

Data File : VW008920.D
Acq On : 01 Mar 2019 13:53
Operator : SY/VA
Sample : K1657-03MS
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB648MS

Quant Time: Mar 02 02:58:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	358584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	119780	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
7) Chloroethane-d5	2.88	69	113778	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
10) 1,1-Dichloroethene-d2	4.02	63	212715	22.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.72%
20) 2-Butanone-d5	7.07	46	51443	30.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.86%
24) Chloroform-d	7.65	84	182887	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	8.30	65	111192	21.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.92%
29) Benzene-d6	8.27	84	392738	25.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.08%
33) 1,2-Dichloropropane-d6	9.27	67	113431	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.60%
37) Toluene-d8	10.32	98	378678	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.24%
38) trans-1,3-Dichloropropene-	10.58	79	40118	17.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.72%
39) 2-Hexanone-d5	10.93	63	40003	32.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81589	18.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	96604	23.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.00%

Target Compounds

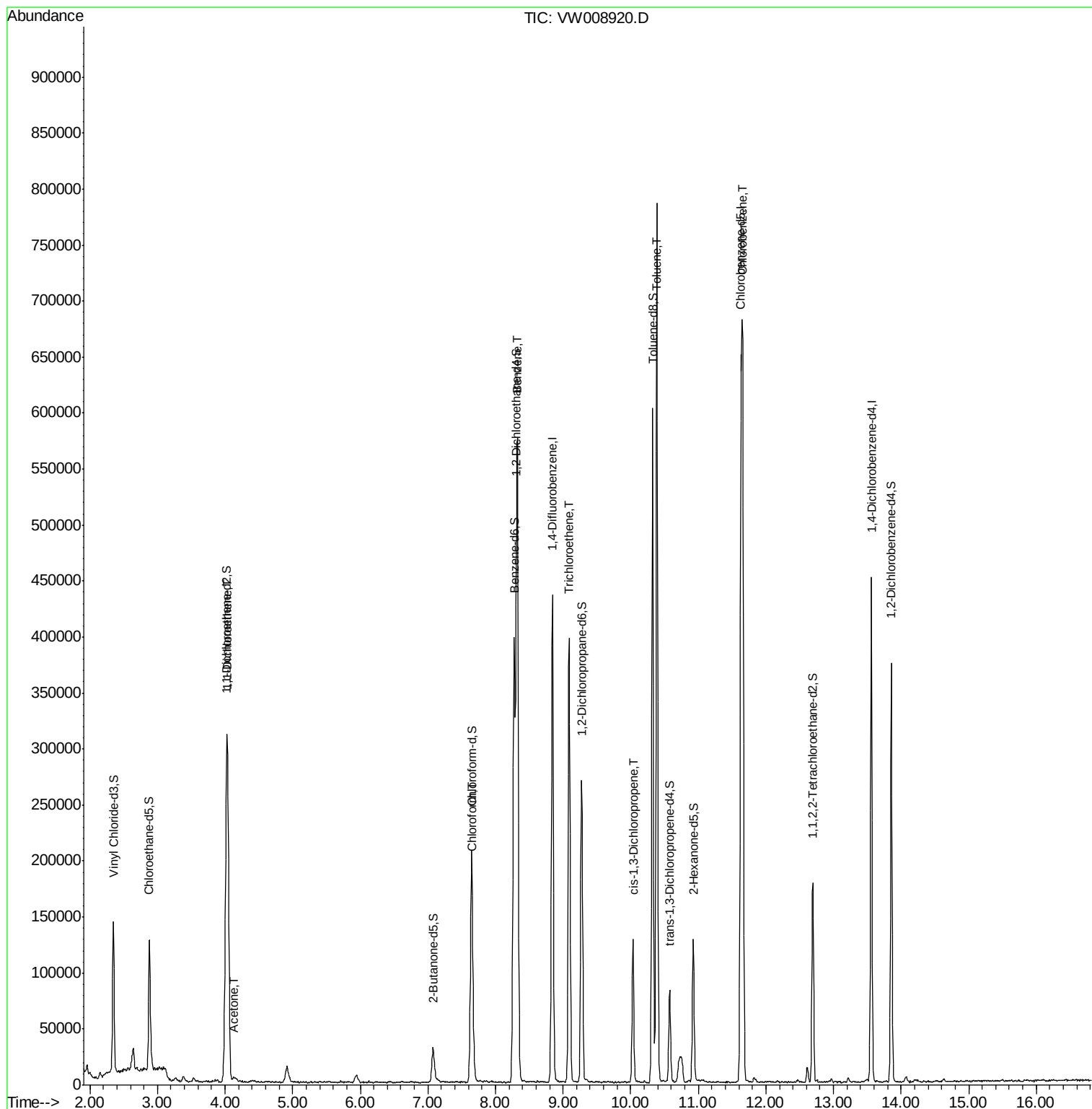
						Qvalue
12) 1,1-Dichloroethene	4.04	96	110805	24.773	ug/L	91
13) Acetone	4.13	43	5574	3.532	ug/L	72
25) Chloroform	7.66	83	11477	1.304	ug/L #	59
34) Benzene	8.32	78	488694	28.372	ug/L	100
35) Trichloroethene	9.09	95	122168	26.278	ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	3547	0.514	ug/L #	64
44) Toluene	10.39	91	555934	28.075	ug/L	96
52) Chlorobenzene	11.66	112	324989	24.385	ug/L	98

