

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017064.D
 Acq On : 03 Nov 2020 17:07
 Operator : SY/VA
 Sample : L4615-10
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG482

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:19 AM

Quant Time: Nov 04 05:47:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	547864	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	460115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189094	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131453	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
7) Chloroethane-d5	2.90	69	110061	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
10) 1,1-Dichloroethene-d2	4.02	63	190163	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	7.08	46	50347	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
24) Chloroform-d	7.65	84	270805	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	8.31	65	126664	21.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.20%
29) Benzene-d6	8.27	84	558782	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	152885	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	10.33	98	515181	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.60%
38) trans-1,3-Dichloropropene-	10.58	79	50773	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.00%
39) 2-Hexanone-d5	10.93	63	39350	43.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105640	21.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	154659	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%

Target Compounds

					Ovalue
13) Acetone	4.12	43	6243	7.789 ug/L	95
14) Carbon disulfide	4.39	76	18673	0.859 ug/L	95
16) Methylene chloride	4.92	84	14110	1.948 ug/L	95
17) Methyl tert-butyl Ether	5.43	73	1800	0.230 ug/L #	93
22) cis-1,2-Dichloroethene	7.18	96	6900	0.910 ug/L	95
34) Benzene	8.33	78	30680	1.207 ug/L	100
35) Trichloroethene	9.10	95	496611	70.544 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2796	1.039 ug/L #	94
47) Tetrachloroethene	10.86	164	15035986m	2321.945 ug/L	

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

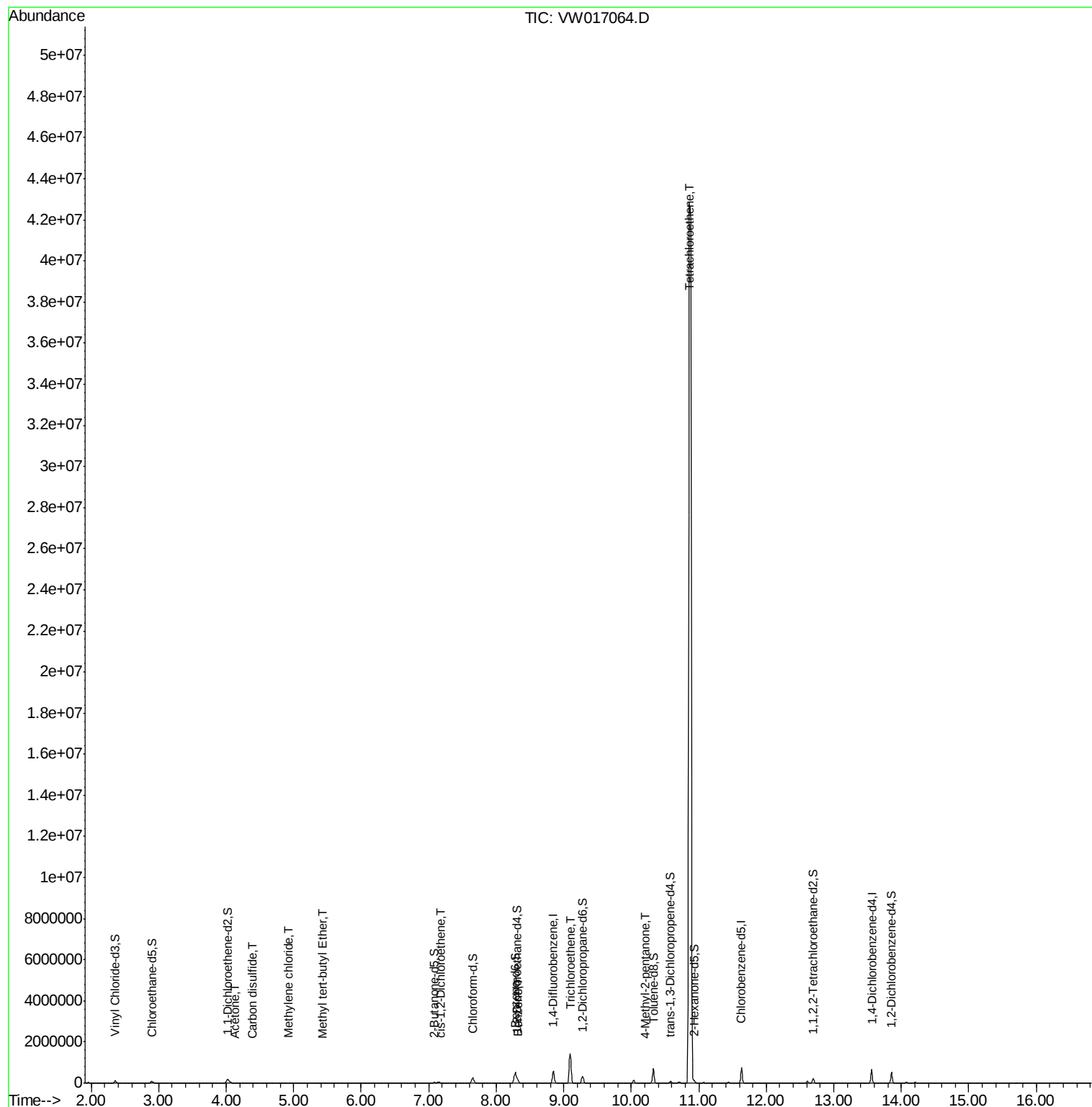
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017064.D
Acq On : 03 Nov 2020 17:07
Operator : SY/VA
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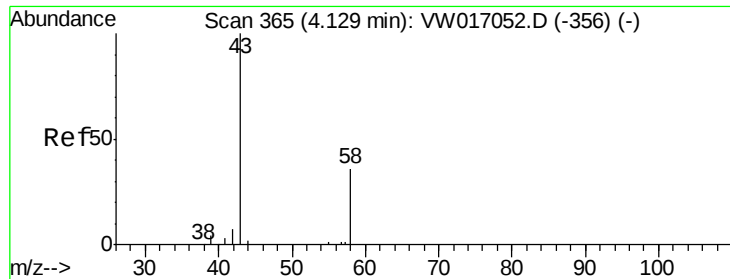
Instrument :
MSVOA_W
ClientSampleId :
BG482

