

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017339.D
 Acq On : 18 Nov 2020 19:52
 Operator : SY/VA
 Sample : L4739-19
 Misc : 6.57G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB106

Quant Time: Nov 19 05:48:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	404131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318181	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	96847	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	146617	24.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.00%
7) Chloroethane-d5	2.89	69	116390	24.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.96%
10) 1,1-Dichloroethene-d2	4.02	63	190990	18.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.00%
20) 2-Butanone-d5	7.08	46	54188	55.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.30%
24) Chloroform-d	7.65	84	256515	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	8.31	65	132648	25.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.44%
29) Benzene-d6	8.27	84	503005	28.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.16%
33) 1,2-Dichloropropane-d6	9.27	67	138005	28.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.52%
37) Toluene-d8	10.32	98	453576	26.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.44%
38) trans-1,3-Dichloropropene-	10.58	79	56303	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.24%
39) 2-Hexanone-d5	10.93	63	42025	65.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95001	26.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	82318	23.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.08%

Target Compounds

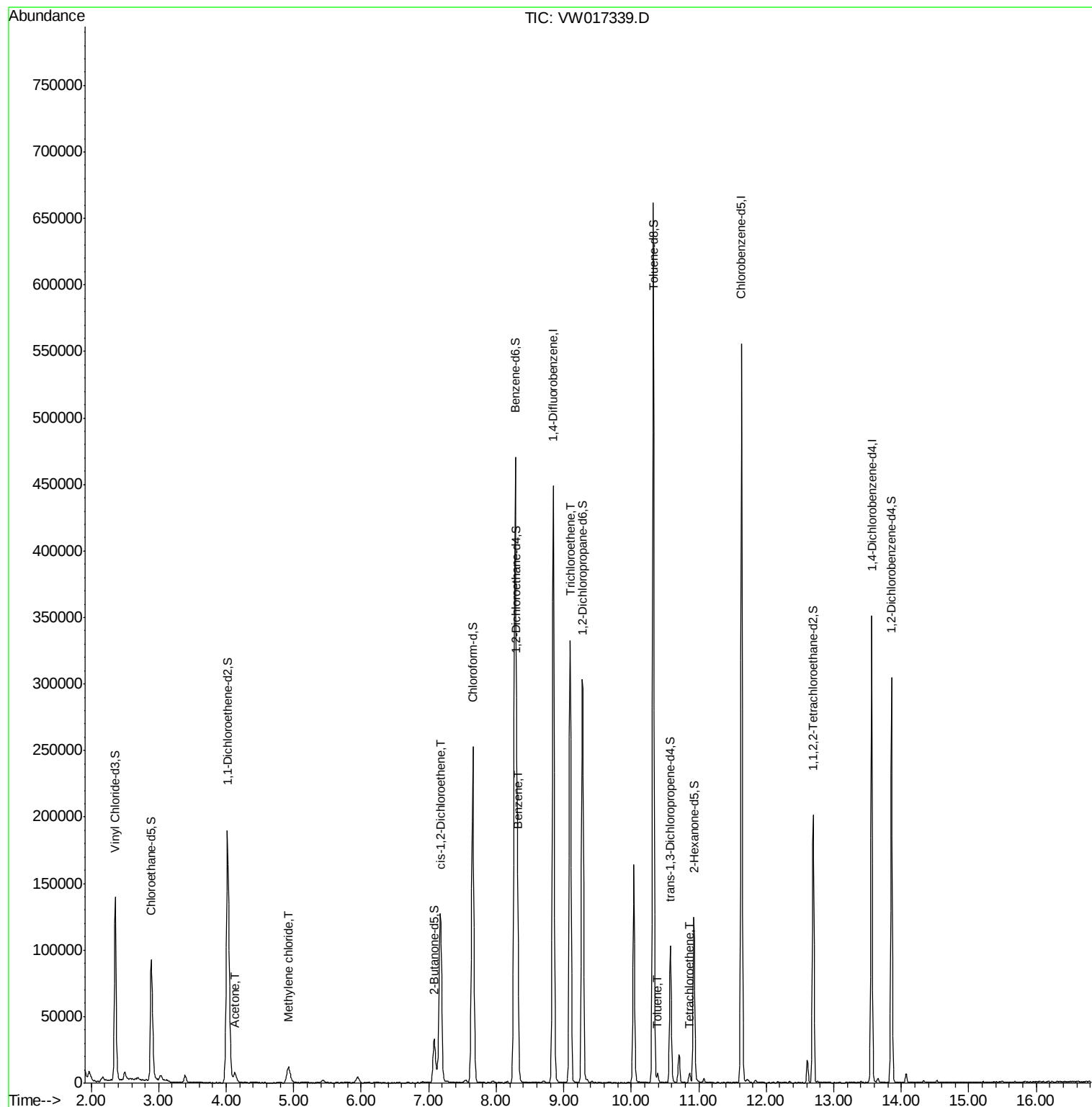
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	12622	17.607	ug/L	96
16) Methylene chloride	4.92	84	10696	1.547	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	82916	14.341	ug/L	97
34) Benzene	8.32	78	5288	0.294	ug/L	100
35) Trichloroethene	9.10	95	113196	22.263	ug/L	99
44) Toluene	10.39	91	4806	0.241	ug/L	86
47) Tetrachloroethene	10.87	164	1736	0.377	ug/L	87

