

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 05:59:42 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%

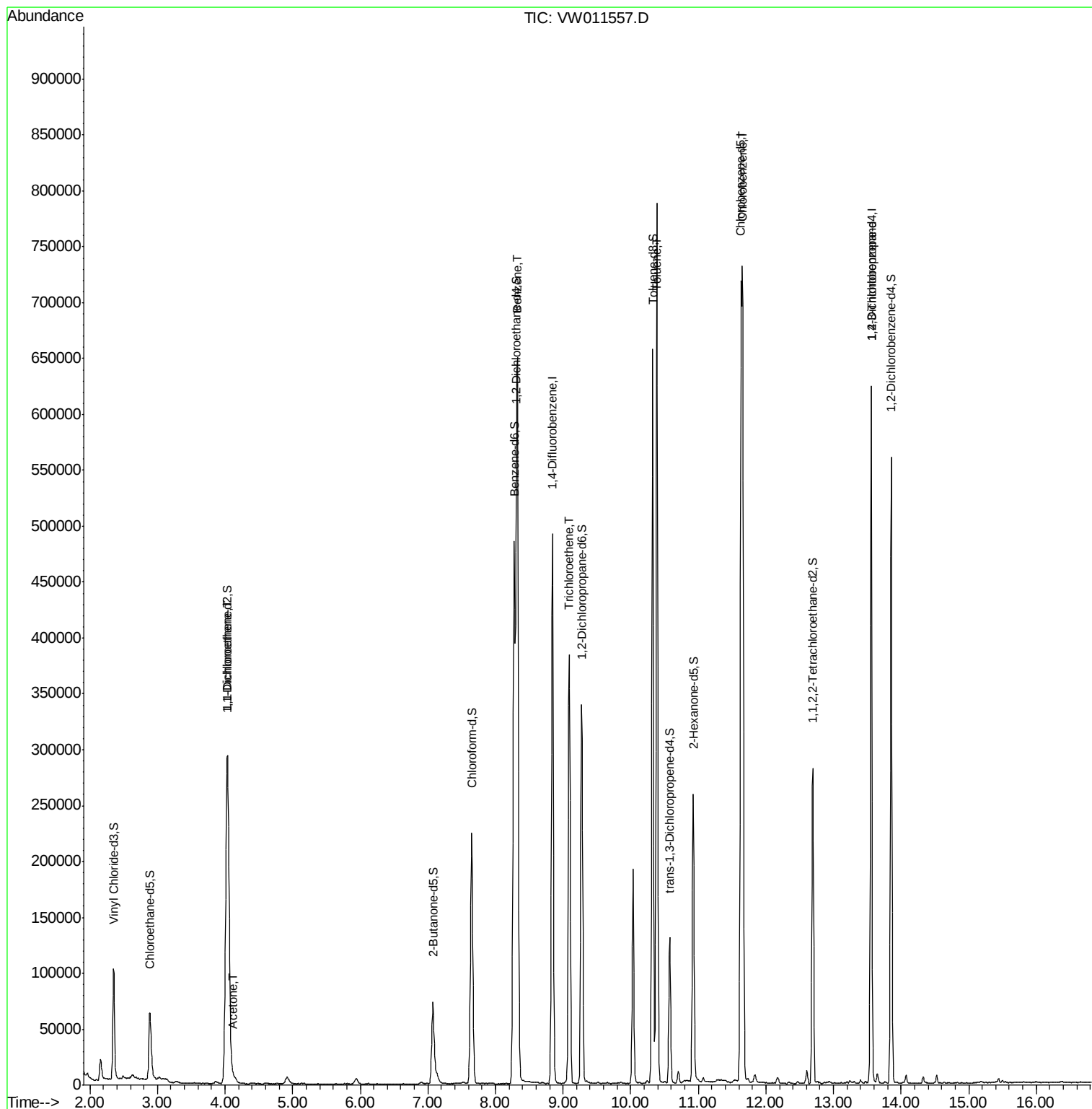
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	115987	22.770	ug/L	95
13) Acetone	4.12	43	4991	2.164	ug/L	77
34) Benzene	8.32	78	534188	24.297	ug/L	100
35) Trichloroethene	9.09	95	133695	23.926	ug/L	99
44) Toluene	10.39	91	550434	24.409	ug/L	99
52) Chlorobenzene	11.66	112	328281	24.140	ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	21083	5.373	ug/L	92