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Quant Time: Nov 04 05:47:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration





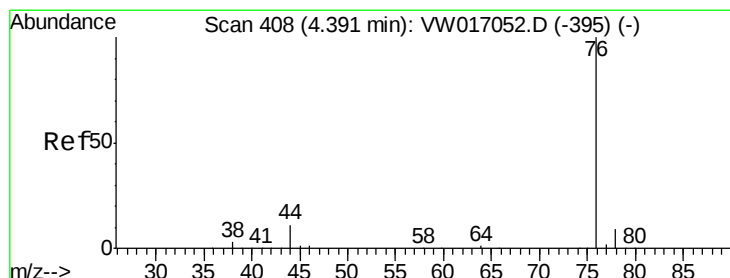
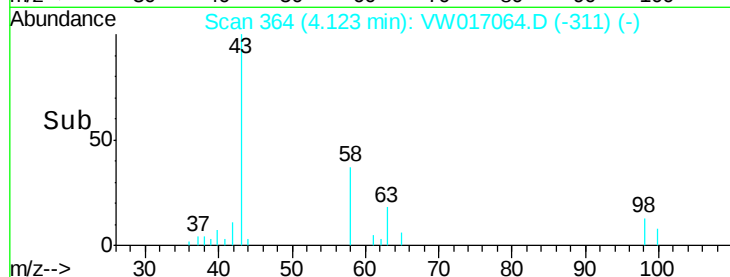
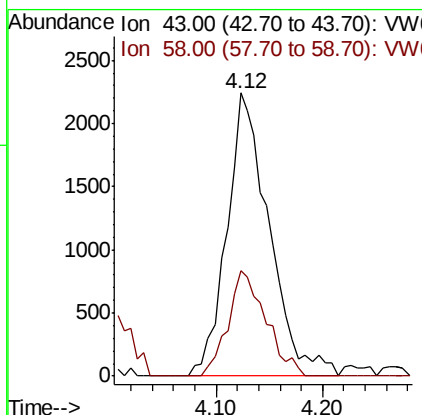
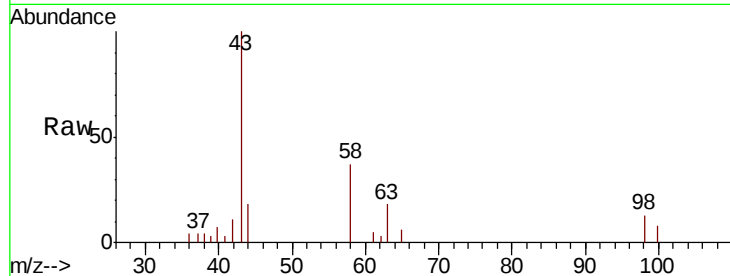
#13
Acetone
Concen: 7.789 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW017064.D
Acq: 03 Nov 2020 17:07

