

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017124.D
 Acq On : 09 Nov 2020 18:39
 Operator : SY/VA
 Sample : L4673-06MSD
 Misc : 6.37G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0S5MSD

Quant Time: Nov 10 08:42:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 07:51:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	497477	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	466760	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230067	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136011	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.84%
7) Chloroethane-d5	2.89	69	111994	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.03	63	257466	22.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.88%
20) 2-Butanone-d5	7.09	46	61427	43.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.68%
24) Chloroform-d	7.65	84	271433	23.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	8.31	65	142216	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.52%
29) Benzene-d6	8.28	84	547004	23.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.04%
33) 1,2-Dichloropropane-d6	9.27	67	153204	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	10.33	98	509777	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.00%
38) trans-1,3-Dichloropropene-	10.58	79	67320	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	10.93	63	52915	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133906	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	185446	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

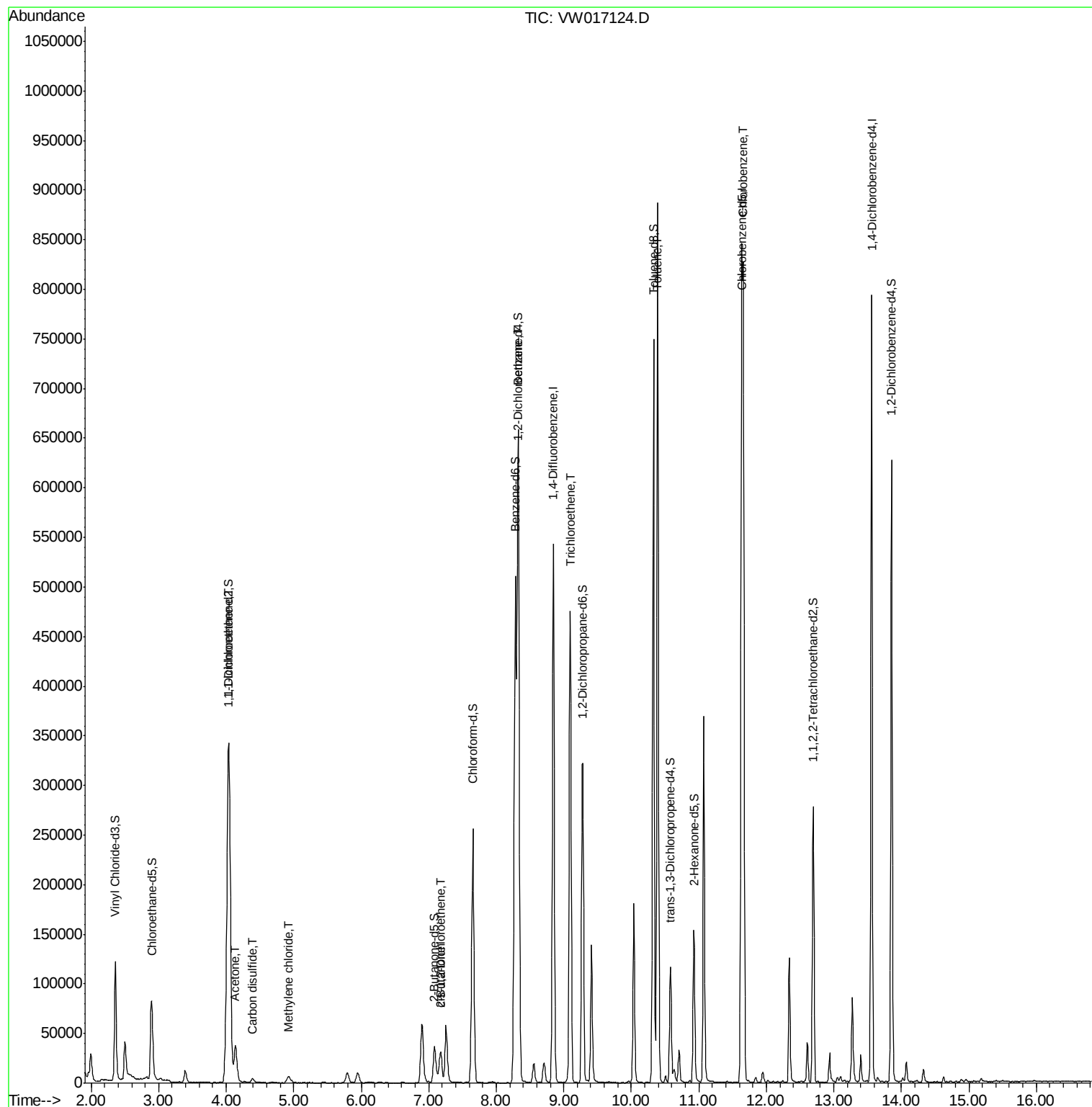
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	143771	23.285	ug/L	96
13) Acetone	4.14	43	65831	70.165	ug/L	99
14) Carbon disulfide	4.38	76	9687	0.576	ug/L	97
16) Methylene chloride	4.92	84	5577	0.832	ug/L	96
21) 2-Butanone	7.18	43	14712	9.766	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	12988	1.922	ug/L	99
34) Benzene	8.33	78	598457	24.417	ug/L	100
35) Trichloroethene	9.10	95	164044	23.893	ug/L	99
44) Toluene	10.39	91	664568	24.634	ug/L	99
52) Chlorobenzene	11.66	112	439274	24.074	ug/L	97