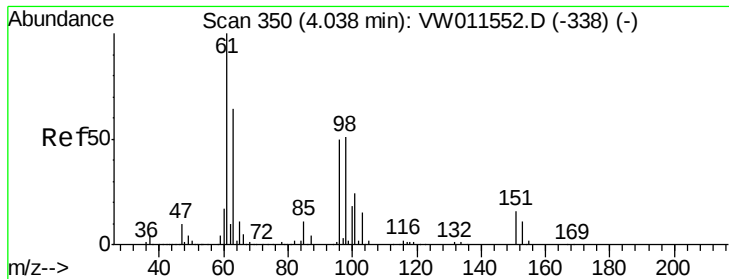
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

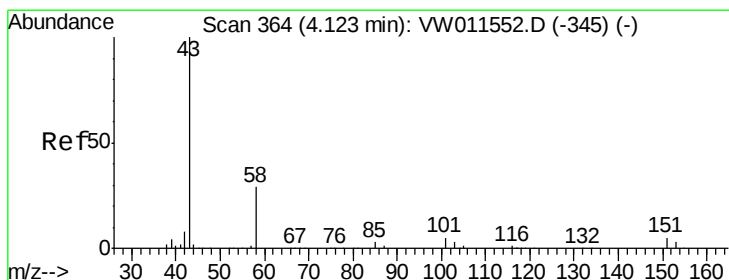
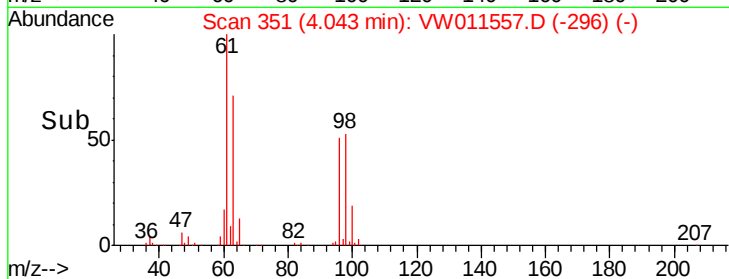
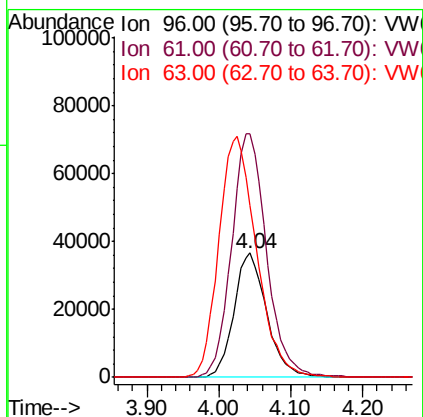
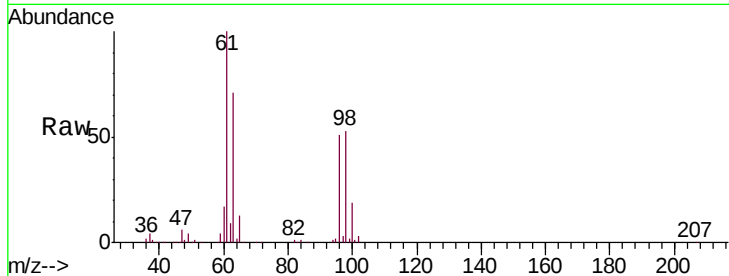
Tgt Ion: 96 Resp: 115987