Instrument :
MSVOA_W
ClientSampled :
BG482

Tot Ion: 43 Resp: 6243
Ion Ratio Lower Upper
43 100
58 32.2 0.0 69.8

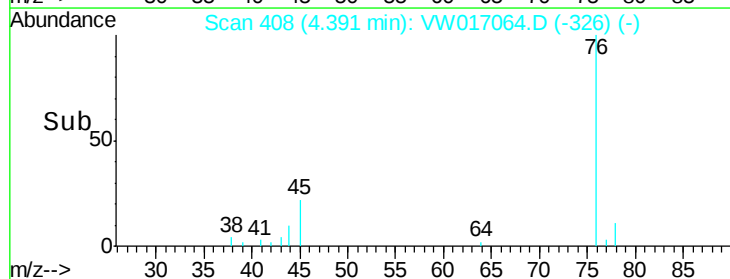
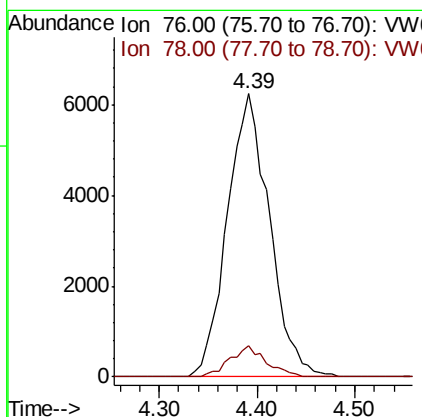
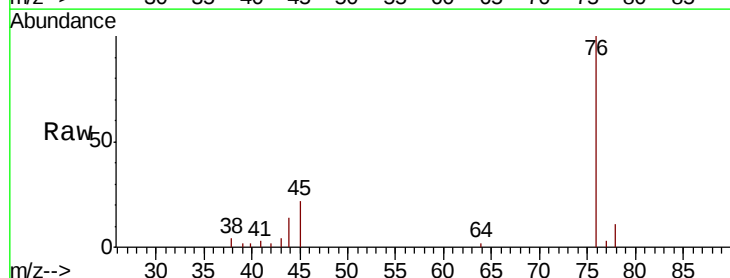
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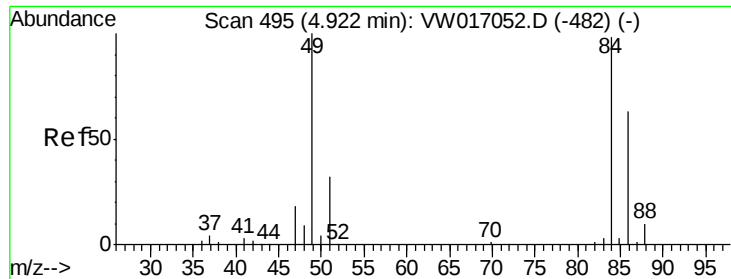
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#14
Carbon disulfide
Concen: 0.859 ug/L
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW017064.D
Acq: 03 Nov 2020 17:07

