

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072919\
 Data File : VW011557.D
 Acq On : 29 Jul 2019 13:54
 Operator : SY/VA
 Sample : K3979-23MSD
 Misc : 4.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB940MSD

Quant Time: Jul 30 07:03:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 05:56:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383500	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338685	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157767	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108944	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	2.89	69	81806	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
10) 1,1-Dichloroethene-d2	4.03	63	256599	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.48%
20) 2-Butanone-d5	7.07	46	128559	58.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.94%
24) Chloroform-d	7.65	84	225558	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	8.30	65	144541	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.00%
29) Benzene-d6	8.27	84	466881	23.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.20%
33) 1,2-Dichloropropane-d6	9.27	67	156756	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.32	98	408557	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.04%
38) trans-1,3-Dichloropropene-	10.58	79	67494	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.24%
39) 2-Hexanone-d5	10.93	63	86180	60.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140607	26.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	143194	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

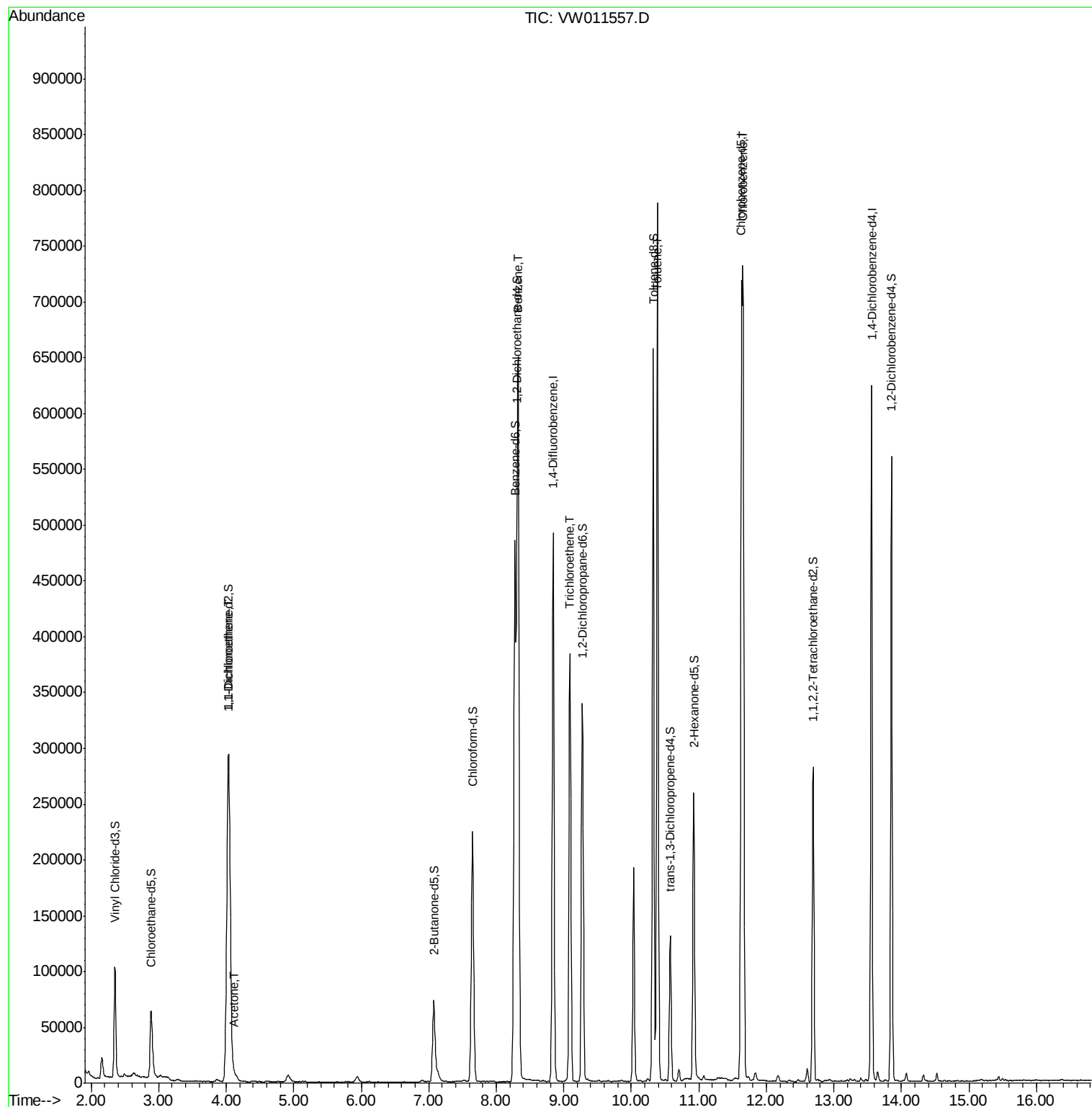
Target Compounds					Ovalue
12) 1,1-Dichloroethene	4.04	96	115987	22.770 ug/L	95
13) Acetone	4.12	43	4991	2.164 ug/L	77
34) Benzene	8.32	78	534188	24.297 ug/L	100
35) Trichloroethene	9.09	95	133695	23.926 ug/L	99
44) Toluene	10.39	91	550434	24.409 ug/L	99
52) Chlorobenzene	11.66	112	328281	24.140 ug/L	99

