

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062619\
 Data File : VW010999.D
 Acq On : 26 Jun 2019 12:50
 Operator : SY/VA
 Sample : K3461-05MSD
 Misc : 4.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANZ3MSD

Quant Time: Jun 27 08:07:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 27 07:30:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	347430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315453	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148222	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88711	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.80%
7) Chloroethane-d5	2.89	69	66484	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
10) 1,1-Dichloroethene-d2	4.03	63	219838	20.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.64%
20) 2-Butanone-d5	7.07	46	85966	40.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.30%
24) Chloroform-d	7.65	84	201328	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.31	65	128665	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.60%
29) Benzene-d6	8.27	84	408082	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.27	67	138889	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.76%
37) Toluene-d8	10.32	98	364541	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.32%
38) trans-1,3-Dichloropropene-	10.58	79	51666	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	58876	41.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110227	21.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	130612	23.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.36%

Target Compounds

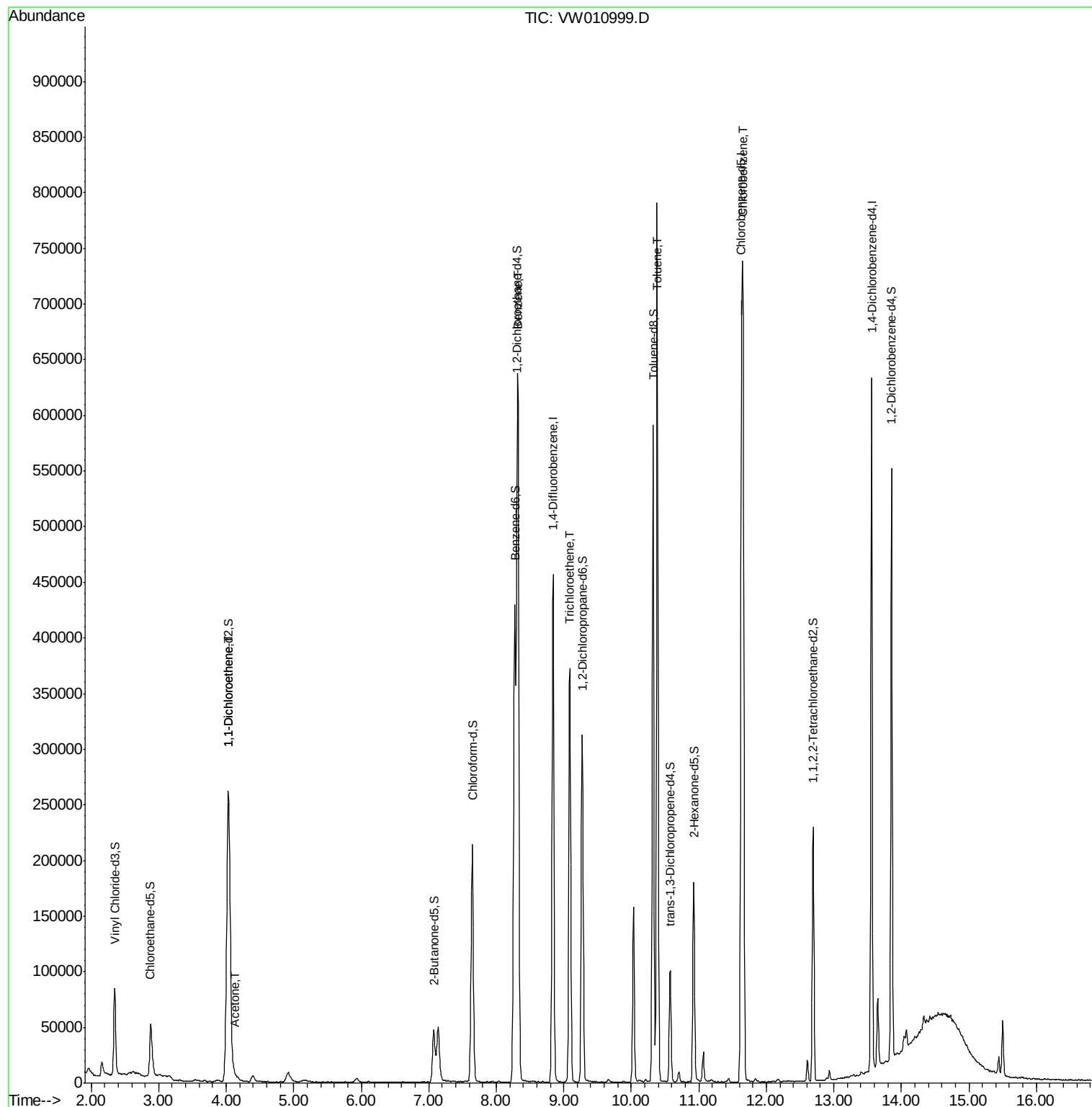
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	110752	22.773	ug/L	100
13) Acetone	4.13	43	6860	3.387	ug/L	90
34) Benzene	8.32	78	522028	25.183	ug/L	100
35) Trichloroethene	9.09	95	128395	24.424	ug/L	99
44) Toluene	10.38	91	546097	25.194	ug/L	100
52) Chlorobenzene	11.66	112	329460	25.258	ug/L	99