Tgt Ion: 76 Resp: 18673
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9





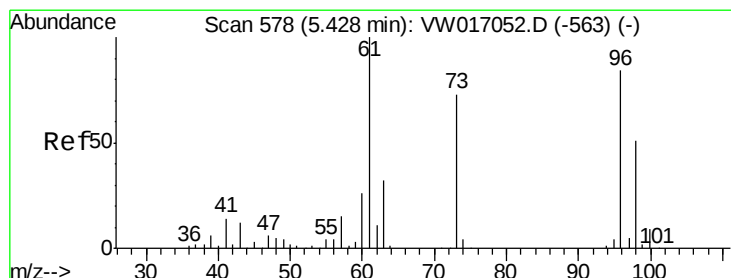
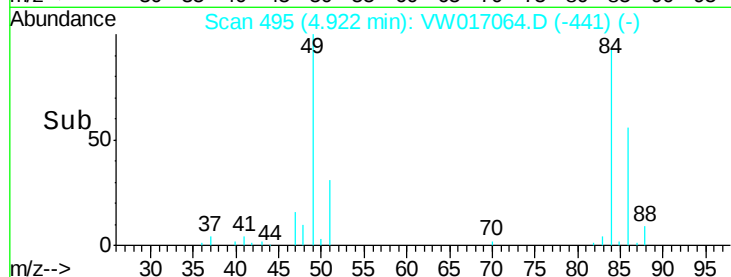
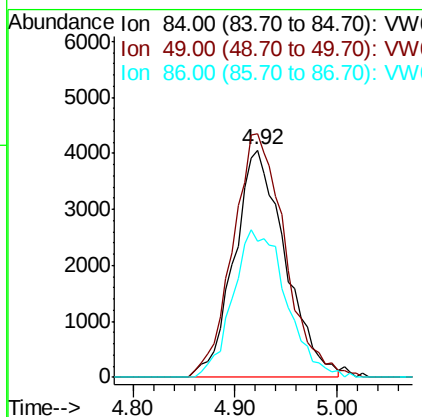
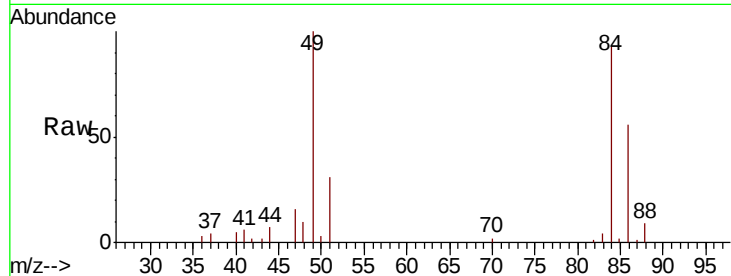
#16
Methylene chloride
Concen: 1.948 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017064.D
Acq: 03 Nov 2020 17:07

Instrument :
MSVOA_W
ClientSampled :
BG482

Tot Ion	84	Resp	14110
Ion Ratio	Lower	Upper	
84	100		
49	107.3	73.8	137.0
86	59.8	47.4	88.0