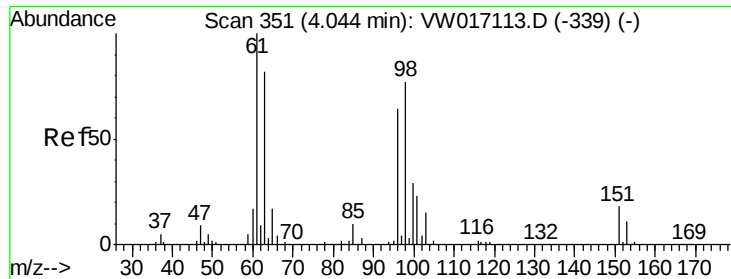
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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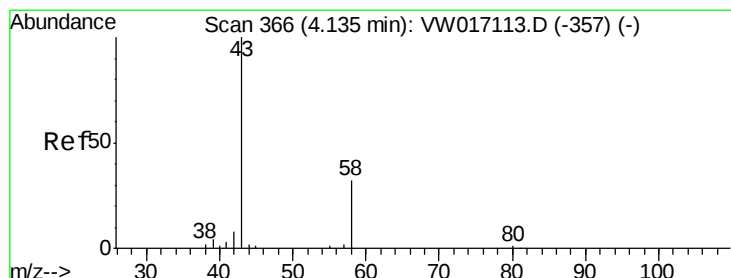
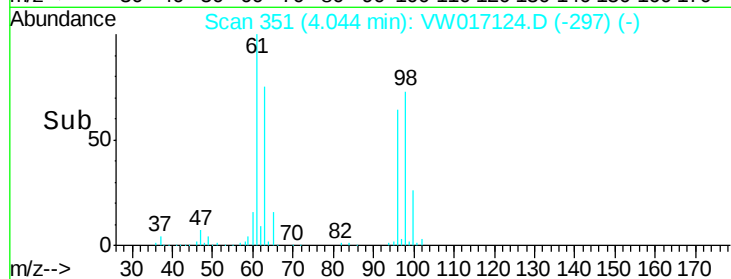
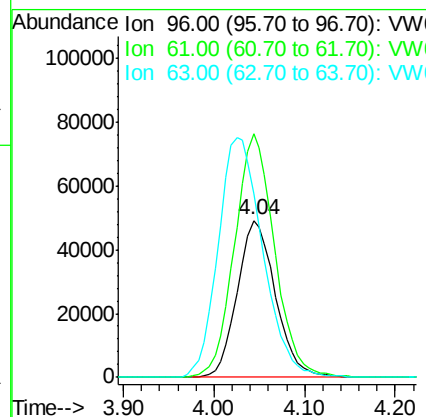
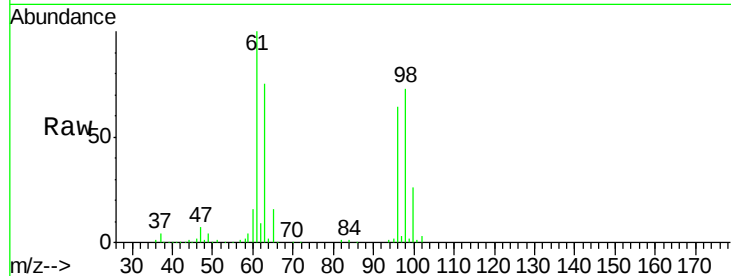