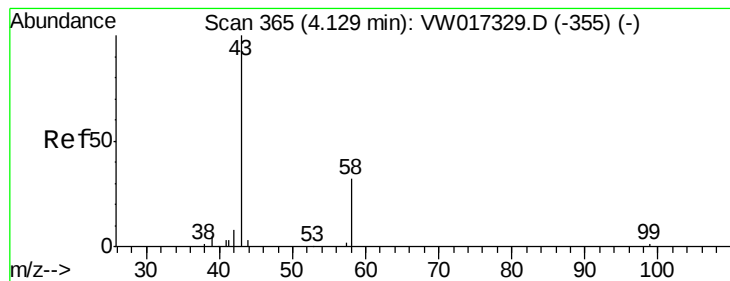
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration





#13

Acetone

Concen: 17.607 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017339.D

Acq: 18 Nov 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

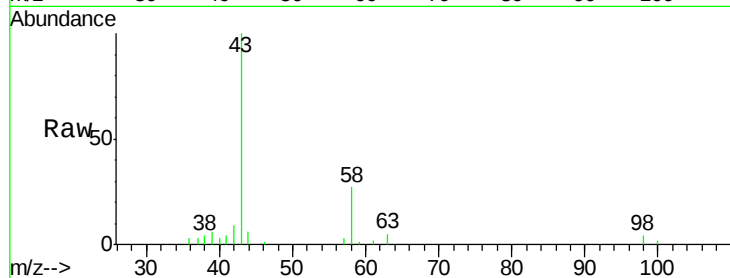
GB106

Tot Ion: 43 Resp: 12622

Ion Ratio Lower Upper

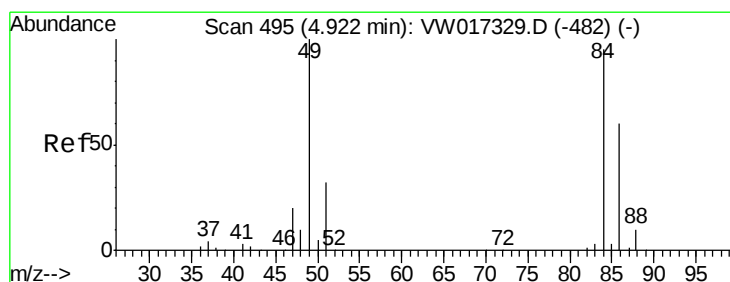
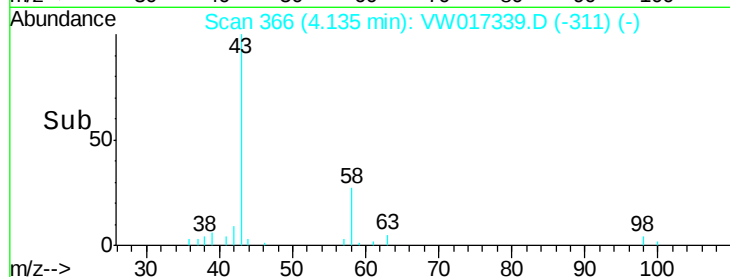
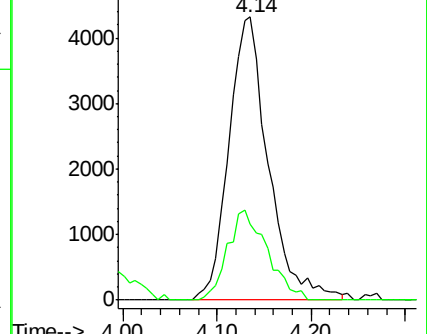
43 100