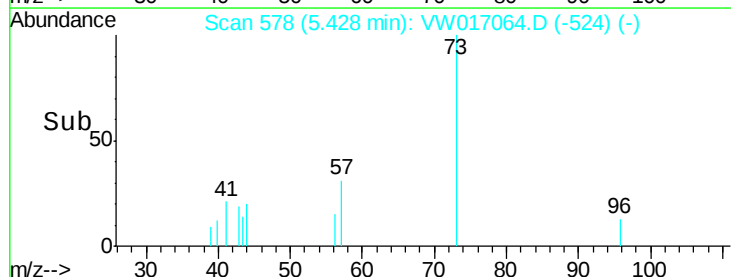
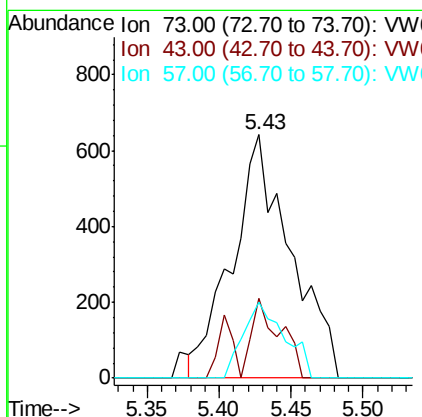
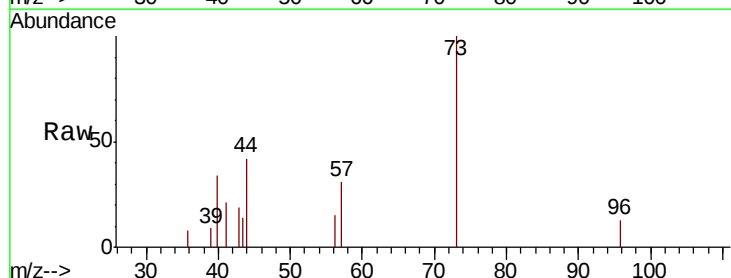
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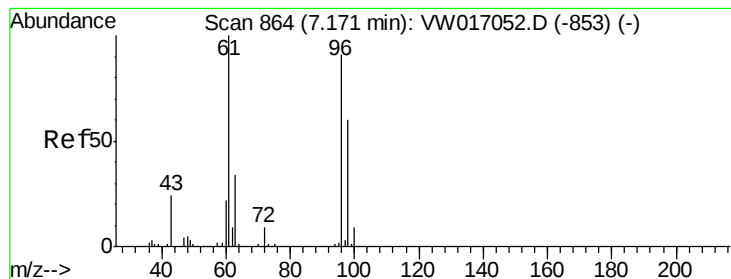
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#17
Methyl tert-butyl Ether
Concen: 0.230 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW017064.D
Acq: 03 Nov 2020 17:07

Tgt Ion	73	Resp	1800
Ion Ratio	Lower	Upper	
73	100		
43	11.4	14.4	21.6#
57	20.3	16.6	25.0





