

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
 Data File : VW010975.D
 Acq On : 25 Jun 2019 19:00
 Operator : SY/VA
 Sample : K3460-22MSD
 Misc : 4.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANZ2MSD

Quant Time: Jun 26 05:06:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:33:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	128838	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	126673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	60024	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	30697	18.38	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.88	69	25007	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
10) 1,1-Dichloroethene-d2	4.01	63	81209	20.58	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.32%
20) 2-Butanone-d5	7.07	46	53649	68.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.82%#
24) Chloroform-d	7.65	84	86310	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.30	65	65277	30.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.24%
29) Benzene-d6	8.27	84	170872	22.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.88%
33) 1,2-Dichloropropane-d6	9.27	67	63175	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.56%
37) Toluene-d8	10.32	98	149907	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.40%
38) trans-1,3-Dichloropropene-	10.58	79	25245	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.80%
39) 2-Hexanone-d5	10.93	63	35206	62.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	61954	29.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	59973	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

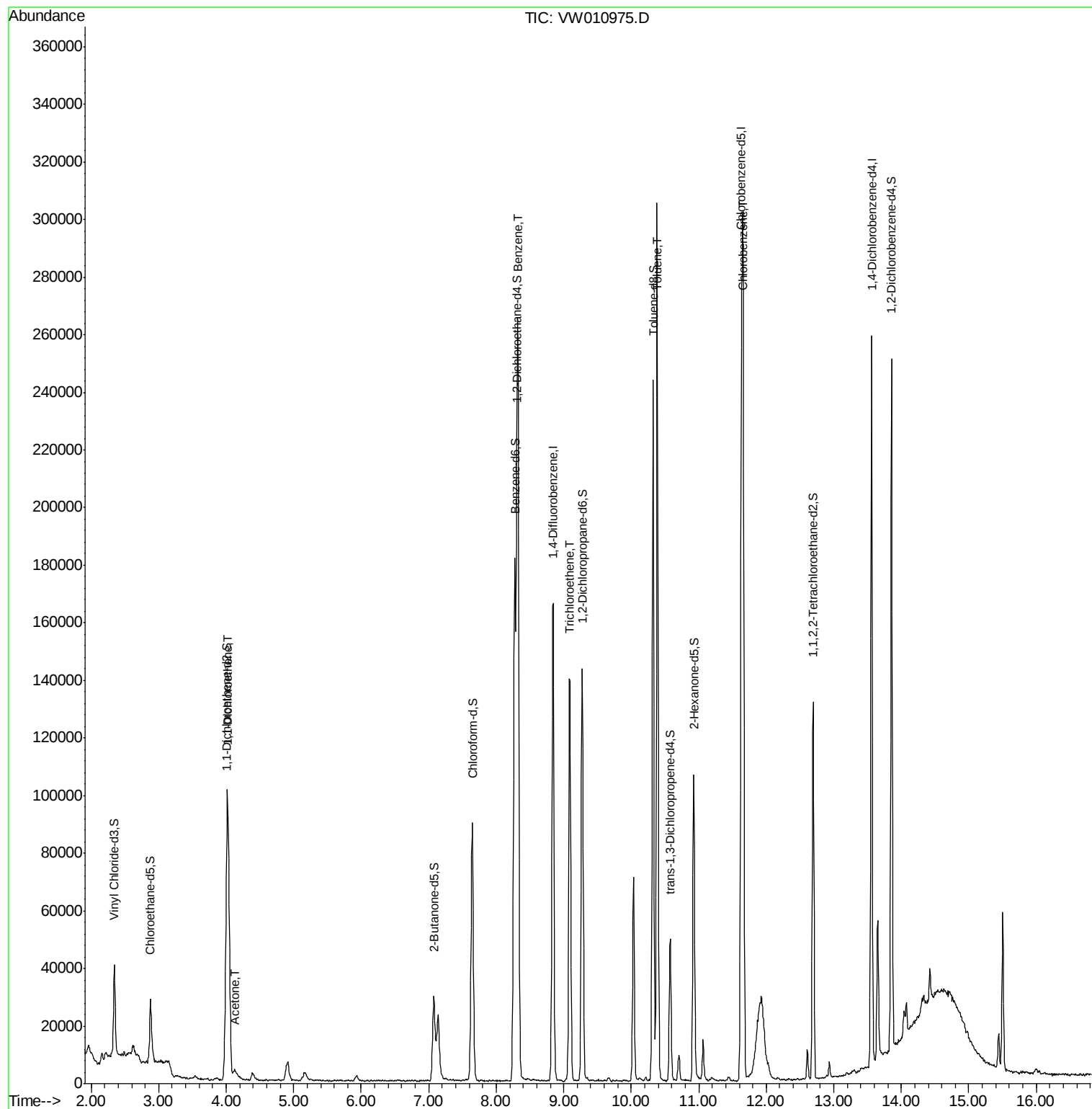
					Ovalue
12) 1,1-Dichloroethene	4.03	96	36653	20.324 ug/L	95
13) Acetone	4.12	43	6564	8.740 ug/L	81
34) Benzene	8.32	78	204018	24.509 ug/L	100
35) Trichloroethene	9.09	95	48675	23.058 ug/L	99
44) Toluene	10.38	91	209850	24.109 ug/L	99
52) Chlorobenzene	11.66	112	133801	25.545 ug/L	99

