

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017070.D
 Acq On : 03 Nov 2020 19:28
 Operator : SY/VA
 Sample : L4615-08
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG480

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:24 AM

Quant Time: Nov 04 06:13:53 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	447488	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	388691	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143401	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114955	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.04%
7) Chloroethane-d5	2.90	69	98591	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.02	63	163197	16.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.00%
20) 2-Butanone-d5	7.08	46	52577	54.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.08%
24) Chloroform-d	7.65	84	246986	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	120507	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.28	84	500778	25.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.32%
33) 1,2-Dichloropropane-d6	9.28	67	140828	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.52%
37) Toluene-d8	10.33	98	456019	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	50827	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.88%
39) 2-Hexanone-d5	10.93	63	44405	58.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106314	25.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	126804	25.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.64%

Target Compounds

					Ovalue
13) Acetone	4.12	43	5760	8.799 ug/L	66
14) Carbon disulfide	4.39	76	23960	1.349 ug/L	96
16) Methylene chloride	4.93	84	12452m	2.105 ug/L	
35) Trichloroethene	9.09	95	5822	0.979 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	3024	1.330 ug/L	97
47) Tetrachloroethene	10.87	164	169897	31.058 ug/L	93

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

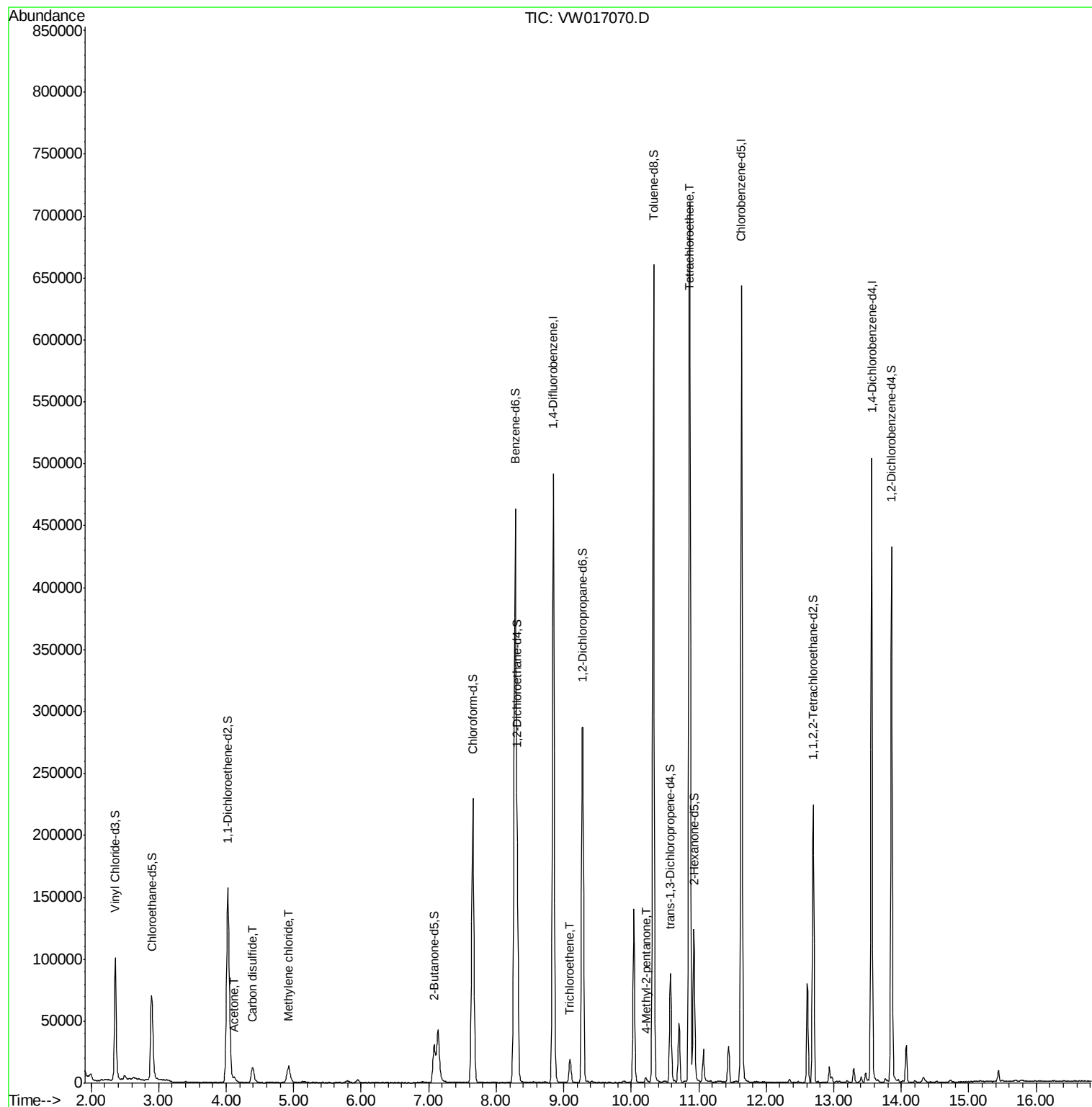
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017070.D
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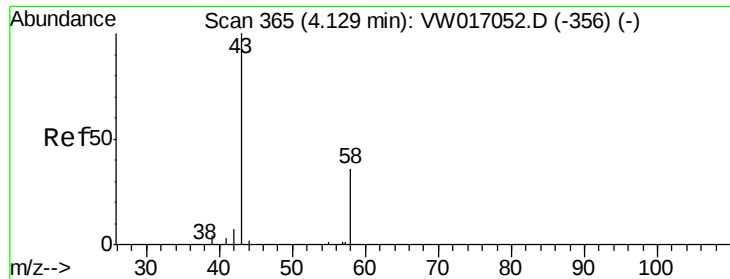
Instrument :
MSVOA_W
ClientSampleId :
BG480