Ion Ratio Lower Upper

96 100

61 195.2 133.2 247.4

63 138.0 89.9 166.9



#13

Acetone

Concen: 2.164 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW011557.D

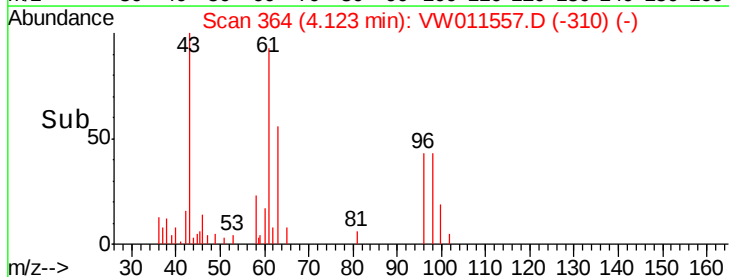
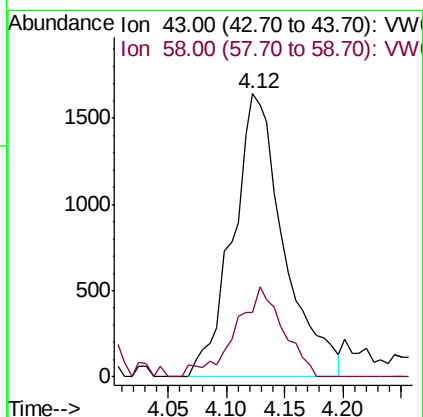
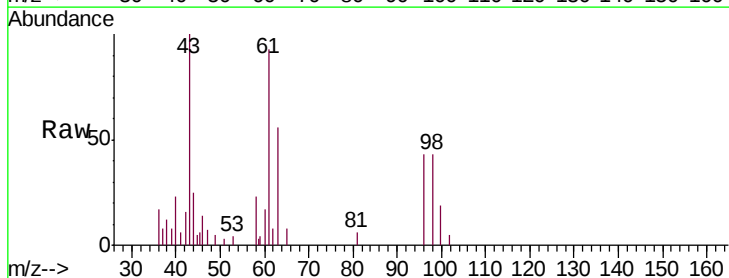
Acq: 29 Jul 2019 13:54

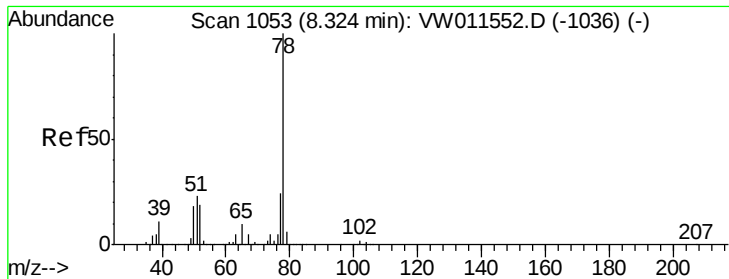
Tgt Ion: 43 Resp: 4991

Ion Ratio Lower Upper

43 100

58 16.5 0.0 57.2





#34

Benzene

Concen: 24.297 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011557.D

Acq: 29 Jul 2019 13:54

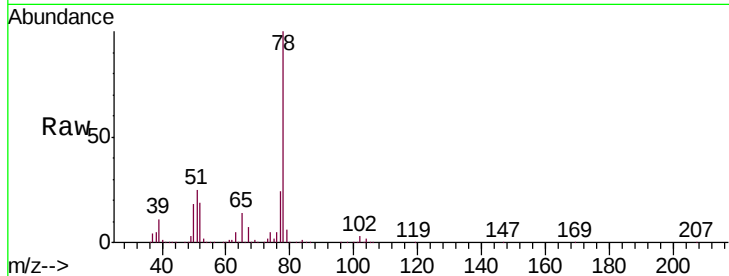
Instrument :

MSVOA_W

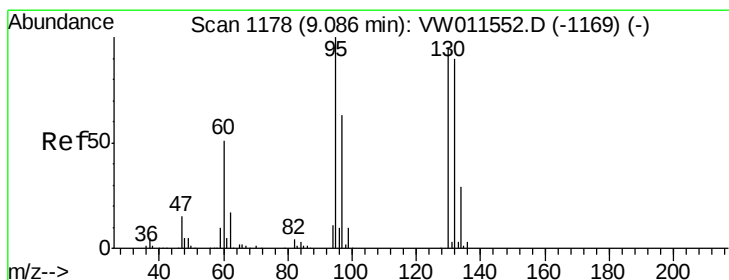
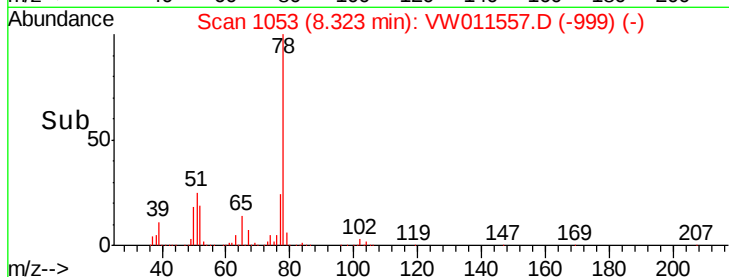
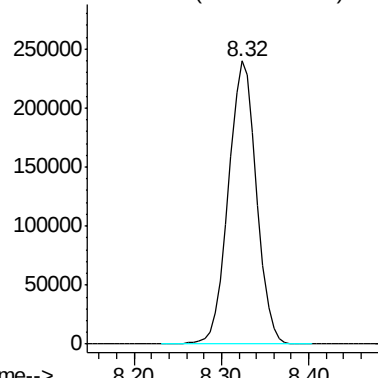
ClientSampleId :