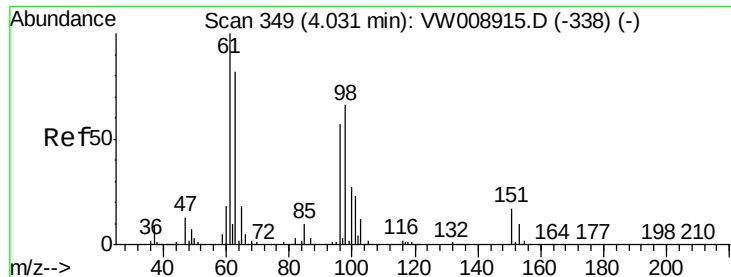
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.773 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

DB648MS

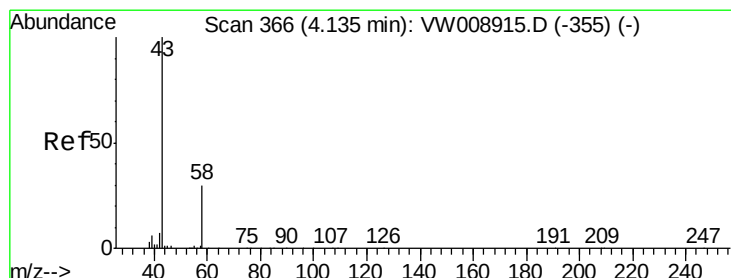
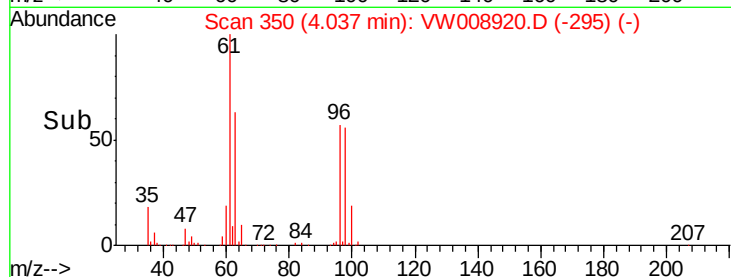
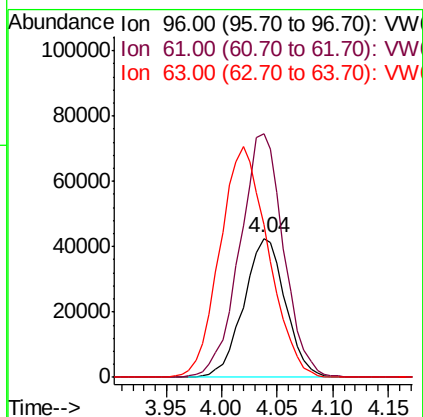
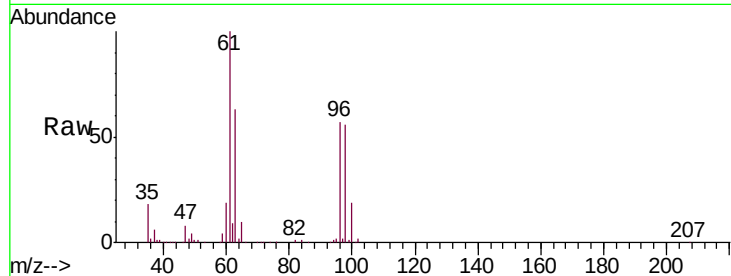
Tgt Ion: 96 Resp: 110805