#12
 1,1-Dichloroethene
 Concen: 23.285 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW017124.D
 Acq: 09 Nov 2020 18:39

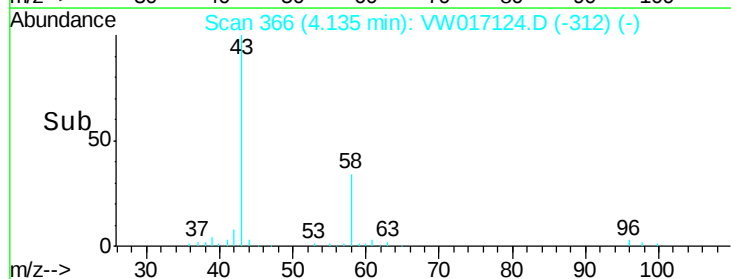
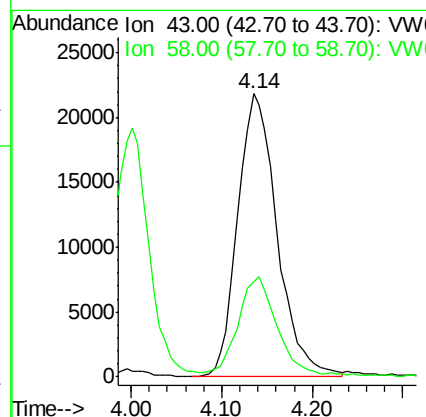
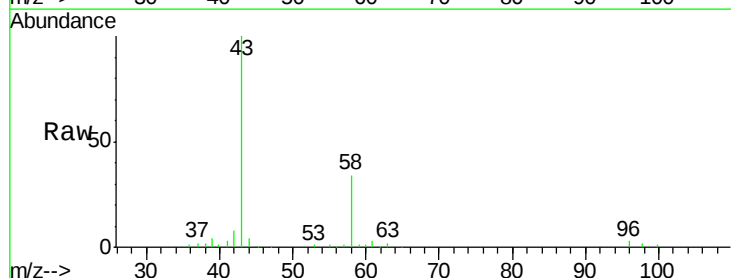
Instrument :
 MSVOA_W
 ClientSampled :
 GB0S5MSD

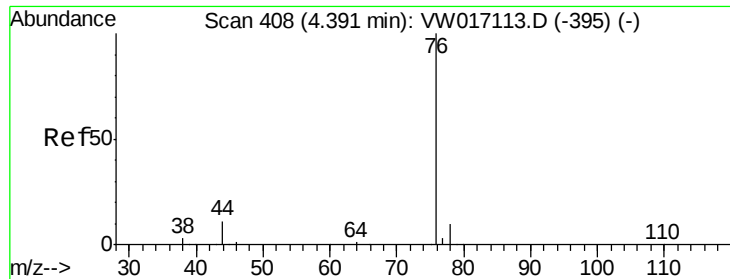
Tot Ion	Resp	Lower	Upper
96	143771		
Ion Ratio			
96	100		
61	155.5	103.8	192.8
63	117.2	84.4	156.7



#13
 Acetone
 Concen: 70.165 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VW017124.D
 Acq: 09 Nov 2020 18:39

Tgt Ion	Resp	Lower	Upper
43	65831		
Ion Ratio			
43	100		
58	35.3	0.0	69.2





#14

Carbon disulfide

Concen: 0.576 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

Instrument :