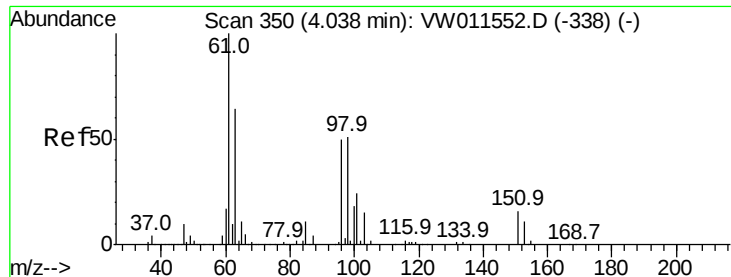
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 22.770 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

DB940MSD

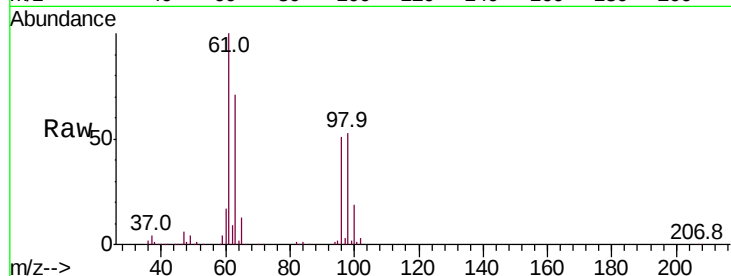
Tot Ion: 96 Resp: 115987

Ion Ratio Lower Upper

96 100

61 195.2 133.2 247.4

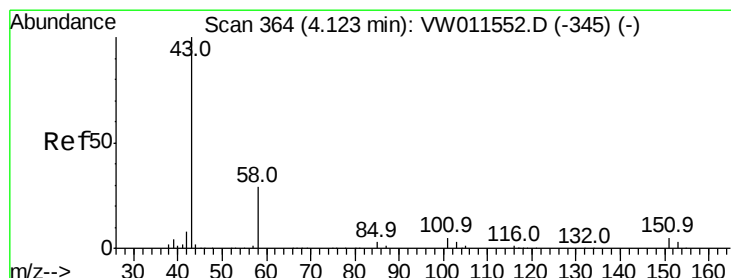
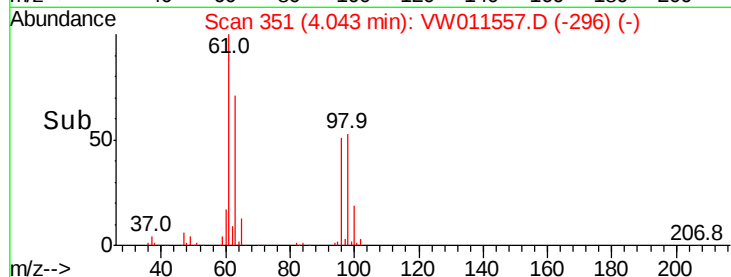
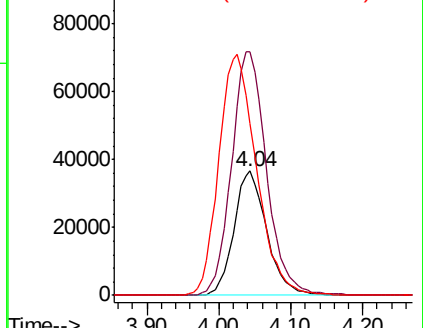
63 138.0 89.9 166.9