Ion Ratio Lower Upper

96 100

61 175.2 120.3 223.3

63 110.1 91.6 170.0



#13

Acetone

Concen: 3.532 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008920.D

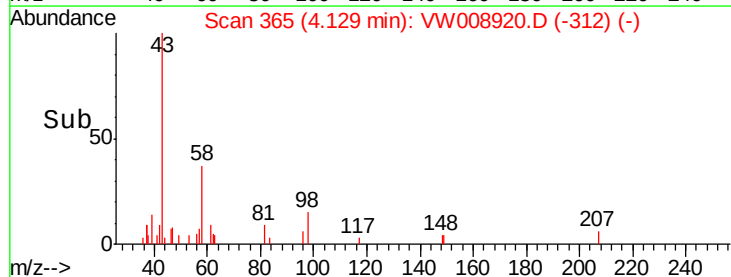
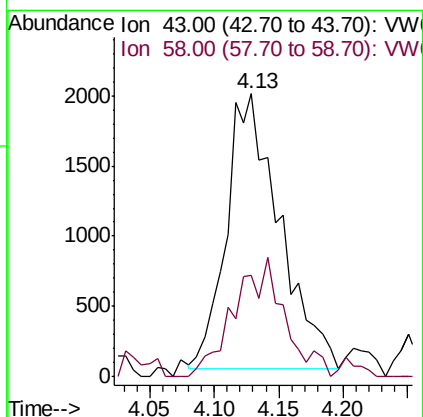
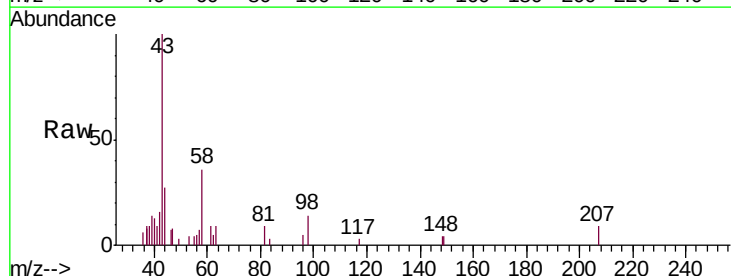
Acq: 01 Mar 2019 13:53

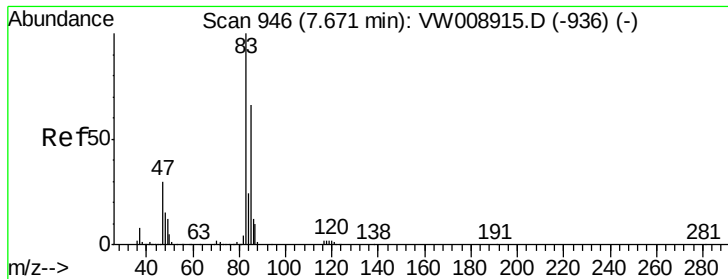
Tgt Ion: 43 Resp: 5574

Ion Ratio Lower Upper

43 100

58 14.5 0.0 58.6

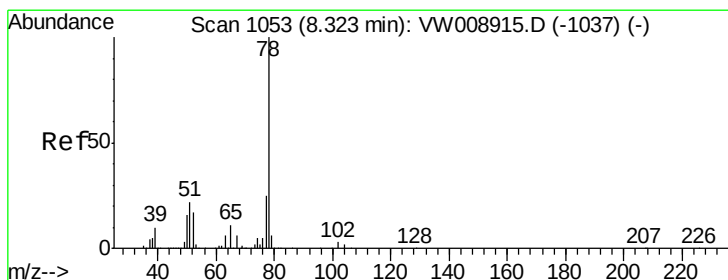
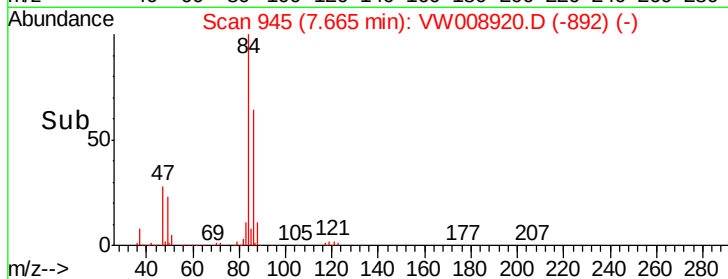
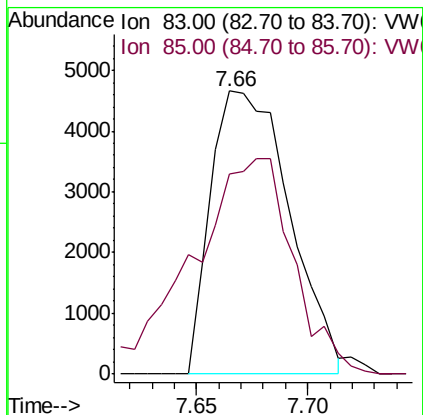
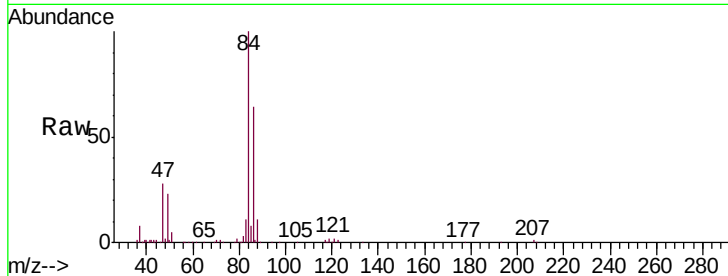




