

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017293.D
 Acq On : 17 Nov 2020 17:55
 Operator : SY/VA
 Sample : L4738-02MS
 Misc : 6.20G/10ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MS

Quant Time: Nov 18 04:40:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360595	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	89134	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.48%
7) Chloroethane-d5	2.90	69	78436	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.64%
10) 1,1-Dichloroethene-d2	4.03	63	183628	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.40%
20) 2-Butanone-d5	7.08	46	53121	52.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.60%
24) Chloroform-d	7.65	84	210465	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.31	65	116189	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.04%
29) Benzene-d6	8.27	84	396036	23.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.36%
33) 1,2-Dichloropropane-d6	9.27	67	117206	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.80%
37) Toluene-d8	10.32	98	372484	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.12%
38) trans-1,3-Dichloropropene-	10.58	79	50903	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.20%
39) 2-Hexanone-d5	10.93	63	45419	54.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111898	27.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	142920	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

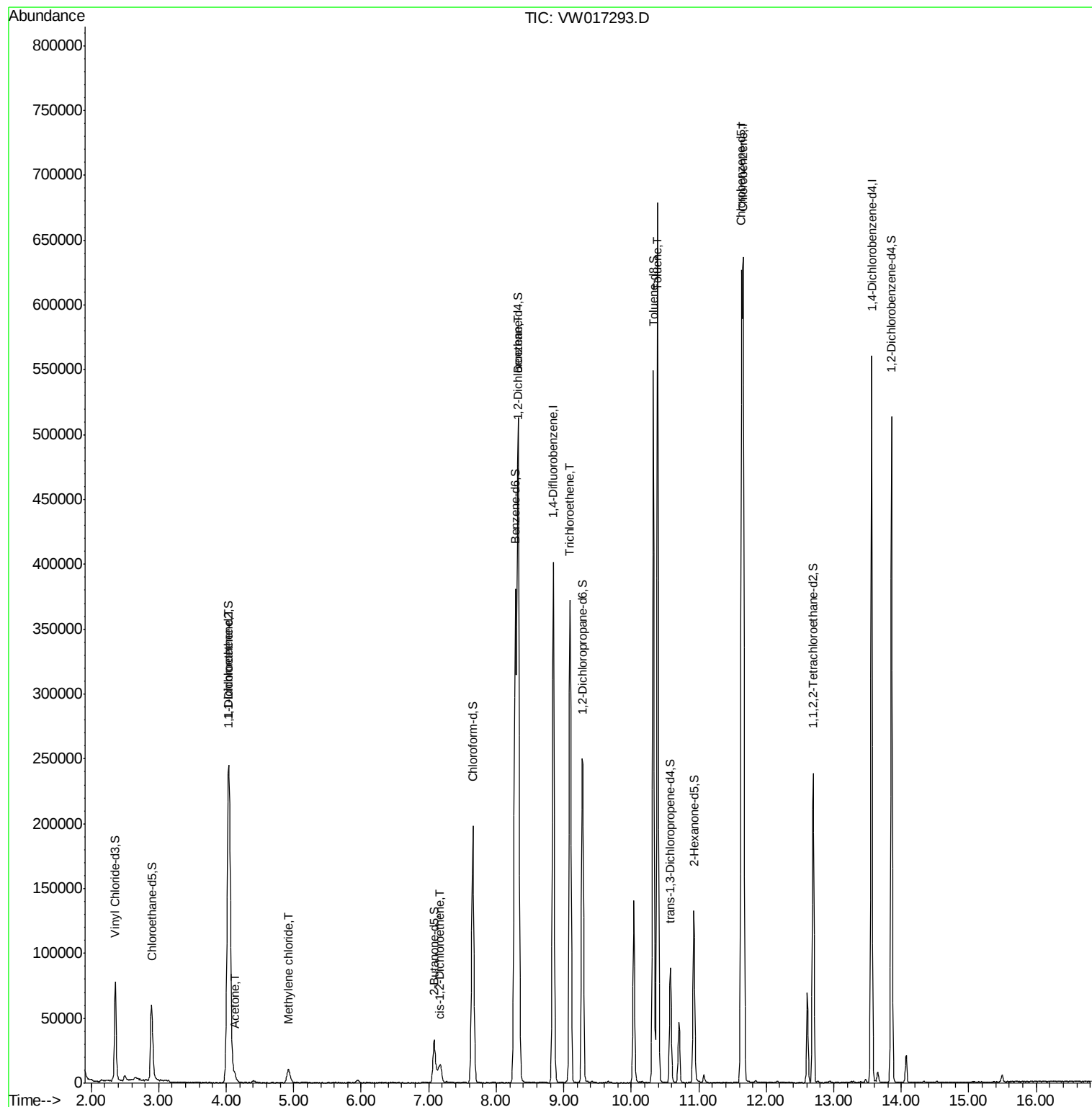
					Ovalue
12) 1,1-Dichloroethene	4.04	96	108823	24.315 ug/L	96
13) Acetone	4.14	43	8114	11.931 ug/L	84
16) Methylene chloride	4.92	84	9599	1.974 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	7266	1.483 ug/L	98
34) Benzene	8.32	78	455076	25.731 ug/L	100
35) Trichloroethene	9.09	95	129746	26.188 ug/L	99
44) Toluene	10.39	91	507743	26.081 ug/L	100
52) Chlorobenzene	11.66	112	334336	25.392 ug/L	99