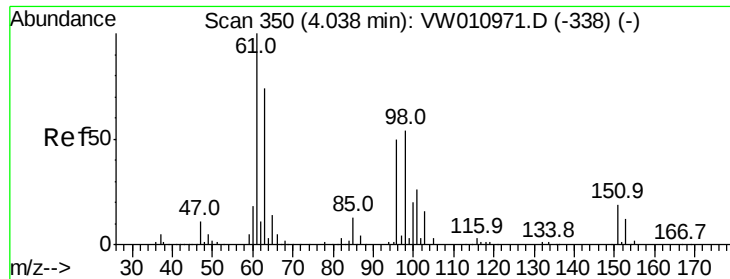
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062519\
Data File : VW010975.D
Acq On : 25 Jun 2019 19:00
Operator : SY/VA
Sample : K3460-22MSD
Misc : 4.66G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANZ2MSD

Quant Time: Jun 26 05:06:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:33:18 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.324 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW010975.D

Acq: 25 Jun 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

YANZ2MSD

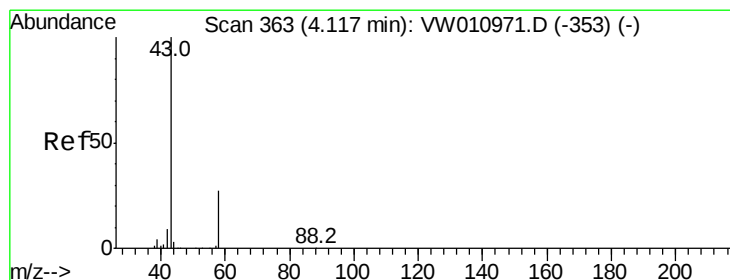
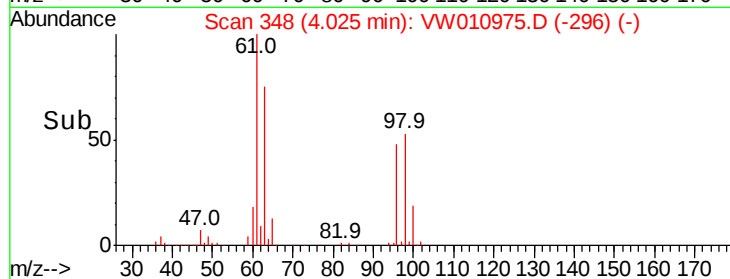
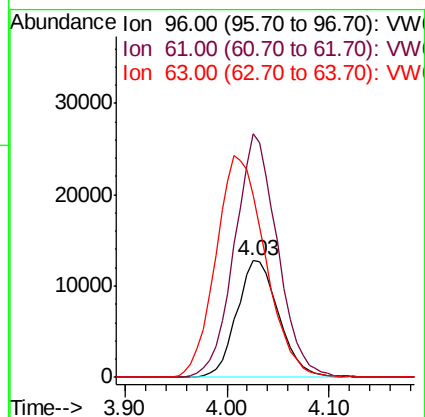
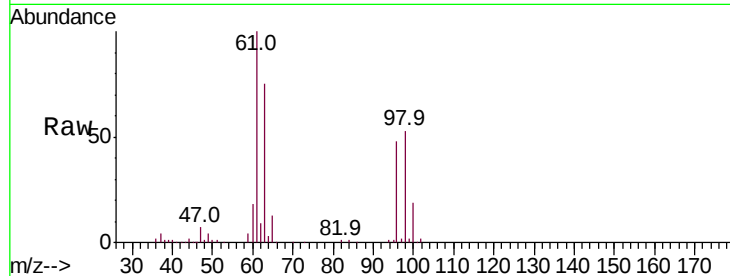
Tot Ion: 96 Resp: 36653