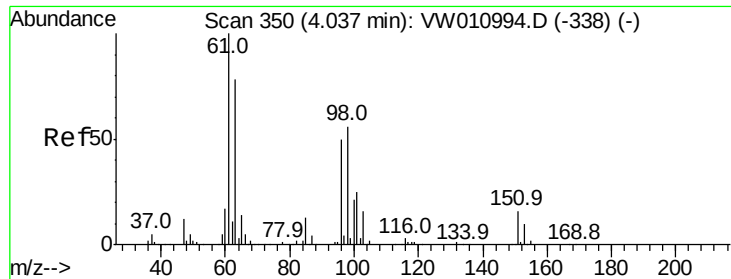
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 22.773 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW010999.D

Acq: 26 Jun 2019 12:50

Instrument :

MSVOA_W

ClientSampled :

YANZ3MSD

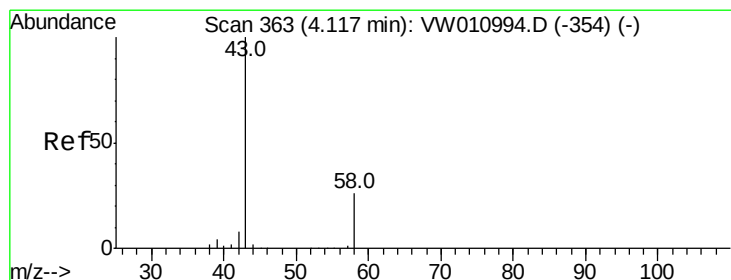
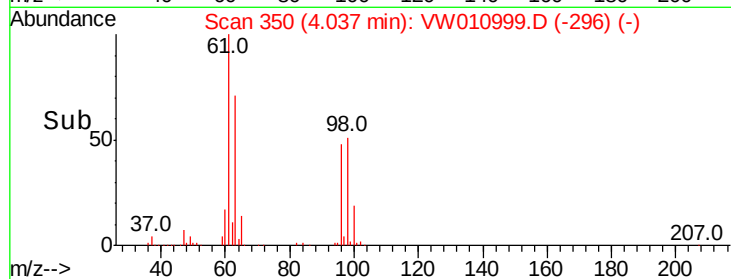
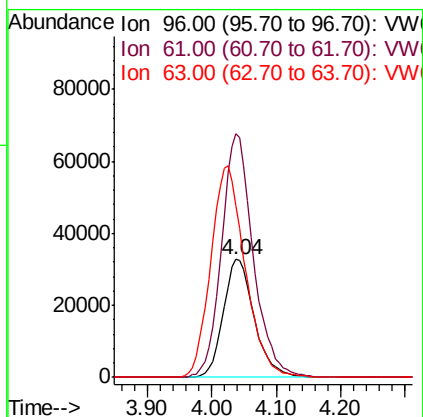
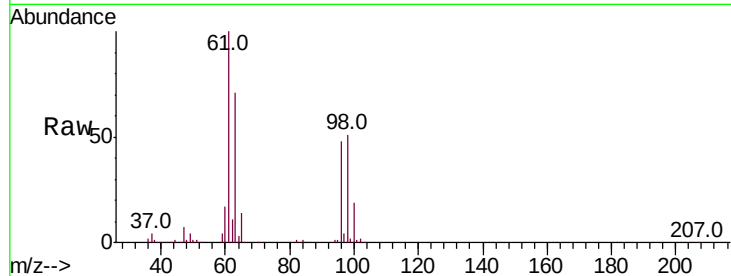
Tot Ion: 96 Resp: 110752