#22

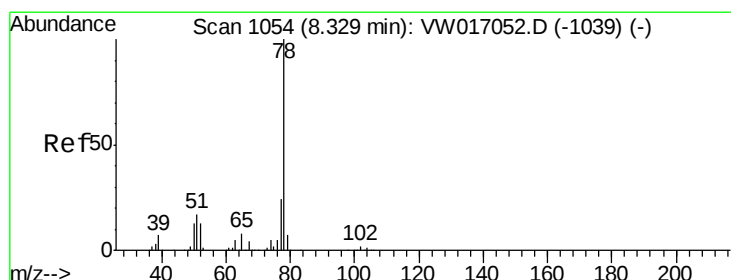
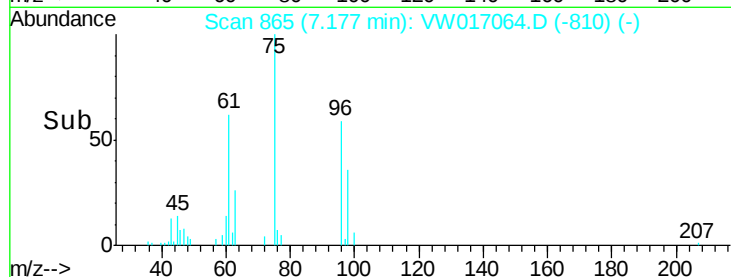
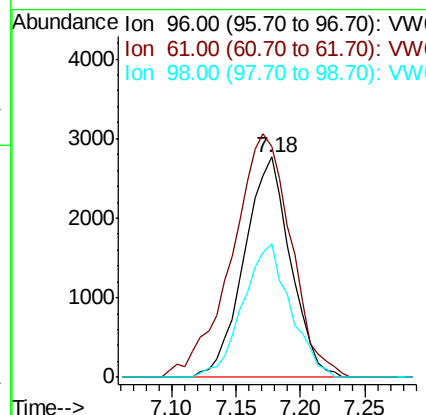
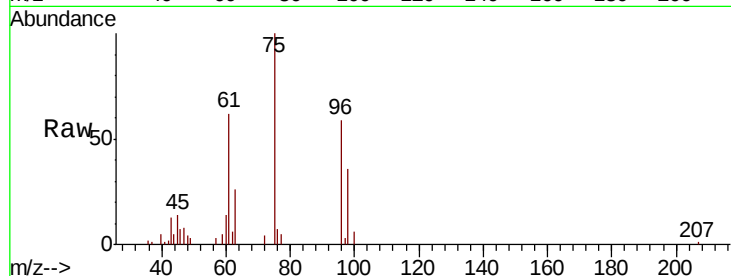
cis-1,2-Dichloroethene
Concen: 0.910 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW017064.D
Acq: 03 Nov 2020 17:07

Instrument :
MSVOA_W
ClientSampled :
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Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	104.6	77.4	143.8	
98	60.4	44.4	82.5	

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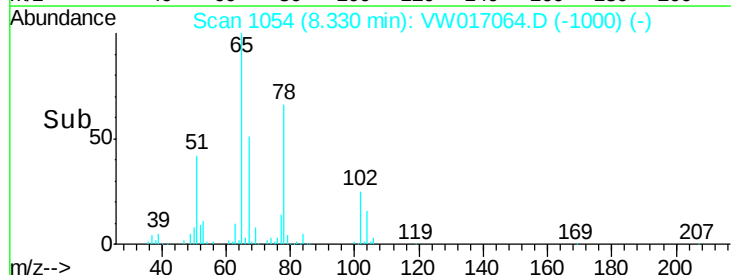
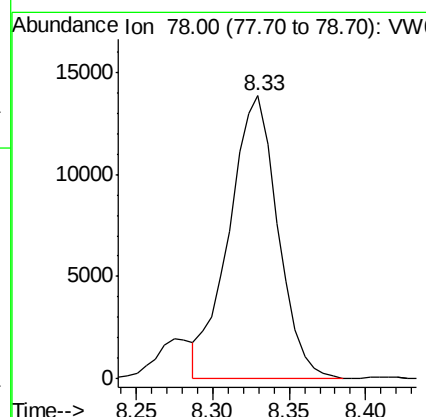
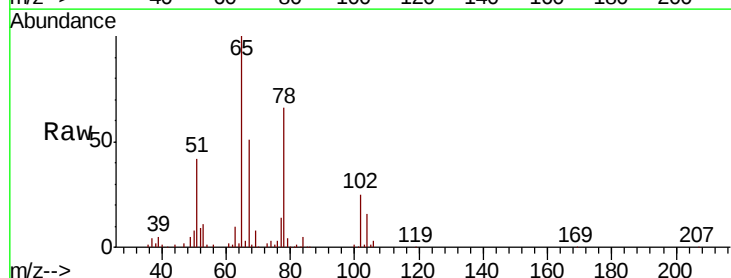
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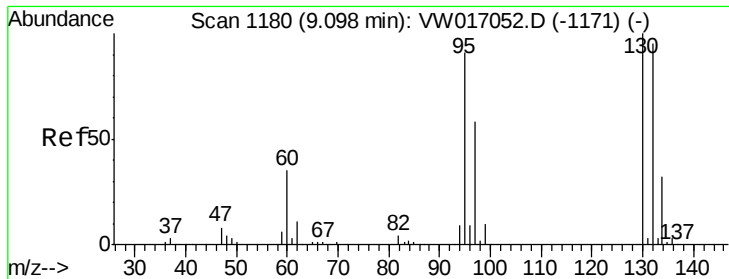