Ion Ratio Lower Upper

96 100

61 209.3 144.5 268.3

63 156.6 102.3 189.9



#13

Acetone

Concen: 8.740 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010975.D

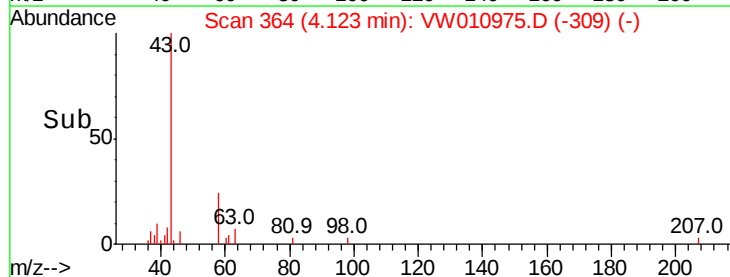
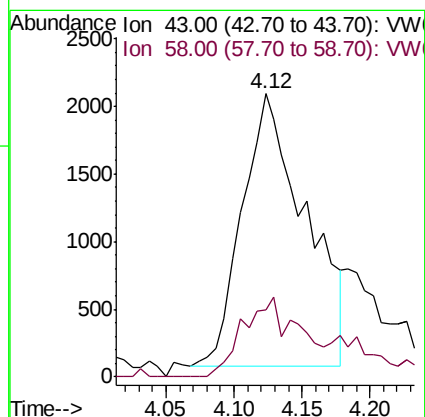
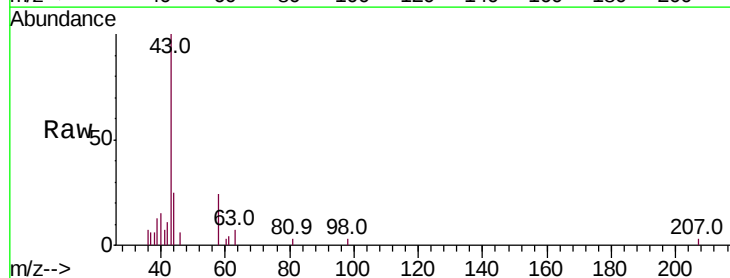
Acq: 25 Jun 2019 19:00

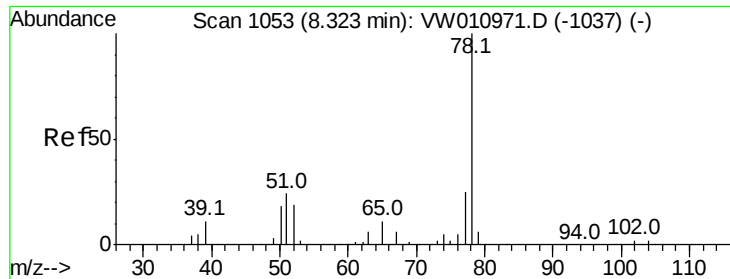
Tgt Ion: 43 Resp: 6564

Ion Ratio Lower Upper

43 100

58 16.8 0.0 53.2





#34

Benzene

Concen: 24.509 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW010975.D

Acq: 25 Jun 2019 19:00

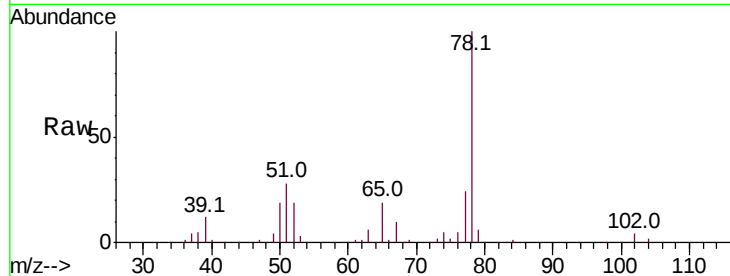
Instrument :

