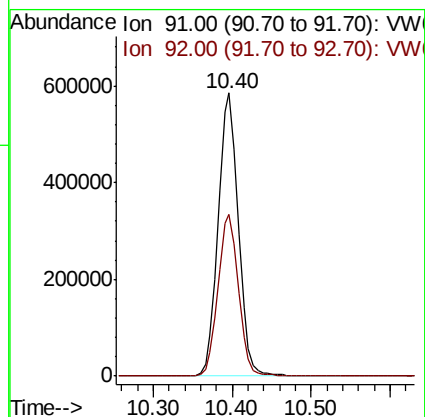
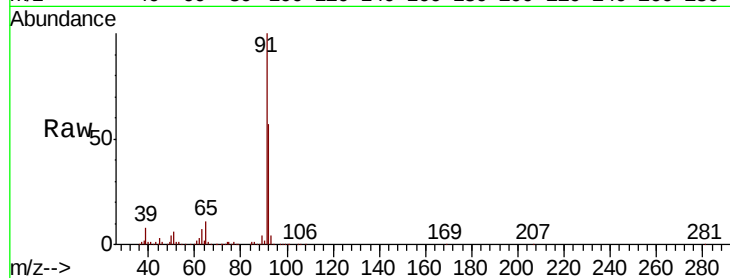
E4446MS

Tot Ion: 91 Resp: 1042349

Ion Ratio Lower Upper

91 100

92 57.2 40.6 75.4



#52

Chlorobenzene

Concen: 22.47 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004897.D

Acq: 23 Aug 2018 14:56

Tgt Ion: 112 Resp: 673440

Ion Ratio Lower Upper

112 100

77 56.8 45.8 68.8

114 31.8 22.5 41.7