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 2.164 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW011557.D

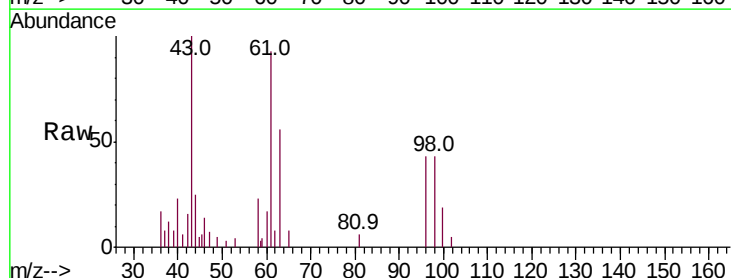
Acq: 29 Jul 2019 13:54

Tgt Ion: 43 Resp: 4991

Ion Ratio Lower Upper

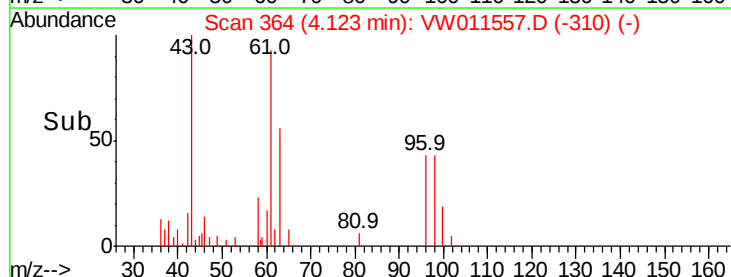
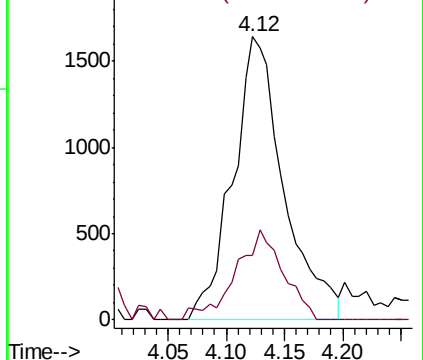
43 100

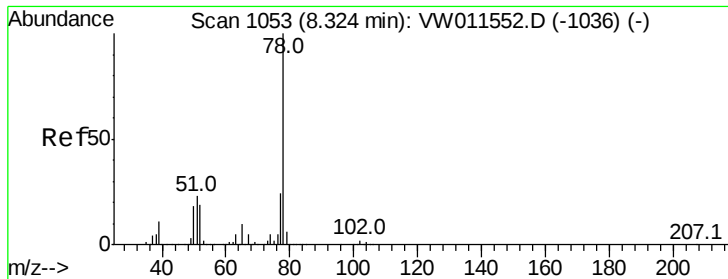
58 16.5 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#34

Benzene

Concen: 24.297 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011557.D

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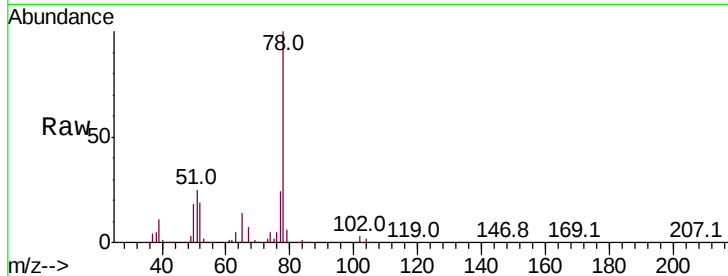
Instrument :