MSVOA_W

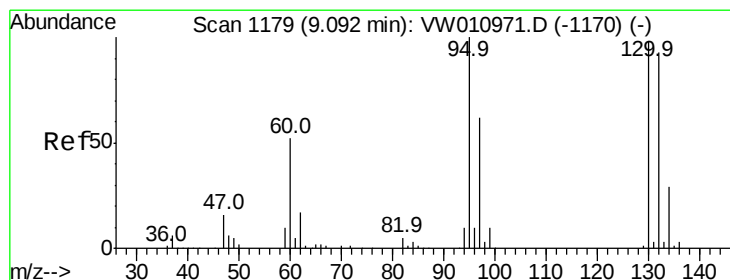
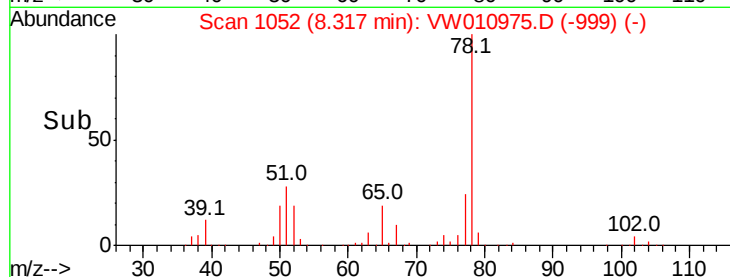
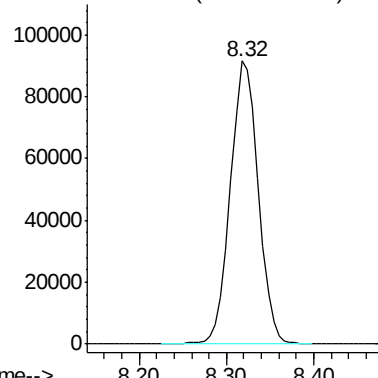
ClientSampleId :

YANZ2MSD

Tgt Ion: 78 Resp: 204018



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.058 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW010975.D

Acq: 25 Jun 2019 19:00

Tgt Ion: 95 Resp: 48675

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.9	83.3
132	91.5	64.0	119.0
130	94.4	67.4	125.2

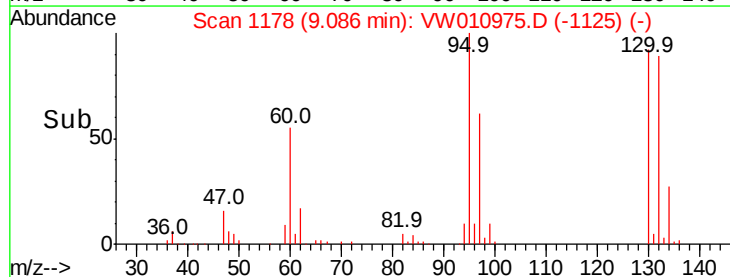
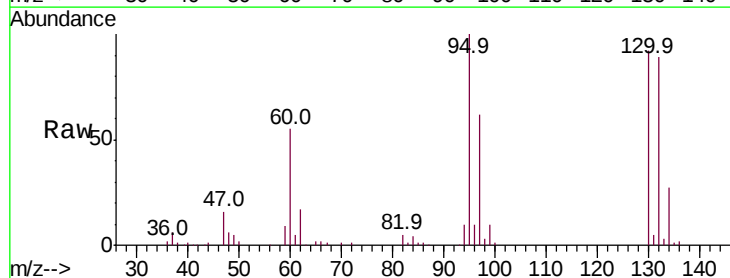
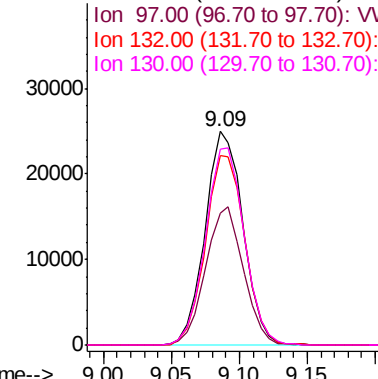
Ion 95.00 (94.70 to 95.70): VW