#34

Benzene
Concen: 1.207 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW017064.D
Acq: 03 Nov 2020 17:07

Tgt Ion: 78 Resp: 30680





#35

Trichloroethene

Concen: 70.544 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW017064.D

Acq: 03 Nov 2020 17:07

Instrument :

MSVOA_W

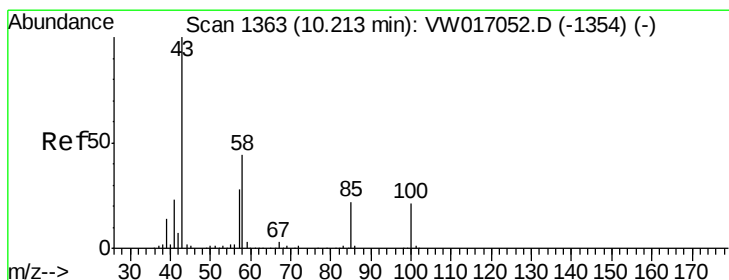
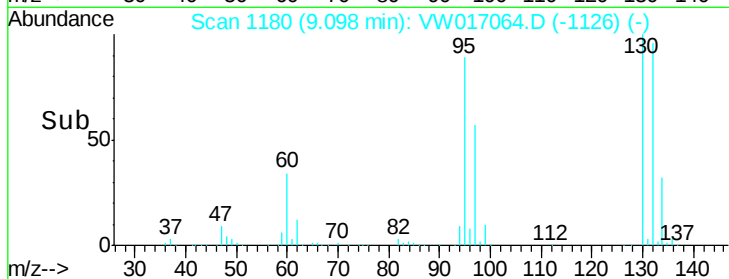
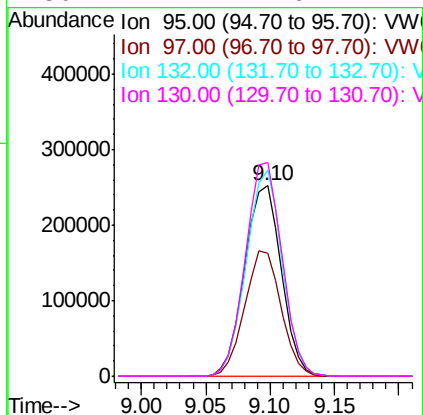
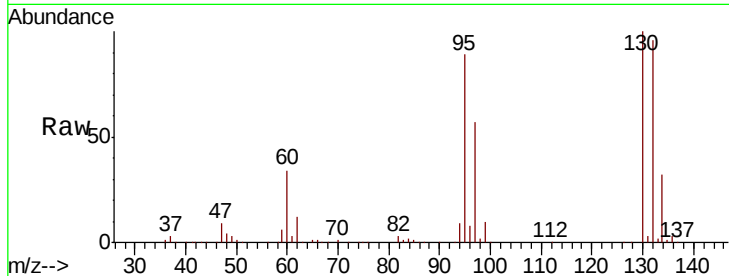
ClientSampled :

BG482

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		496611		
97	65.4	46.0	85.4		
132	106.3	73.9	137.3		
130	112.4	77.6	144.2		