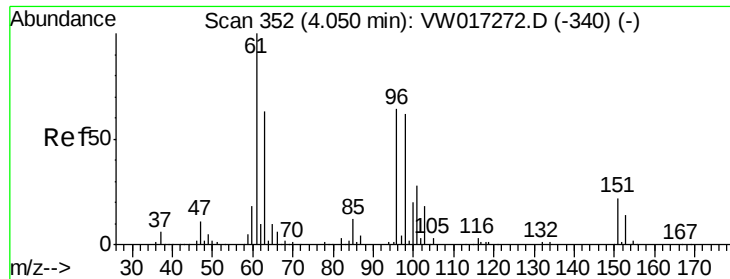
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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ALS Vial : 24 Sample Multiplier: 1

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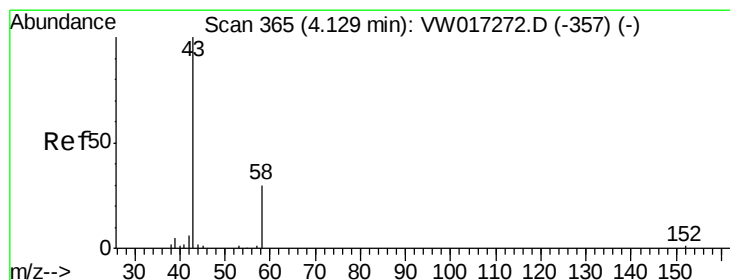
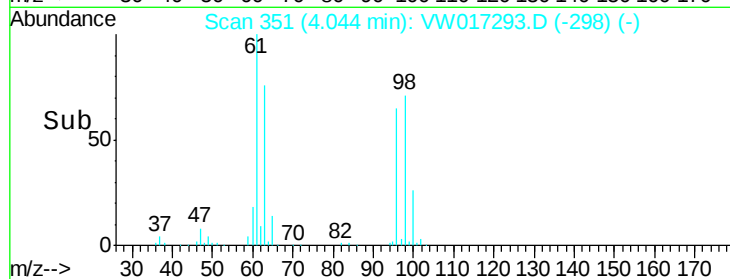
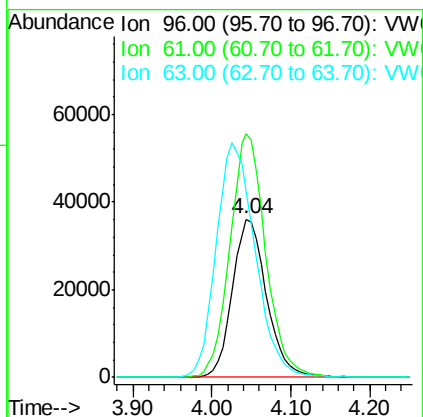
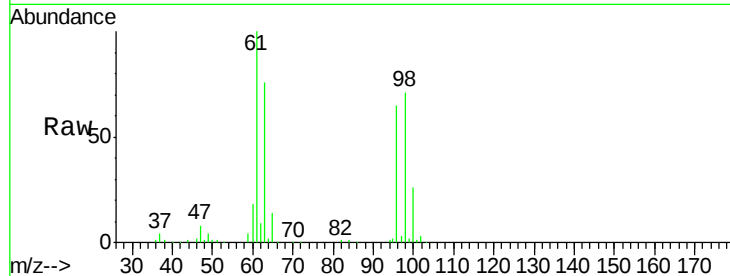