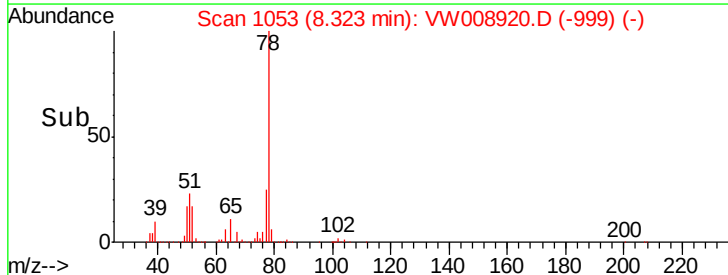
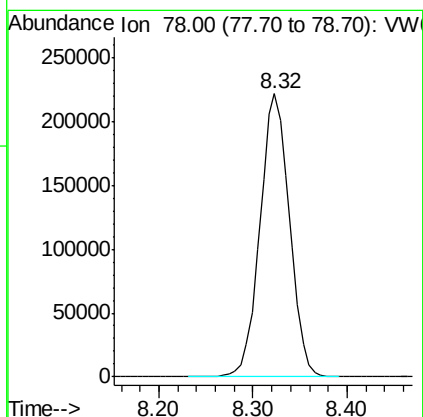
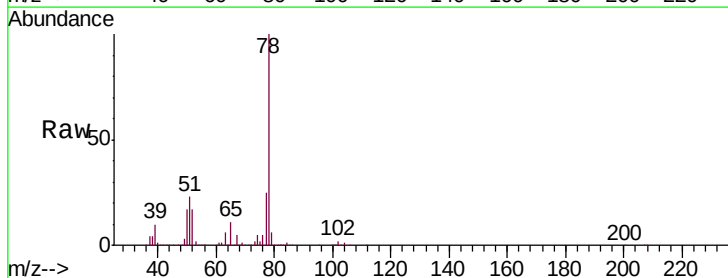
#25
Chloroform
Concen: 1.304 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
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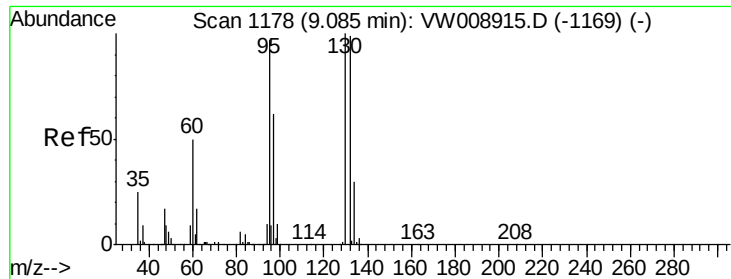
Instrument :
MSVOA_W
ClientSampleId :
DB648MS

Tgt Ion: 83 Resp: 11477
Ion Ratio Lower Upper
83 100
85 97.6 45.8 85.2#



#34
Benzene
Concen: 28.372 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008920.D
Acq: 01 Mar 2019 13:53
Tgt Ion: 78 Resp: 488694