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#43

4-Methyl-2-pentanone

Concen: 1.039 ug/L

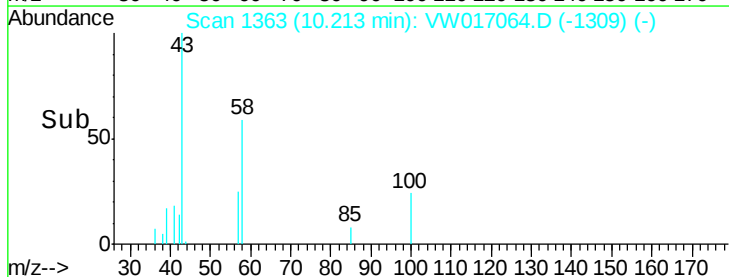
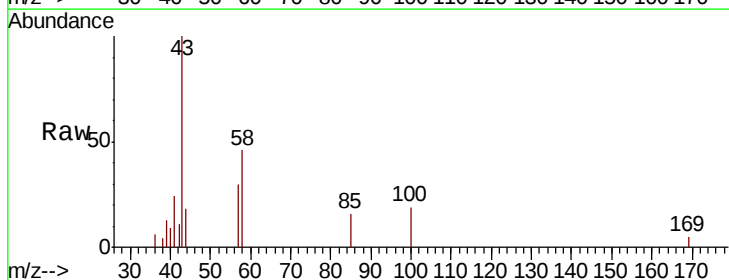
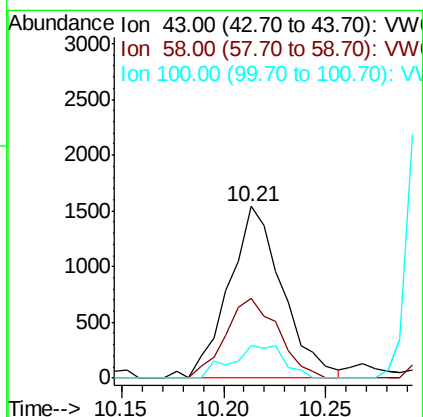
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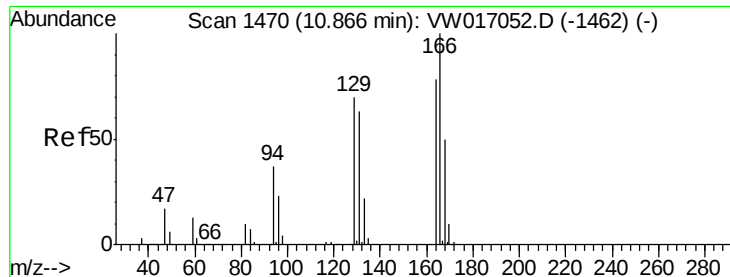
Delta R.T. 0.00 min

Lab File: VW017064.D

Acq: 03 Nov 2020 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		2796		
58	45.8	34.4	51.6		
100	15.3	16.2	24.2		





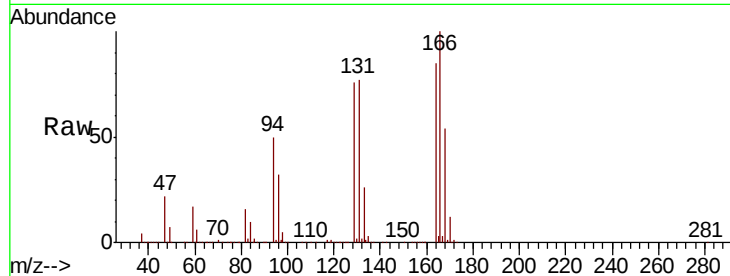
#47
Tetrachloroethene
Concen: 2321.945 ug/L m
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW017064.D
Acq: 03 Nov 2020 17:07

Instrument :
MSVOA_W
ClientSampleId :
BG482

Tot Ion:164 Resp:15035986
Ion Ratio Lower Upper
164 100
129 89.7 64.0 119.0
131 90.0 61.7 114.5
166 117.4 94.6 175.8

Manual Integrations
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11/9/2020 10:02:19 AM



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