58 31.3 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.547 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017339.D

Acq: 18 Nov 2020 19:52

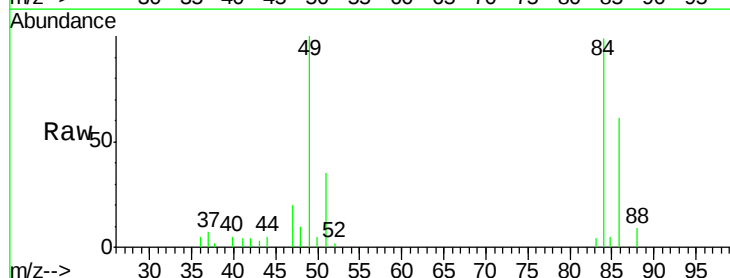
Tgt Ion: 84 Resp: 10696

Ion Ratio Lower Upper

84 100

49 100.6 71.5 132.9

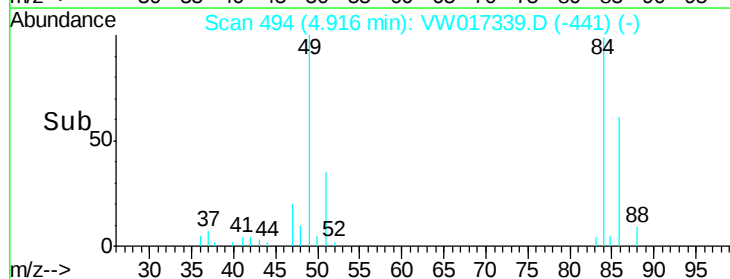
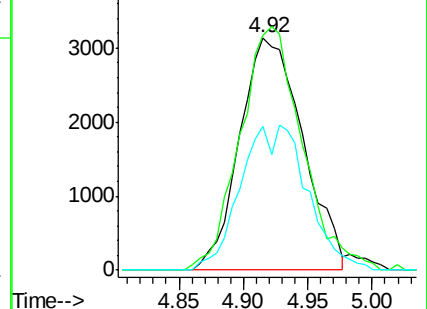
86 61.9 42.8 79.4