MSVOA_W

ClientSampleId :

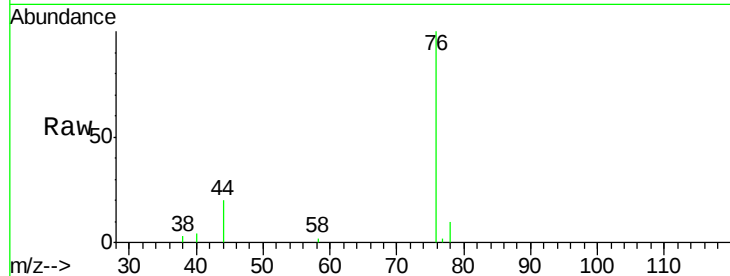
GB0S5MSD

Tot Ion: 76 Resp: 9687

Ion Ratio Lower Upper

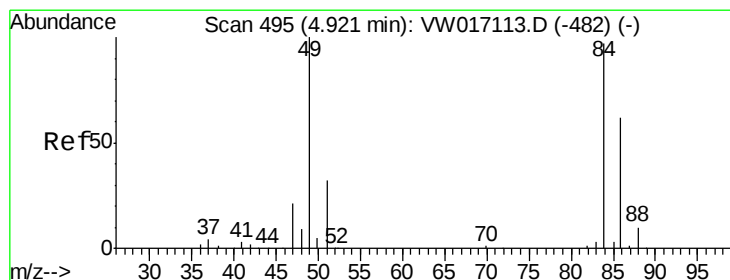
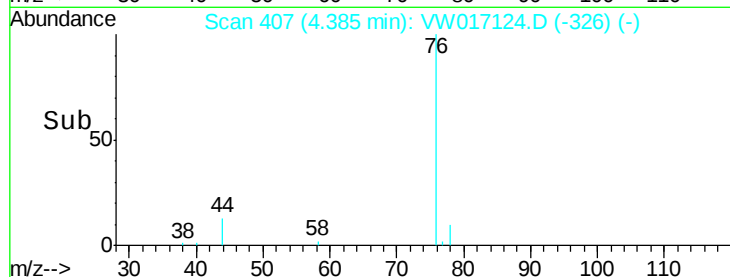
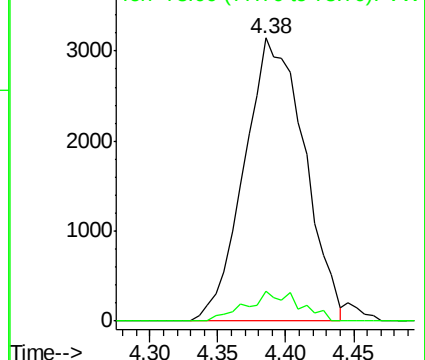
76 100

78 10.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 0.832 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