Ion Ratio Lower Upper

96 100

61 206.4 144.5 268.3

63 146.2 102.3 189.9



#13

Acetone

Concen: 3.387 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010999.D

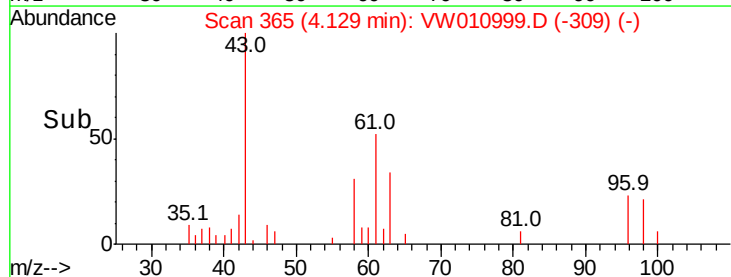
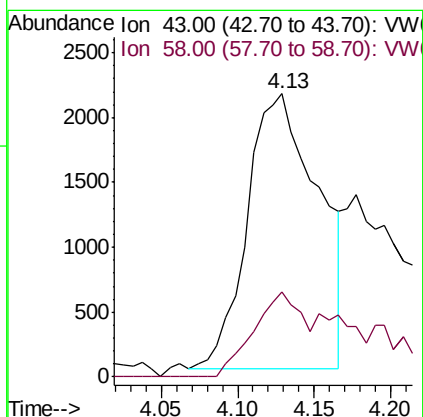
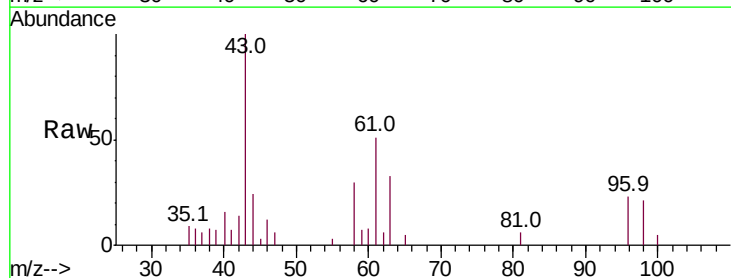
Acq: 26 Jun 2019 12:50

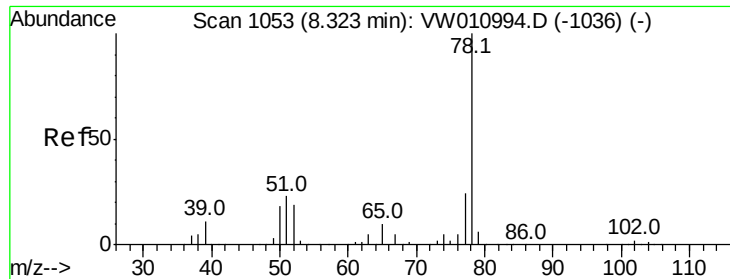
Tgt Ion: 43 Resp: 6860

Ion Ratio Lower Upper

43 100

58 21.5 0.0 53.2





#34

Benzene

Concen: 25.183 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW010999.D

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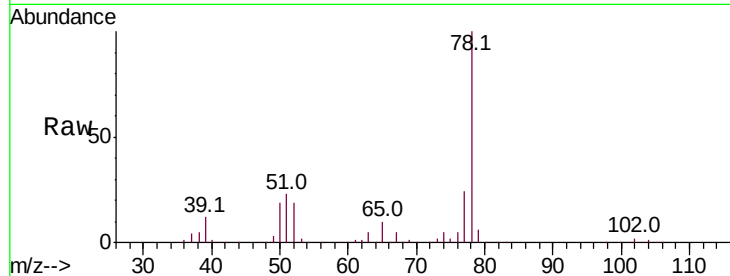
Instrument :