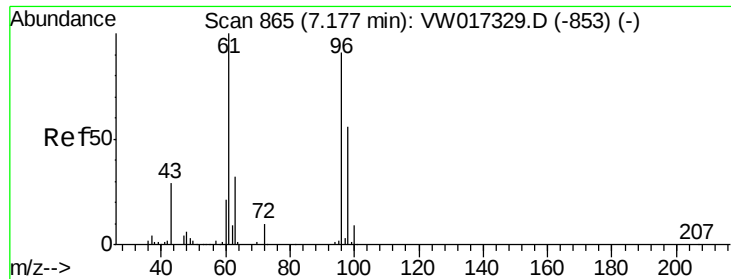


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



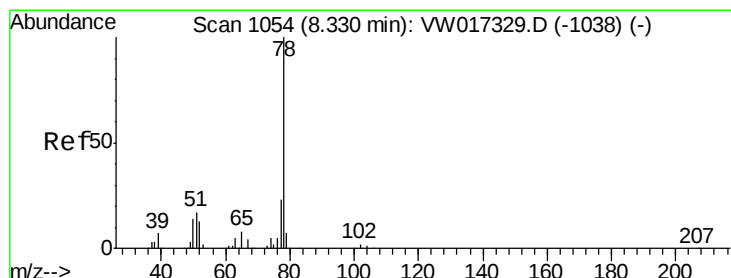
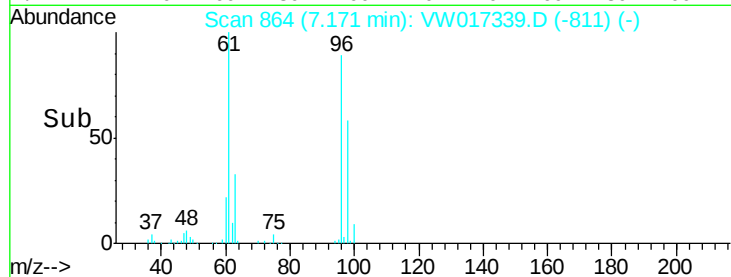
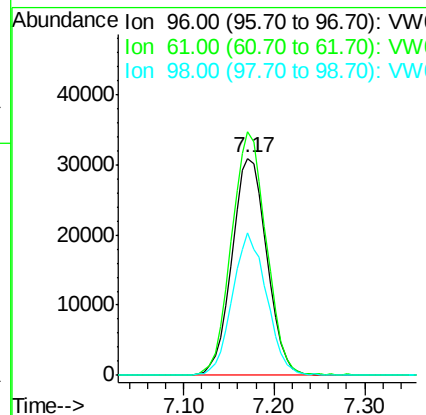
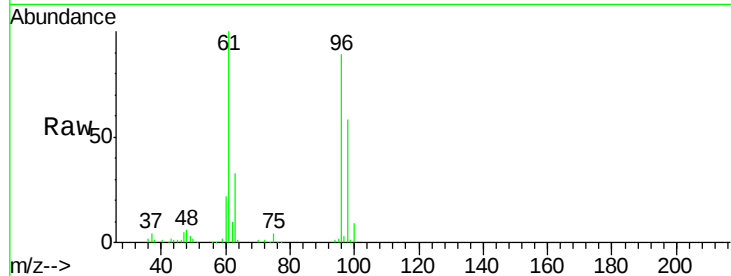


#22

cis-1,2-Dichloroethene
 Concen: 14.341 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW017339.D
 Acq: 18 Nov 2020 19:52

Instrument :
 MSVOA_W
 ClientSampled :
 GB106

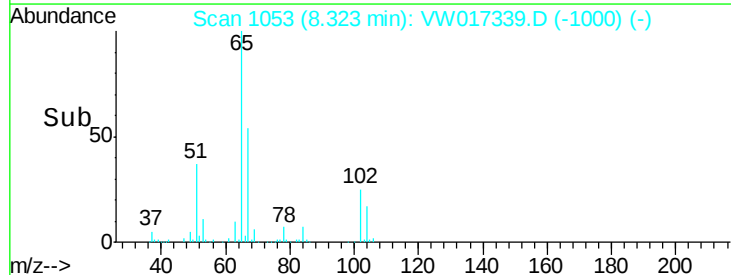
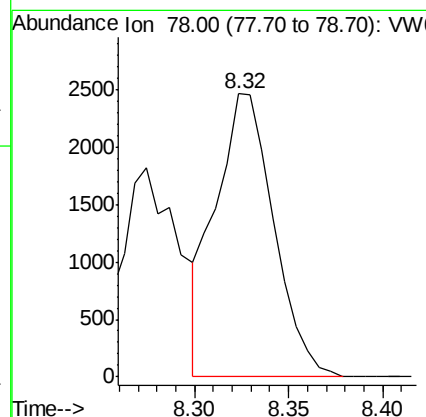
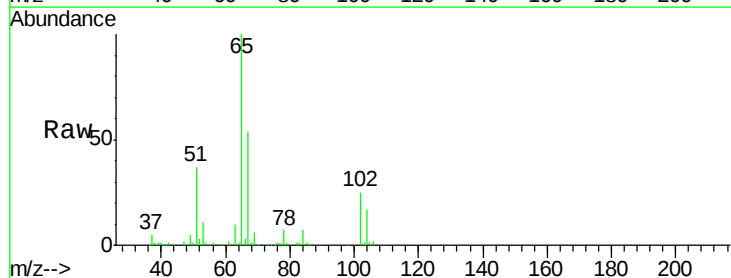
Tot Ion	96	Resp	82916
Ion Ratio	Lower	Upper	
96	100		
61	112.1	76.1	141.3
98	65.5	44.7	82.9