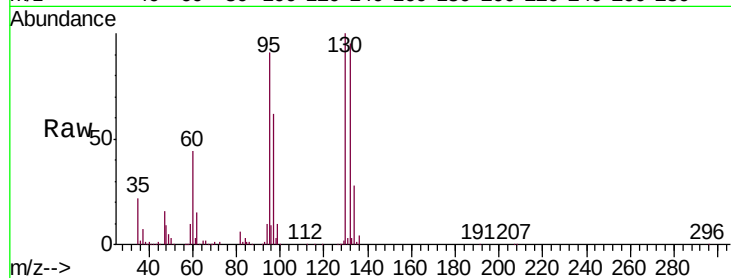




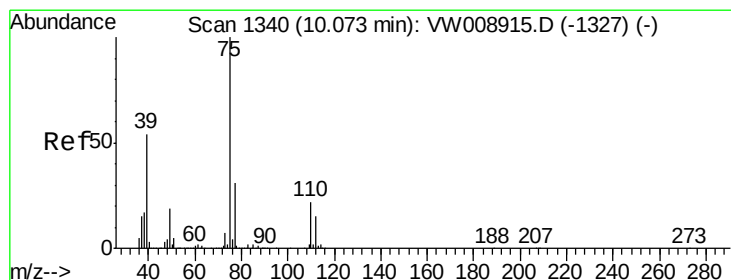
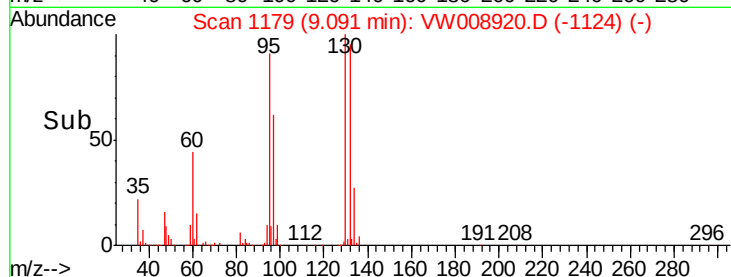
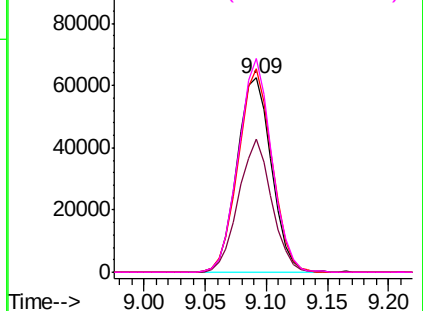
#35
 Trichloroethene
 Concen: 26.278 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW008920.D
 Acq: 01 Mar 2019 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 DB648MS

Tgt Ion: 95 Resp: 122168
 Ion Ratio Lower Upper
 95 100
 97 65.9 44.4 82.5
 132 102.4 67.8 126.0
 130 105.9 70.3 130.7

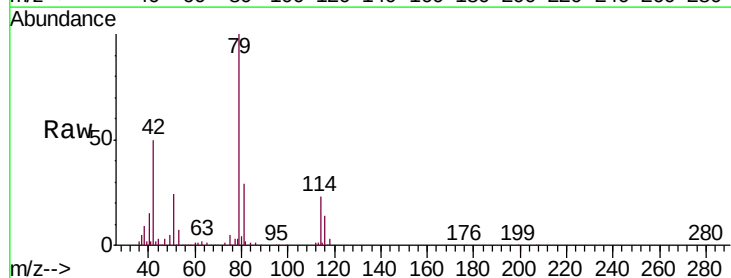


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

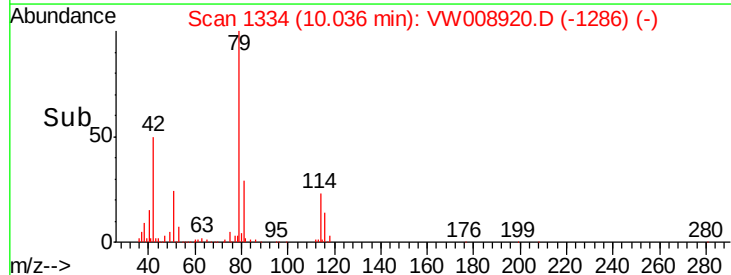
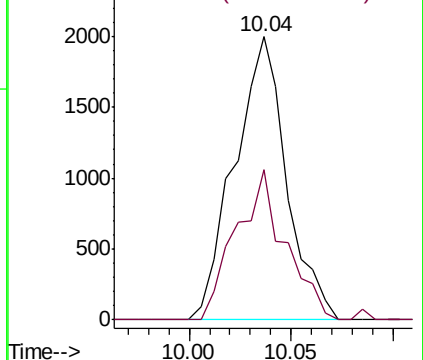