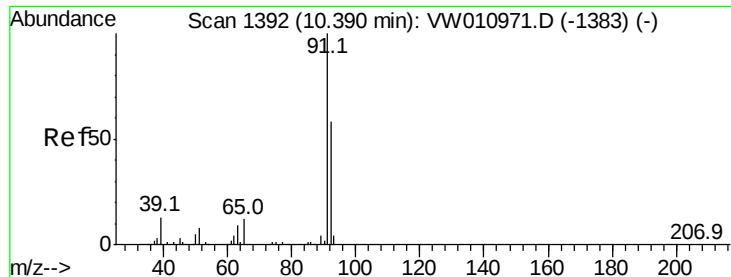
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Abundance Ion 95.00 (94.70 to 95.70): VW





#44

Toluene

Concen: 24.109 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW010975.D

Acq: 25 Jun 2019 19:00

Instrument :

MSVOA_W

ClientSampleId :

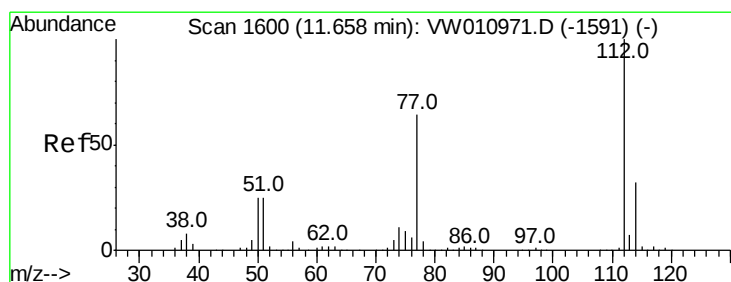
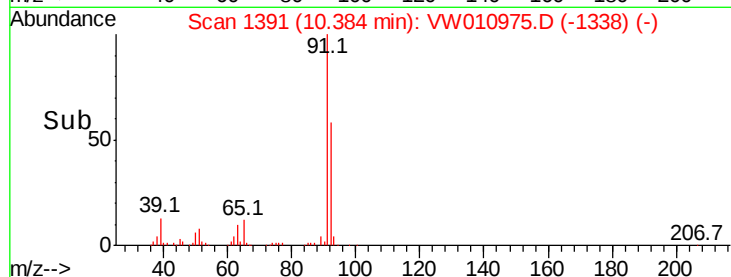
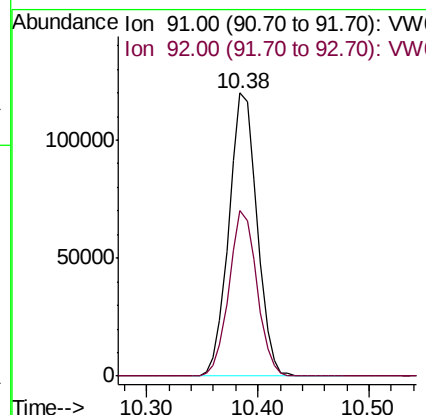
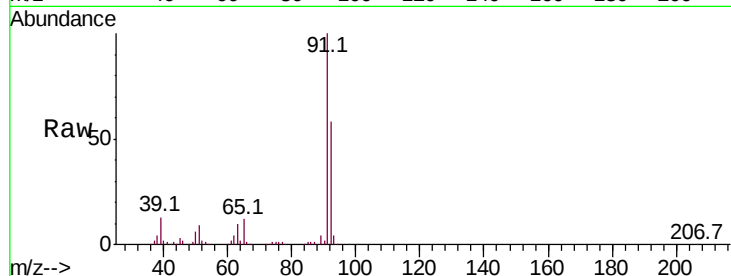
YANZ2MSD

Tot Ion: 91 Resp: 209850

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.4



#52

Chlorobenzene

Concen: 25.545 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW010975.D

Acq: 25 Jun 2019 19:00

Tgt Ion: 112 Resp: 133801

Ion Ratio Lower Upper

112 100

77 64.5 51.1 76.7

114 32.2 22.7 42.1