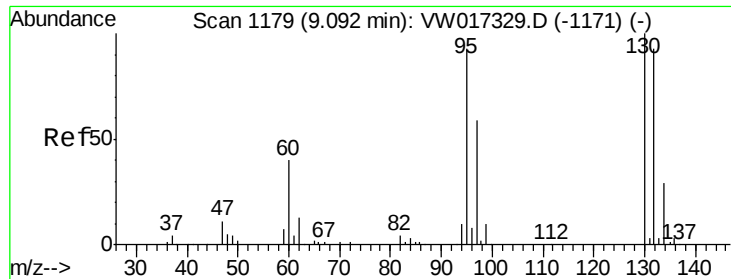


#34

Benzene
 Concen: 0.294 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VW017339.D
 Acq: 18 Nov 2020 19:52

Tgt Ion: 78 Resp: 5288

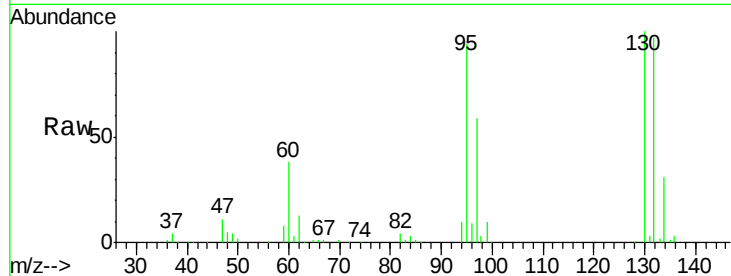




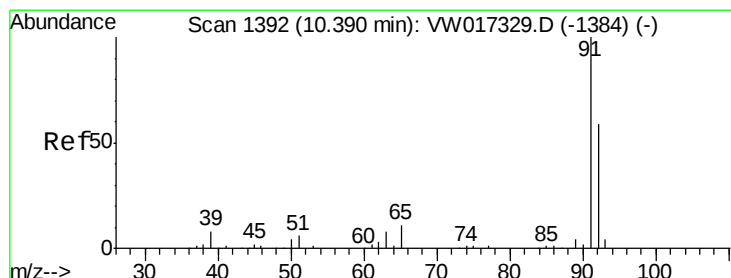
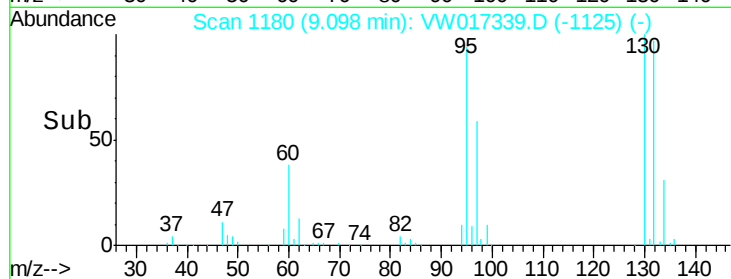
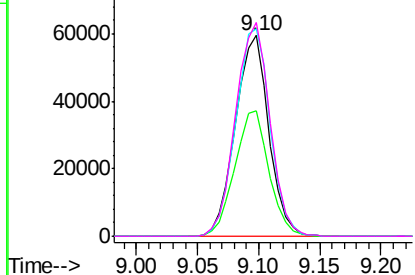
#35
 Trichloroethene
 Concen: 22.263 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW017339.D
 Acq: 18 Nov 2020 19:52