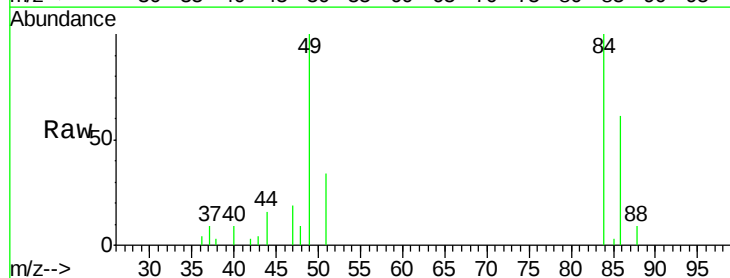
Tgt Ion: 84 Resp: 5577

Ion Ratio Lower Upper

84 100

49 99.8 72.3 134.3

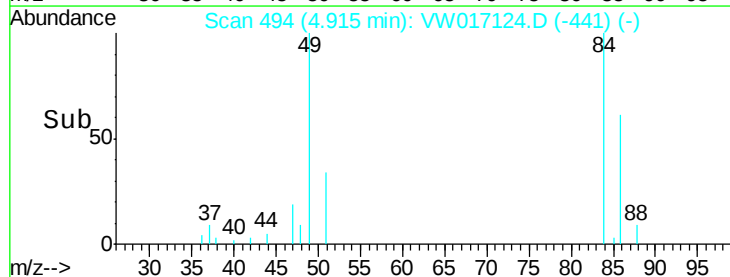
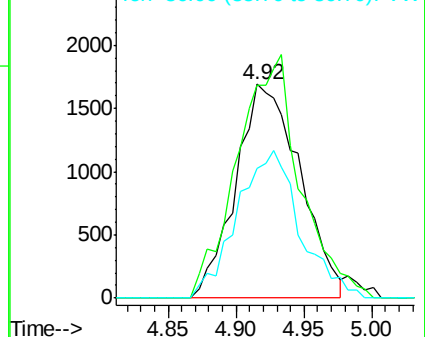
86 60.8 45.1 83.7

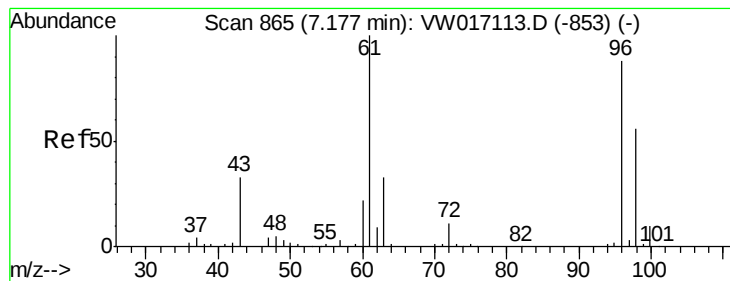


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 9.766 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

Instrument :

MSVOA_W

ClientSampleId :

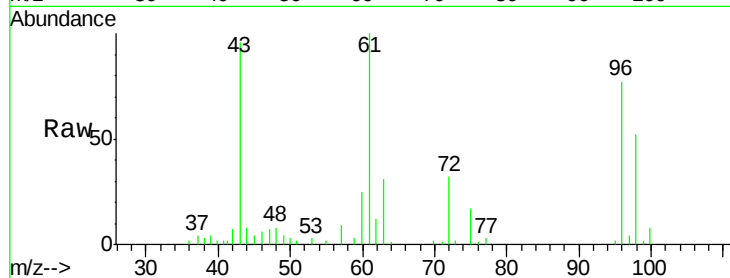
GB0S5MSD

Tot Ion: 43 Resp: 14712

Ion Ratio Lower Upper

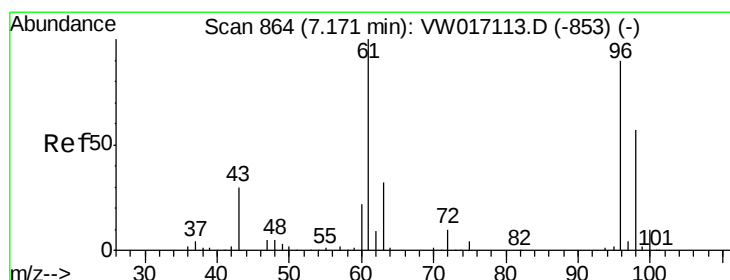
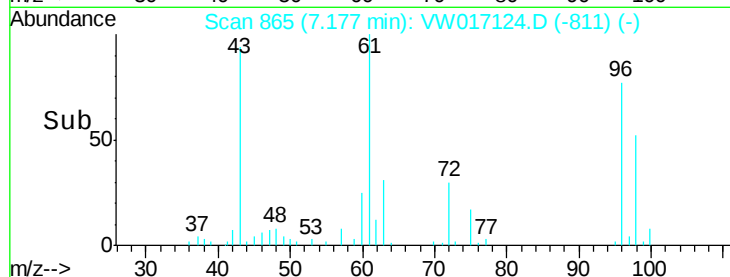
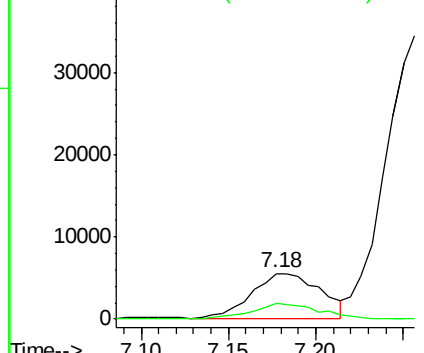
43 100