#12
 1,1-Dichloroethene
 Concen: 24.315 ug/L
 RT: 4.04 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VW017293.D
 Acq: 17 Nov 2020 17:55

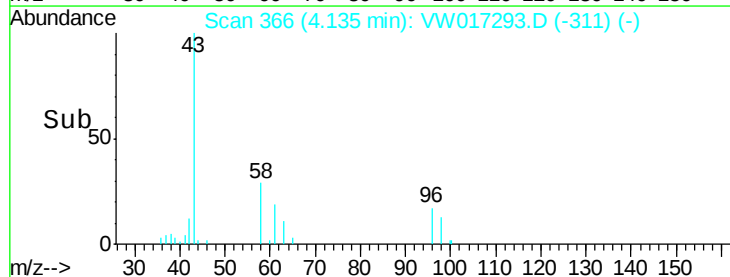
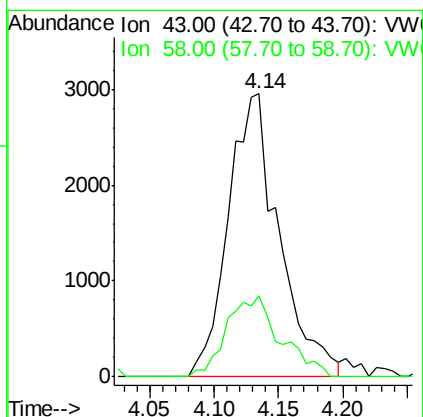
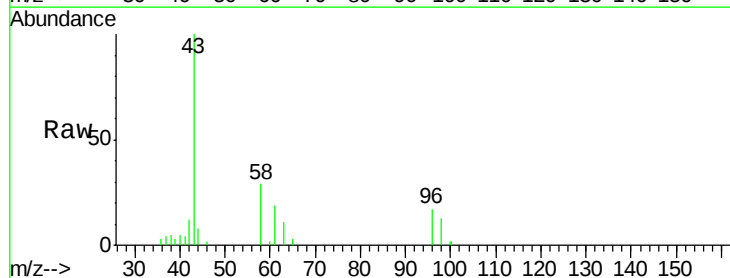
Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X0MS

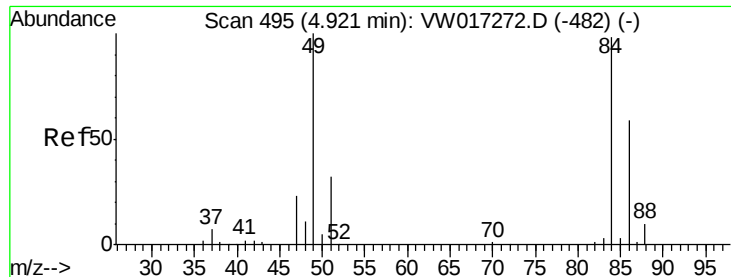
Tot Ion	96	Resp	108823
Ion Ratio	Lower	Upper	
96	100		
61	154.2	103.8	192.8
63	118.0	84.4	156.7



#13
 Acetone
 Concen: 11.931 ug/L
 RT: 4.14 min Scan# 366
 Delta R.T. 0.01 min
 Lab File: VW017293.D
 Acq: 17 Nov 2020 17:55