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

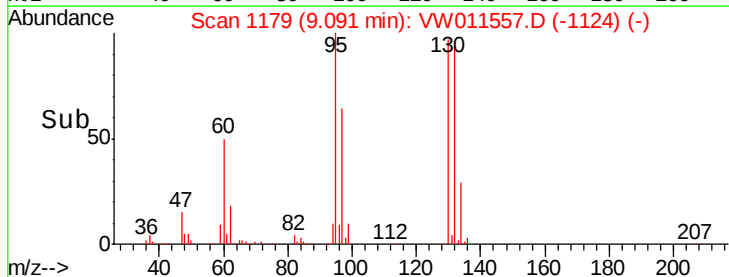
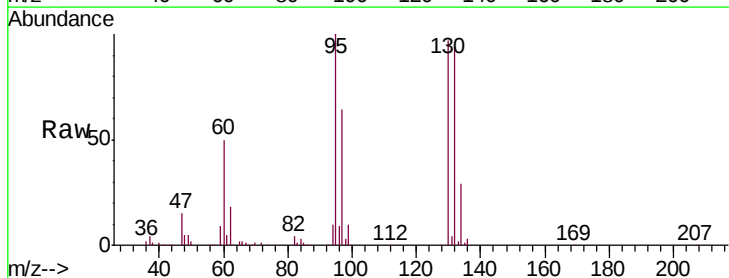
Delta R.T. 0.01 min

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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

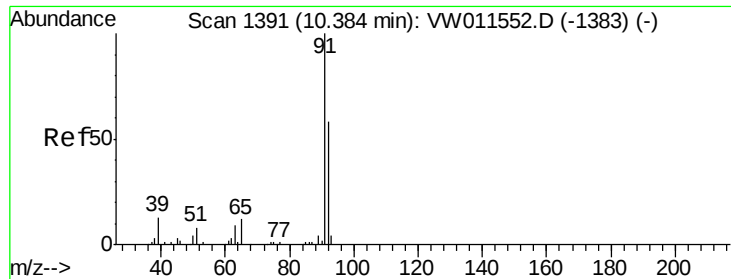


Abundance Ion 95.00 (94.70 to 95.70): VW

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 :

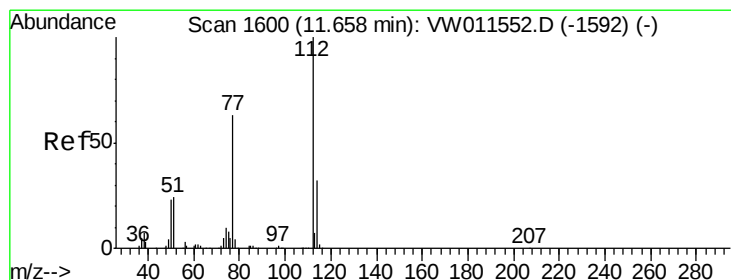
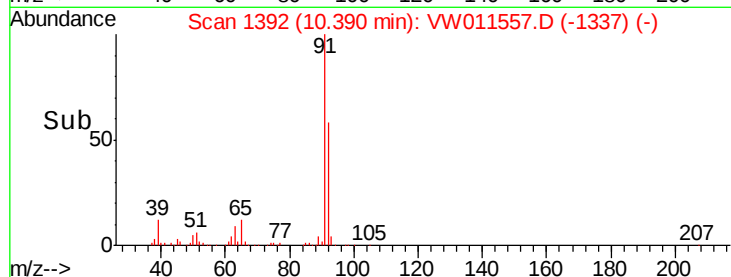
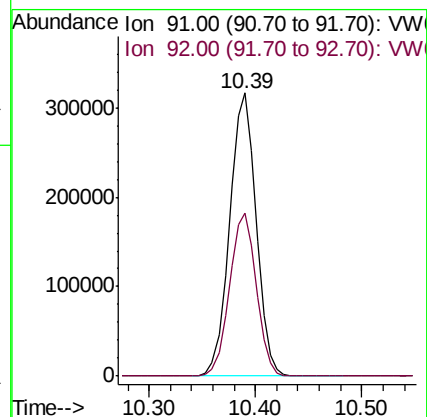
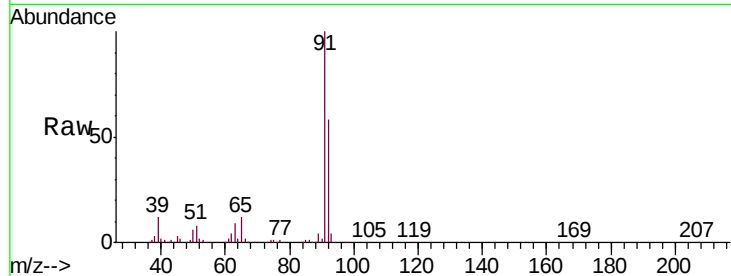
DB940MSD