72 35.7 16.1 48.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#22

cis-1,2-Dichloroethene

Concen: 1.922 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

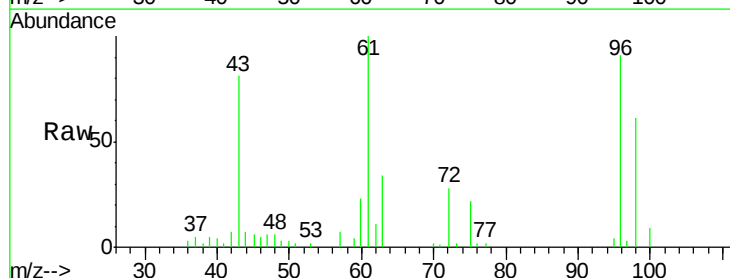
Tgt Ion: 96 Resp: 12988

Ion Ratio Lower Upper

96 100

61 110.3 77.4 143.8

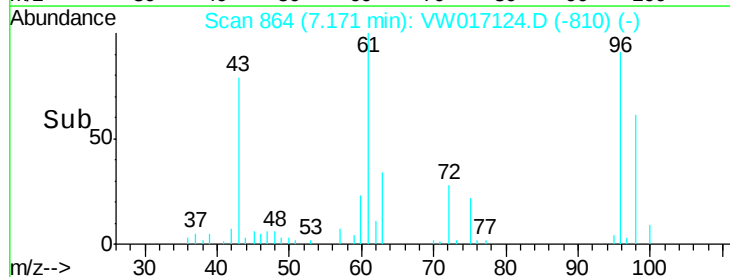
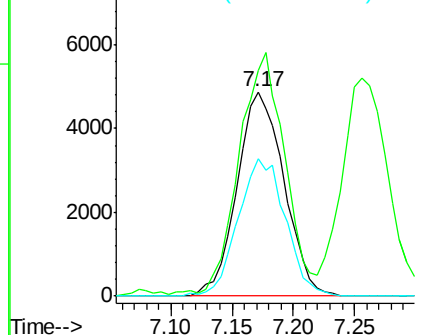
98 66.9 45.1 83.7

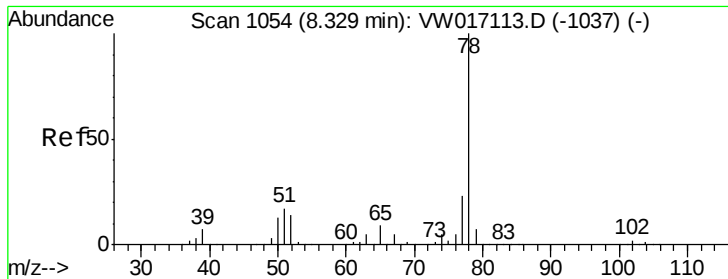


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#34

Benzene

Concen: 24.417 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

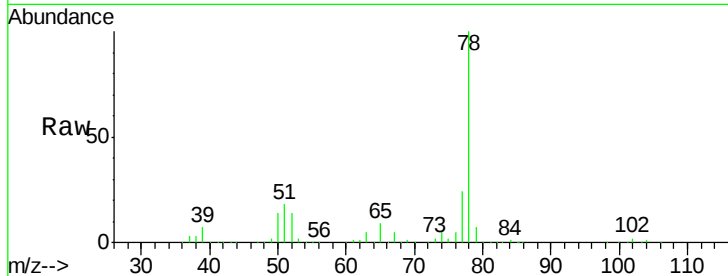
Instrument :