Tgt Ion	43	Resp	8114
Ion Ratio	Lower	Upper	
43	100		
58	25.5	0.0	69.2

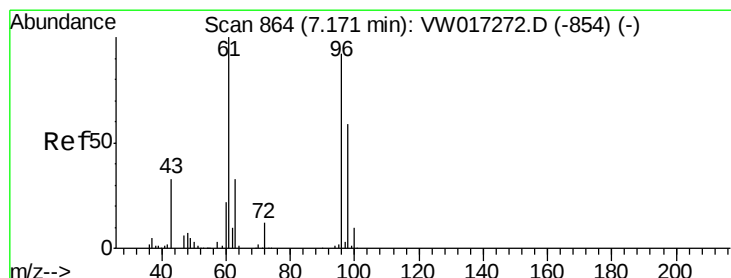
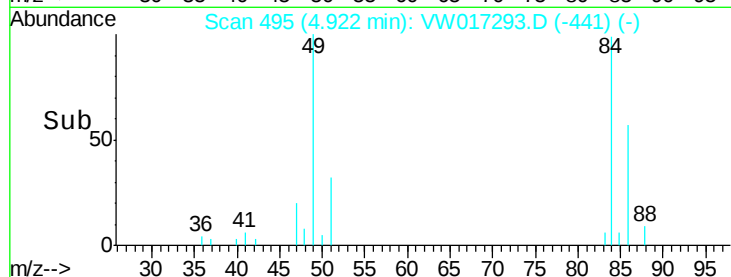
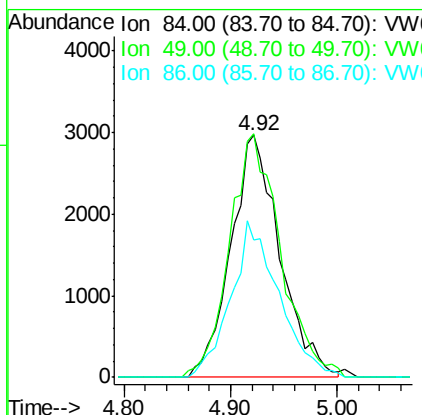
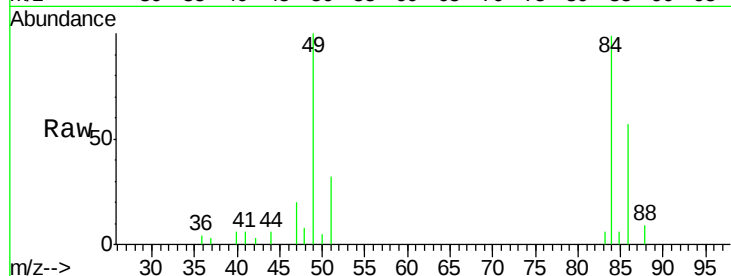




#16
Methylene chloride
Concen: 1.974 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017293.D
Acq: 17 Nov 2020 17:55

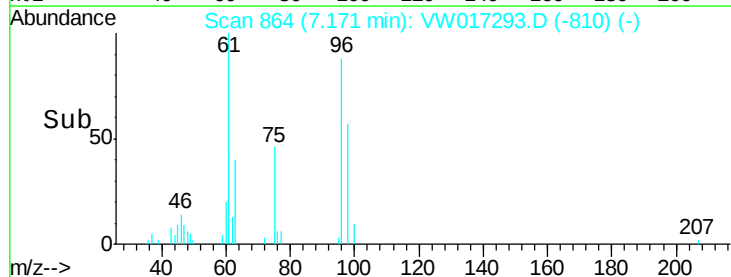
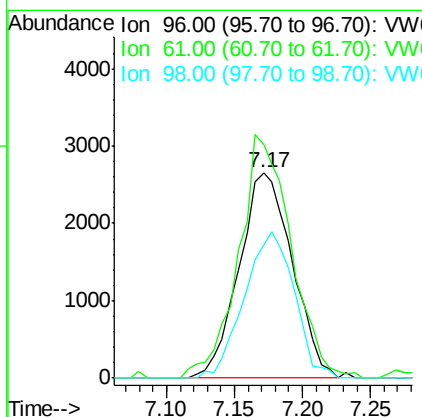
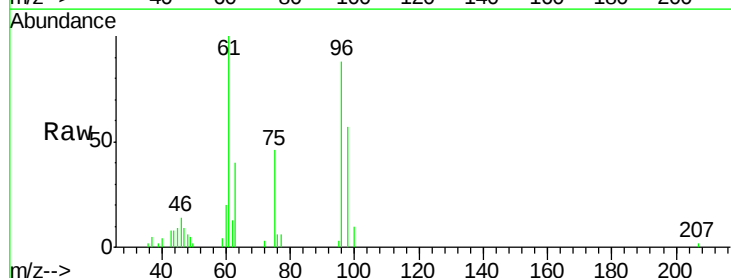
Instrument :
MSVOA_W
ClientSampleId :
GB0X0MS

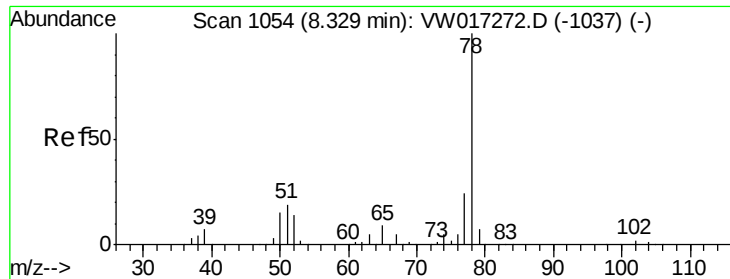
Tot Ion: 84 Resp: 9599
Ion Ratio Lower Upper
84 100
49 100.6 72.3 134.3
86 56.9 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 1.483 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW017293.D
Acq: 17 Nov 2020 17:55