Tgt 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

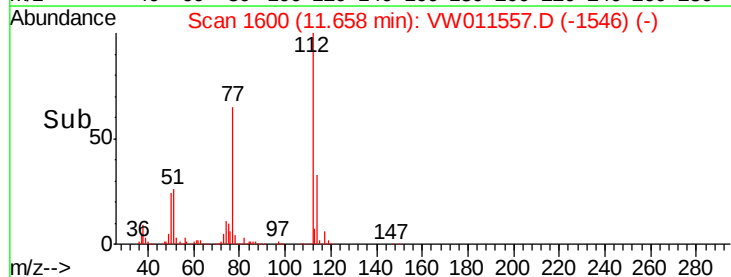
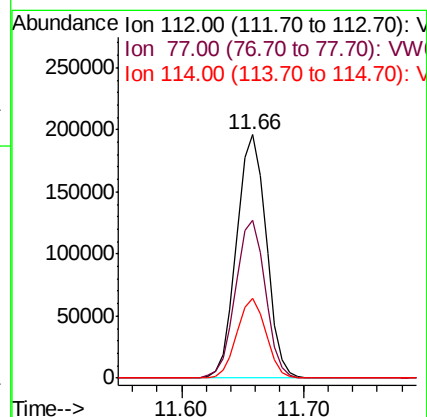
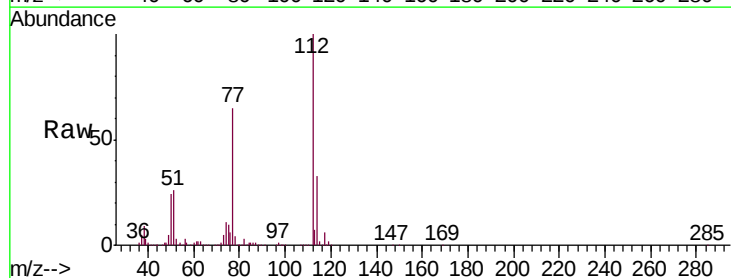
Tgt Ion: 112 Resp: 328281

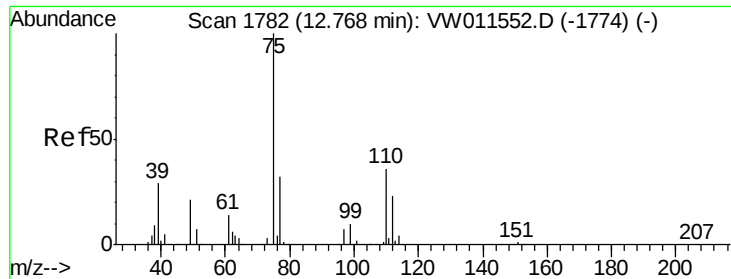
Ion Ratio Lower Upper

112 100

77 64.6 52.2 78.2

114 32.9 22.0 41.0





#59

1,2,3-Trichloropropane

Concen: 5.373 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW011557.D

Acq: 29 Jul 2019 13:54

Instrument :

MSVOA_W

ClientSampleId :

DB940MSD

Tgt Ion: 75 Resp: 21083

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.8