MSVOA_W

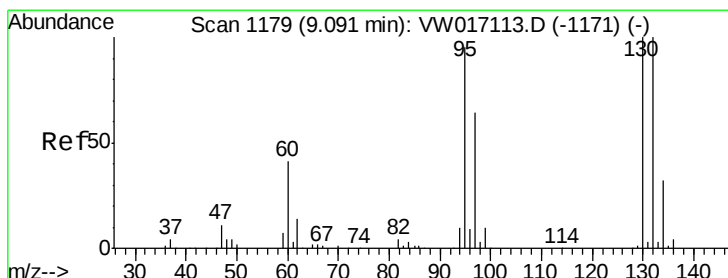
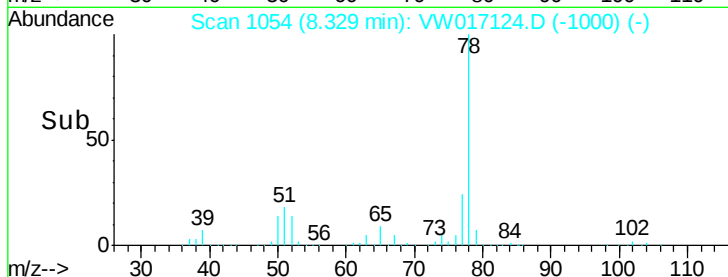
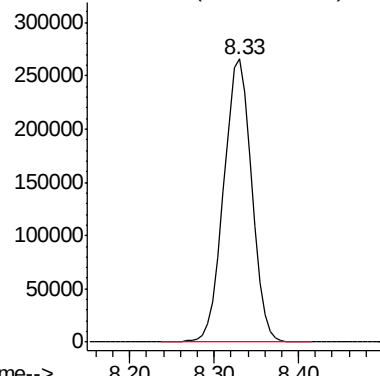
ClientSampleId :

GB0S5MSD

Tgt Ion: 78 Resp: 598457



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.893 ug/L

RT: 9.10 min Scan# 1180

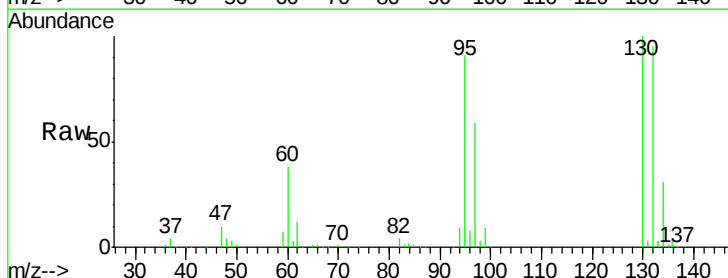
Delta R.T. 0.01 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

Tgt Ion: 95 Resp: 164044

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.0	83.6
132	104.3	73.7	136.9
130	107.9	77.1	143.1

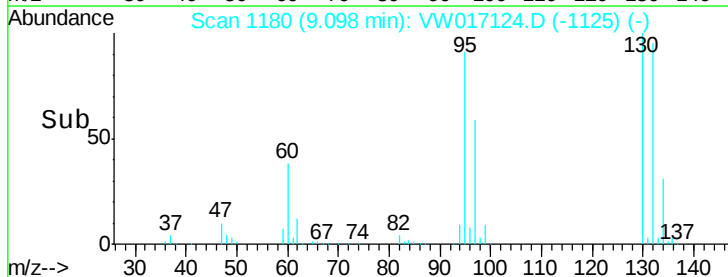
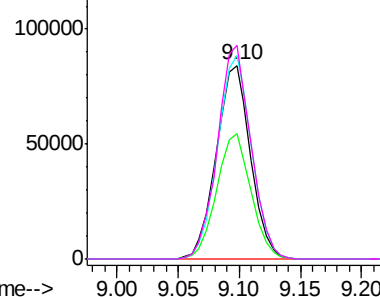