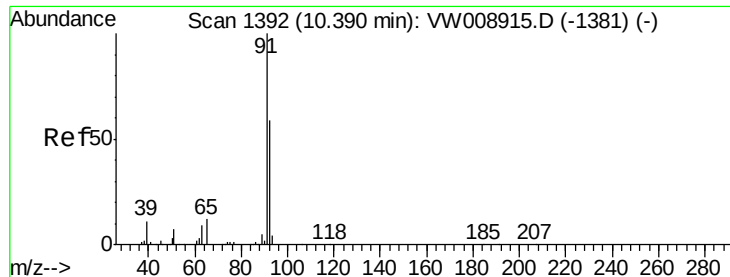
#42
 cis-1,3-Dichloropropene
 Concen: 0.514 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW008920.D
 Acq: 01 Mar 2019 13:53

Tgt Ion: 75 Resp: 3547
 Ion Ratio Lower Upper
 75 100
 77 53.0 23.0 42.8#



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 28.075 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008920.D

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Instrument :

MSVOA_W

ClientSampleId :

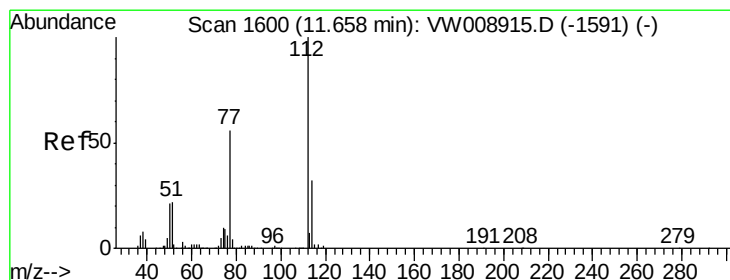
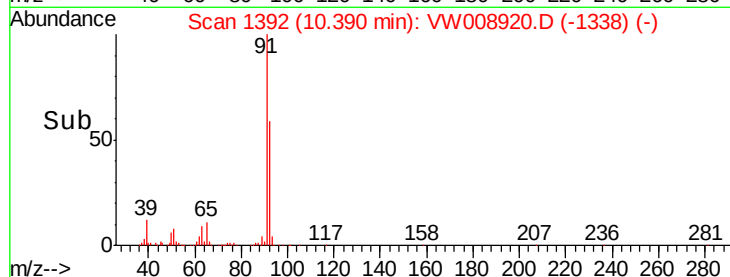
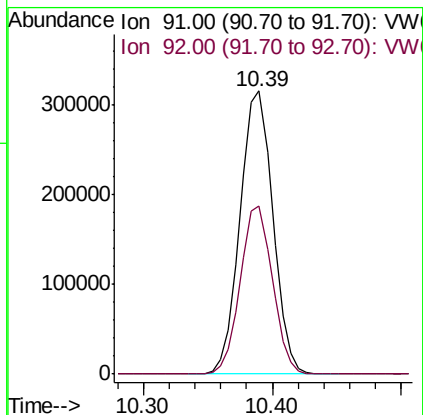
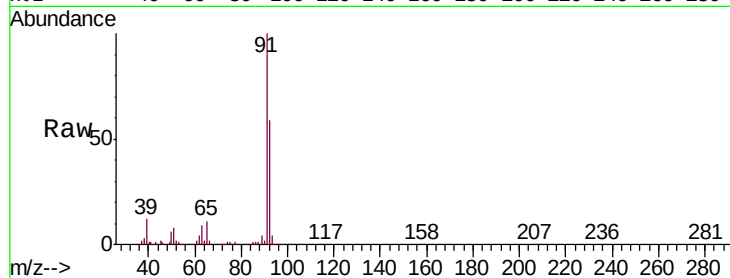
DB648MS

Tgt Ion: 91 Resp: 555934

Ion Ratio Lower Upper

91 100

92 59.4 39.6 73.6



#52

Chlorobenzene

Concen: 24.385 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008920.D

Acq: 01 Mar 2019 13:53

Tgt Ion: 112 Resp: 324989

Ion Ratio Lower Upper

112 100

77 57.3 47.8 71.6

114 32.3 22.2 41.2