MSVOA_W

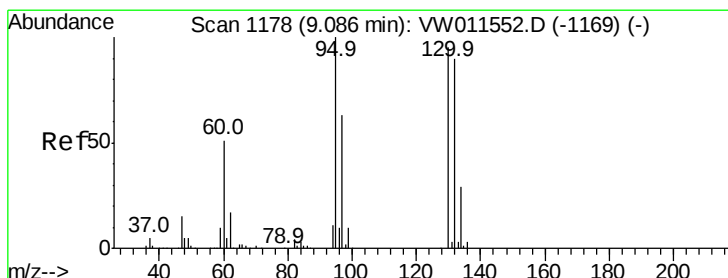
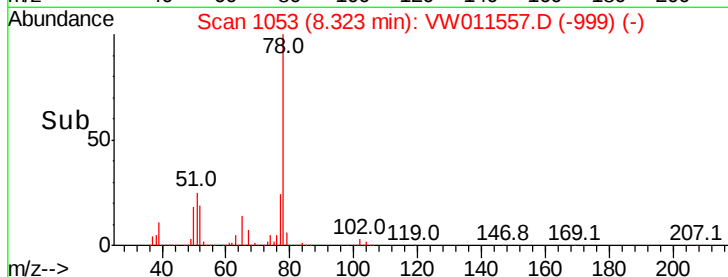
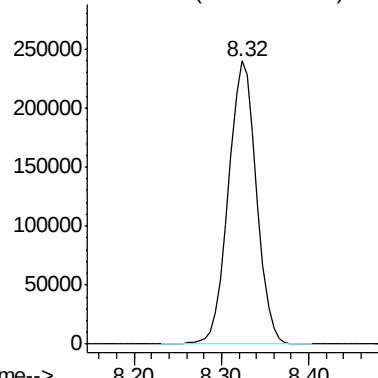
ClientSampleId :

DB940MSD

Tgt Ion: 78 Resp: 534188



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.926 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW011557.D

Acq: 29 Jul 2019 13:54

Tgt Ion: 95 Resp: 133695

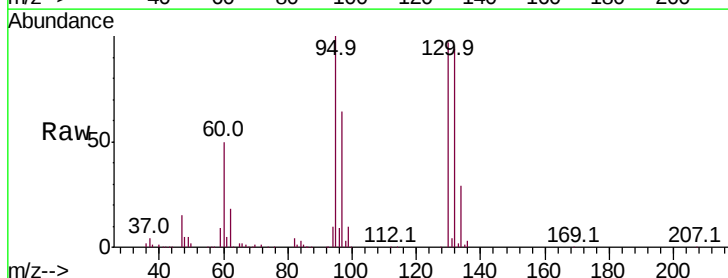
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.6	82.8
132	93.0	66.0	122.6
130	96.7	68.4	127.0

95 100

97 64.3 44.6 82.8

132 93.0 66.0 122.6

130 96.7 68.4 127.0

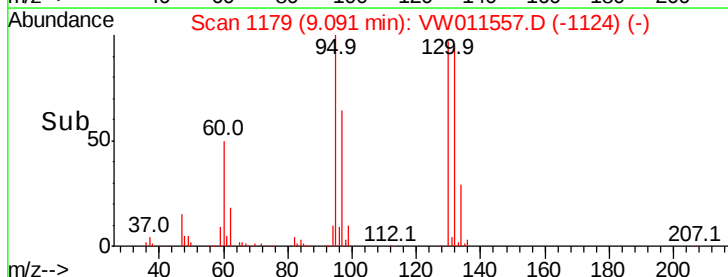
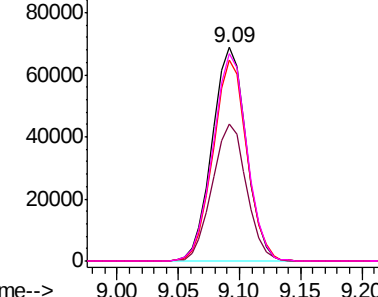