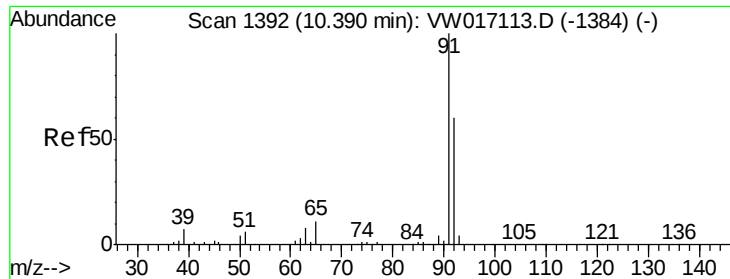
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.634 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

Instrument :

MSVOA_W

ClientSampleId :

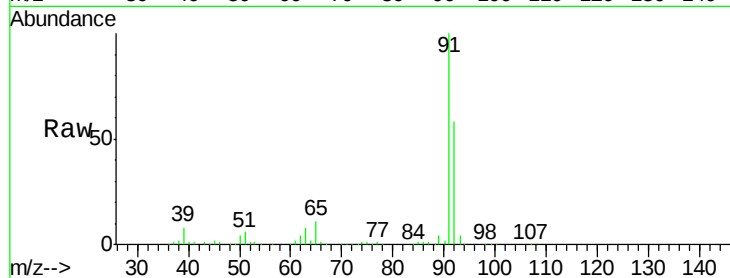
GB0S5MSD

Tot Ion: 91 Resp: 664568

Ion Ratio Lower Upper

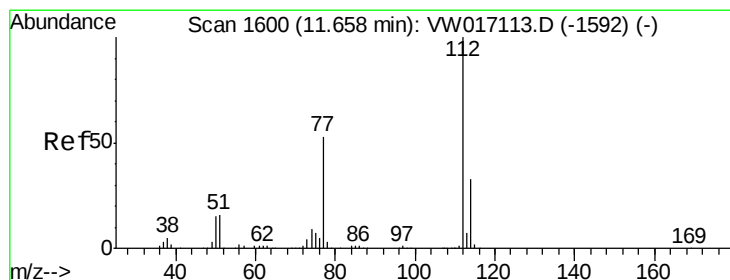
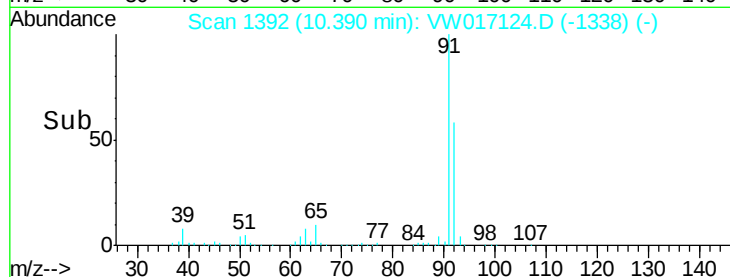
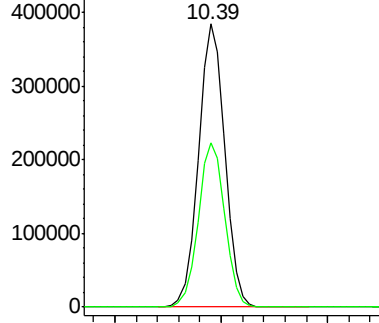
91 100

92 58.3 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#52

Chlorobenzene

Concen: 24.074 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW017124.D

Acq: 09 Nov 2020 18:39

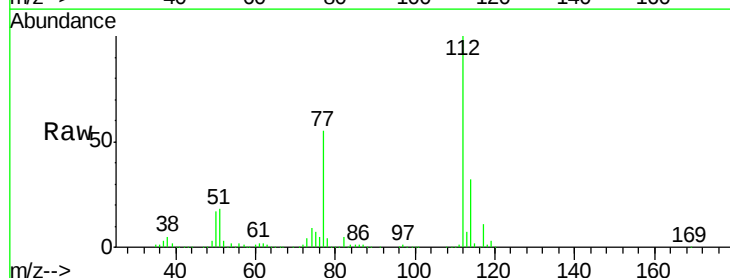
Tgt Ion: 112 Resp: 439274

Ion Ratio Lower Upper

112 100

77 55.4 41.7 62.5

114 31.9 22.3 41.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