Tgt Ion: 96 Resp: 7266
Ion Ratio Lower Upper
96 100
61 113.5 77.4 143.8
98 64.9 45.1 83.7





#34

Benzene

Concen: 25.731 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

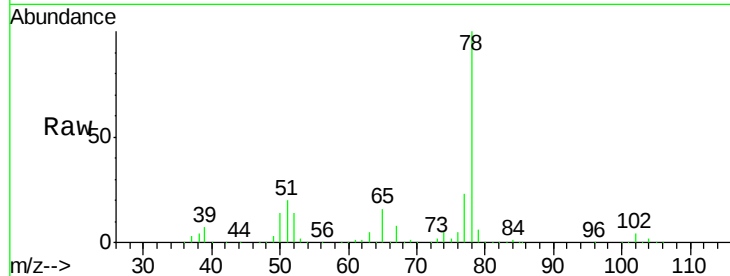
Instrument :

MSVOA_W

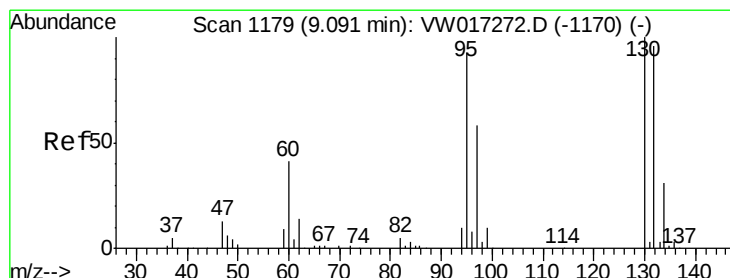
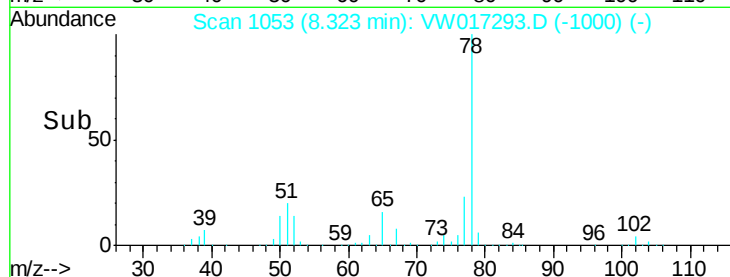
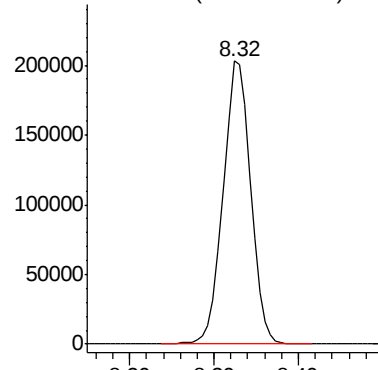
ClientSampleId :

GB0X0MS

Tgt Ion: 78 Resp: 455076



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 26.188 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

Tgt Ion: 95 Resp: 129746

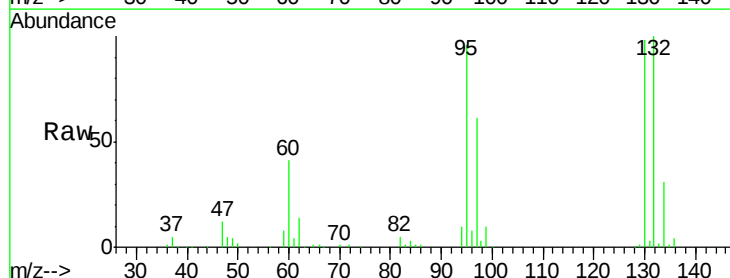
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.0	83.6
132	104.2	73.7	136.9
130	107.4	77.1	143.1