Instrument :
 MSVOA_W
 ClientSampleId :
 GB106

Tot Ion:	95	Resp:	113196
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.7	82.9
132	106.0	72.7	134.9
130	108.9	76.1	141.3

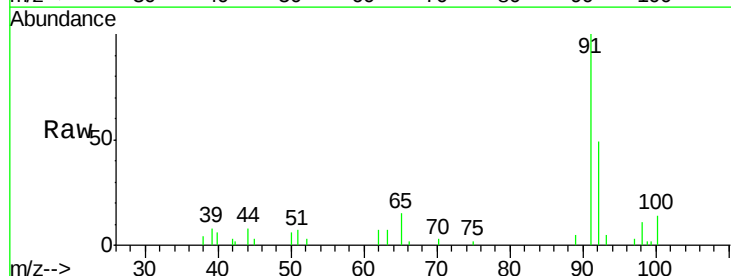


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

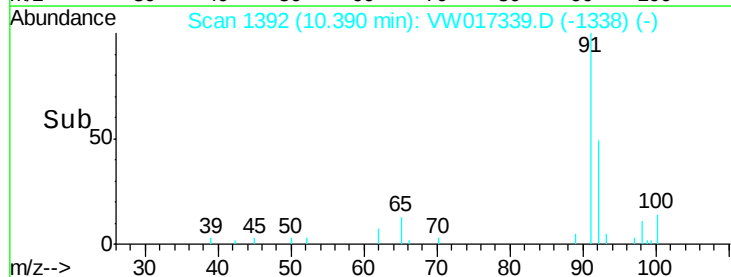
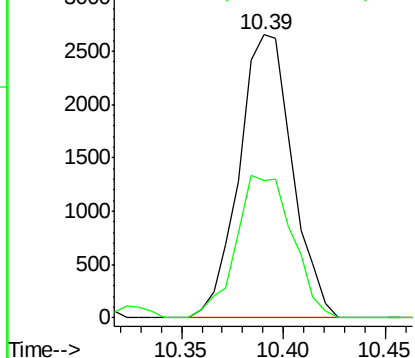


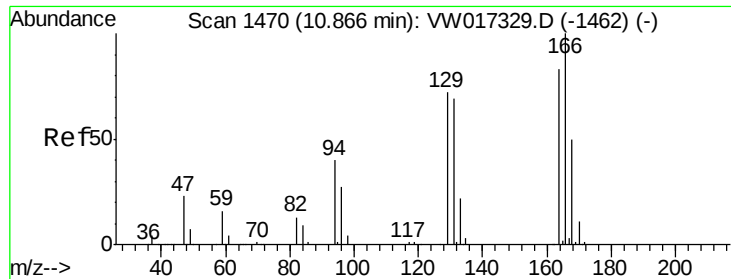
#44
 Toluene
 Concen: 0.241 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW017339.D
 Acq: 18 Nov 2020 19:52

Tgt Ion:	91	Resp:	4806
Ion	Ratio	Lower	Upper
91	100		
92	48.7	41.4	76.8



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW





#47

Tetrachloroethene

Concen: 0.377 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017339.D

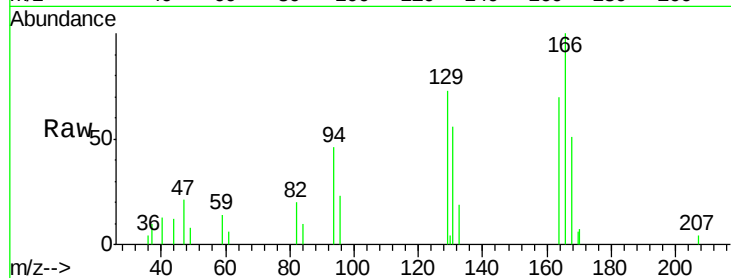
Acq: 18 Nov 2020 19:52

Instrument :

MSVOA_W

ClientSampleId :

GB106



Tot Ion:164 Resp: 1736

Ion Ratio Lower Upper

164 100

129 103.1 60.6 112.6

131 79.9 60.4 112.2

166 141.9 88.6 164.6

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