MSVOA_W

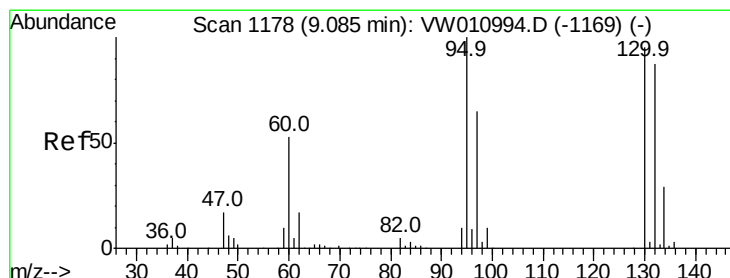
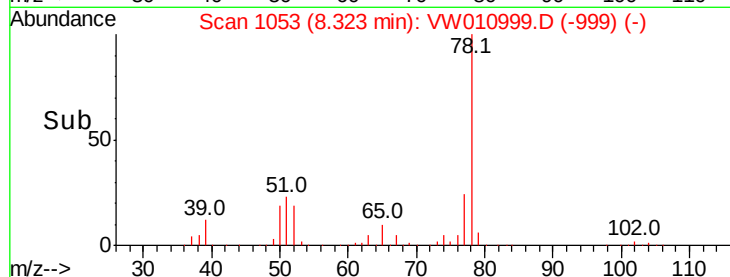
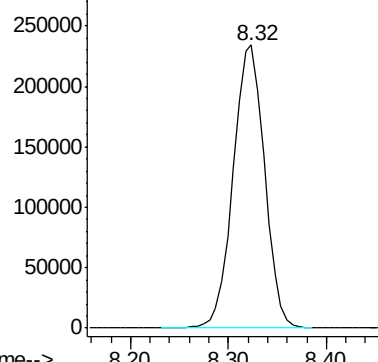
ClientSampleId :

YANZ3MSD

Tgt Ion: 78 Resp: 522028



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.424 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW010999.D

Acq: 26 Jun 2019 12:50

Tgt Ion: 95 Resp: 128395

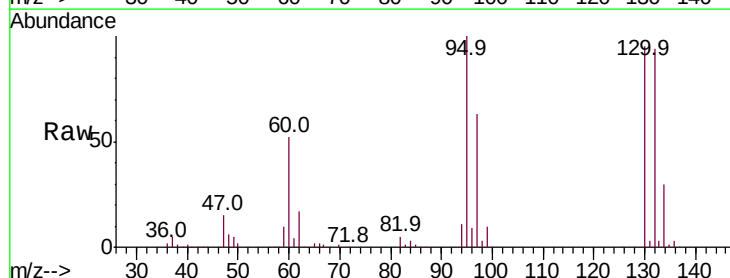
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.9	83.3
132	92.5	64.0	119.0
130	96.8	67.4	125.2

95 100

97 64.5 44.9 83.3

132 92.5 64.0 119.0

130 96.8 67.4 125.2

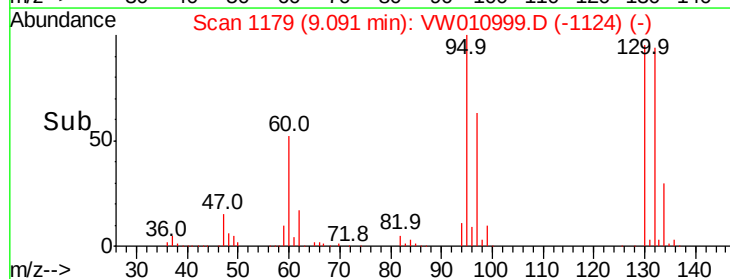
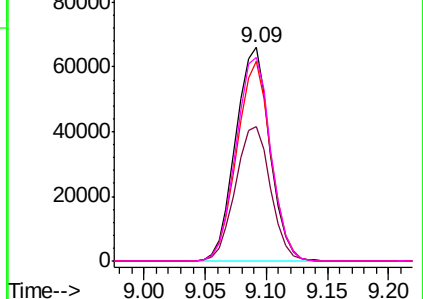