95 100

97 64.3 45.0 83.6

132 104.2 73.7 136.9

130 107.4 77.1 143.1

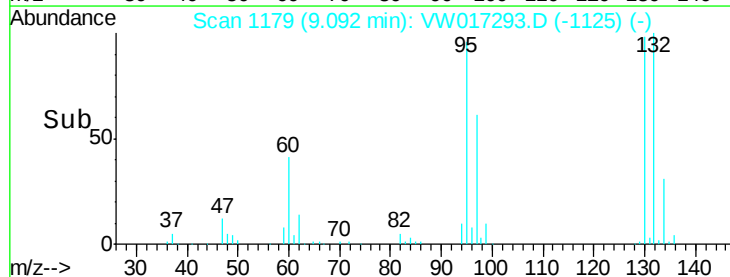
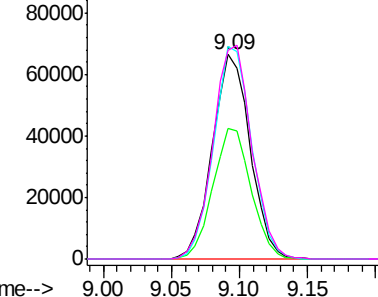


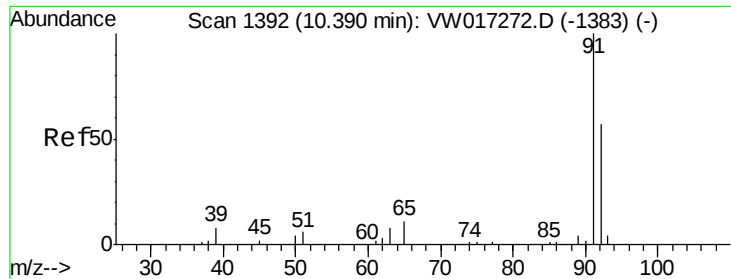
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.081 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_W

ClientSampleId :

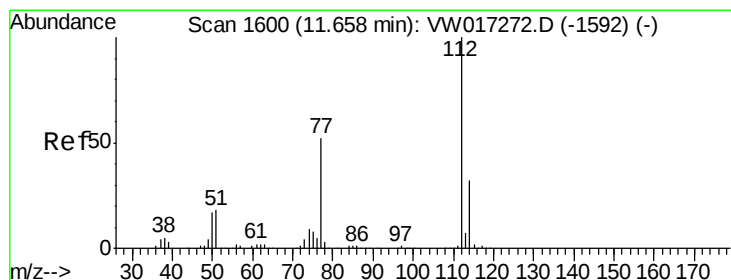
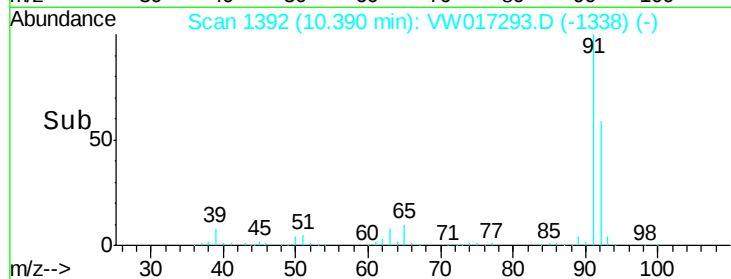
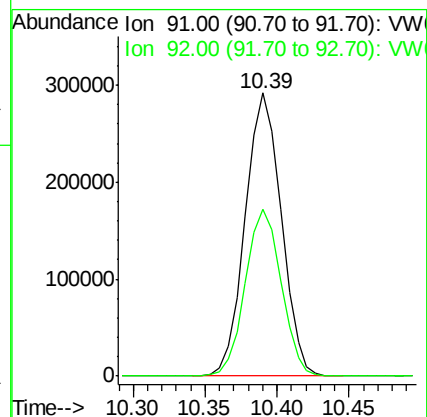
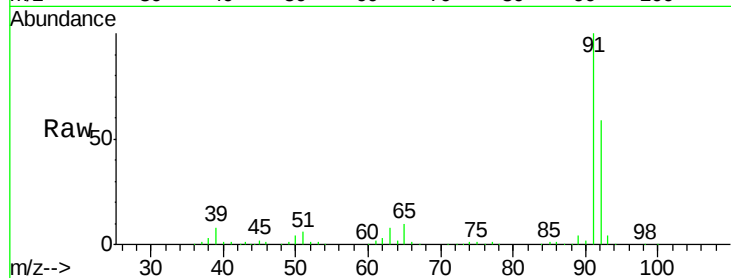
GB0X0MS

Tot Ion: 91 Resp: 507743

Ion Ratio Lower Upper

91 100

92 58.9 41.4 76.8



#52

Chlorobenzene

Concen: 25.392 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW017293.D

Acq: 17 Nov 2020 17:55

Tgt Ion: 112 Resp: 334336

Ion Ratio Lower Upper

112 100

77 53.3 41.7 62.5

114 32.0 22.3 41.3