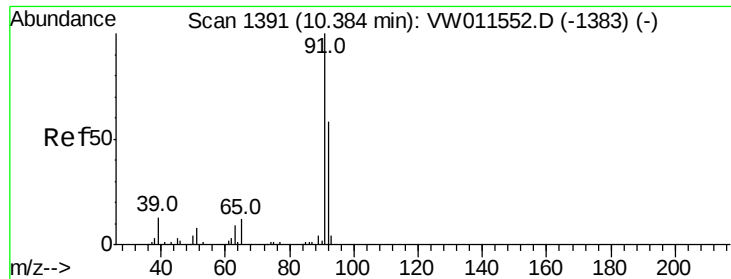
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.409 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011557.D

Acq: 29 Jul 2019 13:54

Instrument :

MSVOA_W

ClientSampleId :

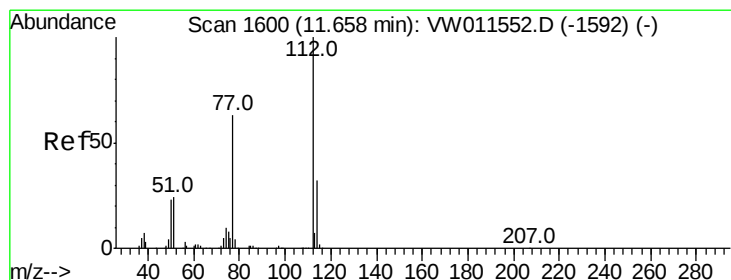
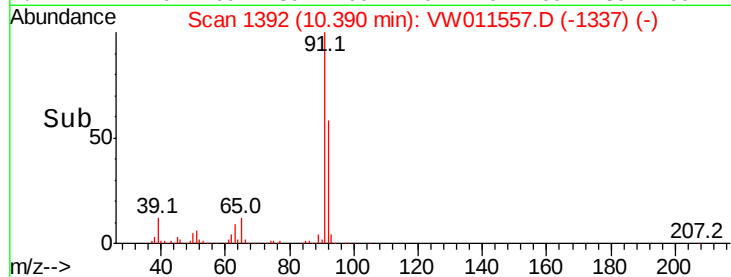
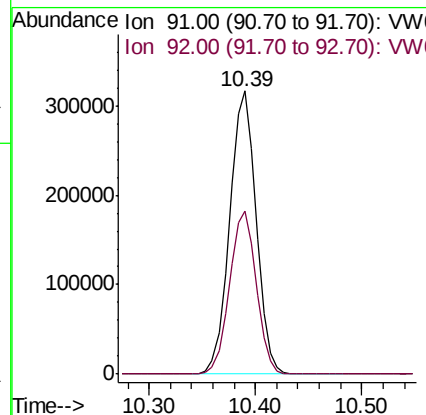
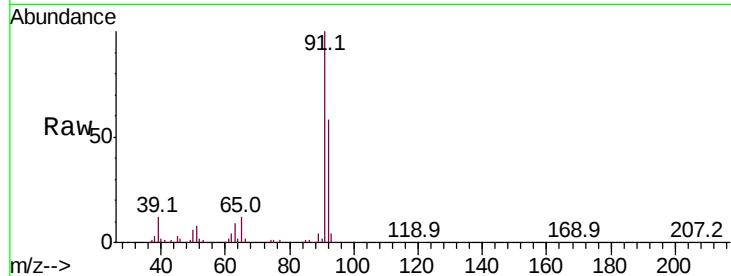
DB940MSD

Tot Ion: 91 Resp: 550434

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.4



#52

Chlorobenzene

Concen: 24.140 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011557.D

Acq: 29 Jul 2019 13:54

Tgt Ion: 112 Resp: 328281

Ion Ratio Lower Upper

112 100

77 64.6 52.2 78.2

114 32.9 22.0 41.0