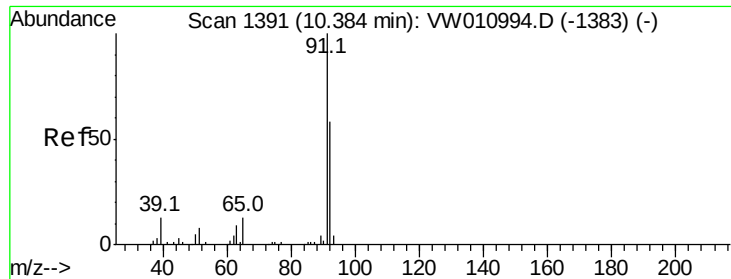
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 25.194 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW010999.D

Acq: 26 Jun 2019 12:50

Instrument :

MSVOA_W

ClientSampleId :

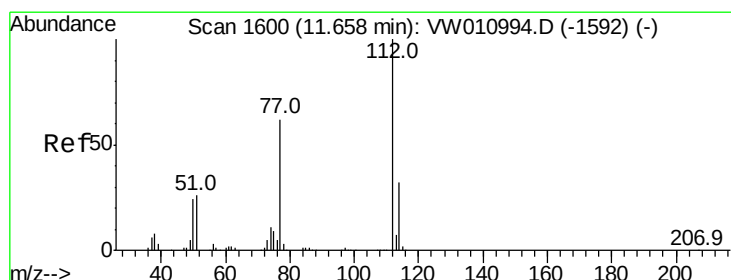
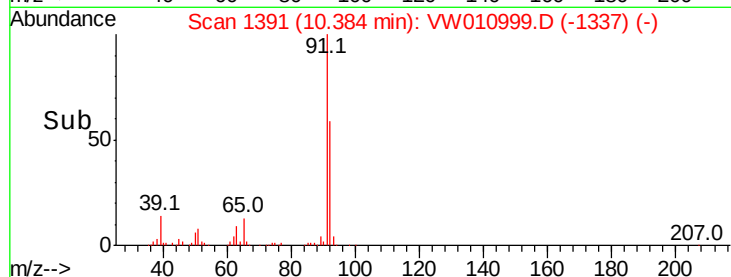
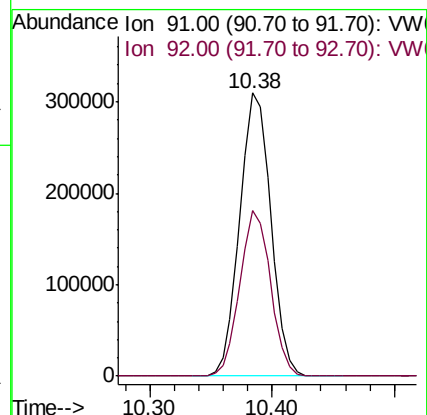
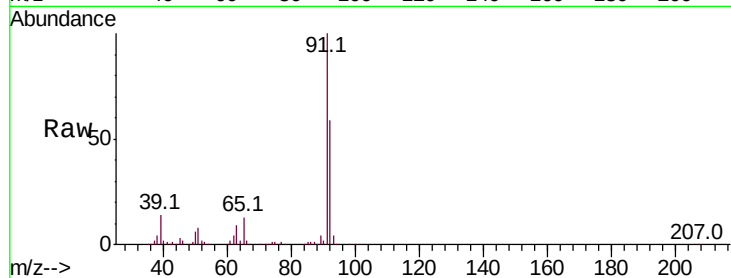
YANZ3MSD

Tot Ion: 91 Resp: 546097

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.4



#52

Chlorobenzene

Concen: 25.258 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010999.D

Acq: 26 Jun 2019 12:50

Tgt Ion: 112 Resp: 329460

Ion Ratio Lower Upper

112 100

77 63.0 51.1 76.7

114 31.3 22.7 42.1