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Quant Time: Nov 04 06:13:53 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: 8.799 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017070.D

Acq: 03 Nov 2020 19:28

Instrument :

MSVOA_W

ClientSampled :

BG480

Tot Ion: 43 Resp: 5760

Ion Ratio Lower Upper

43 100

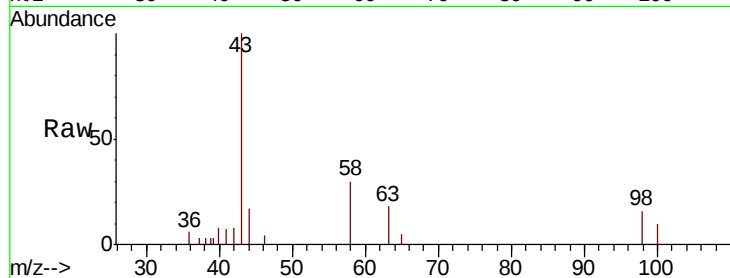
58 15.1 0.0 69.8

Manual Integrations

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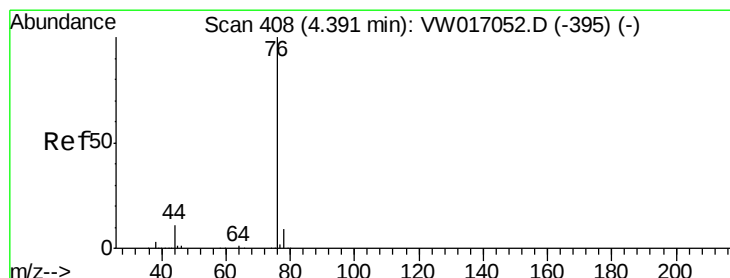
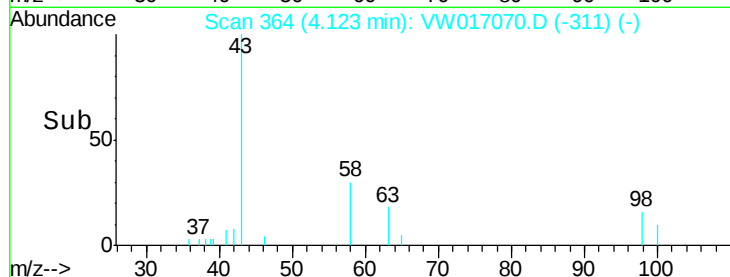
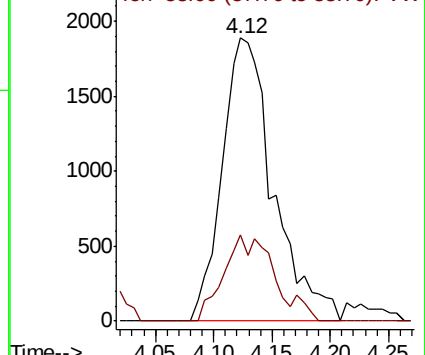
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.349 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017070.D

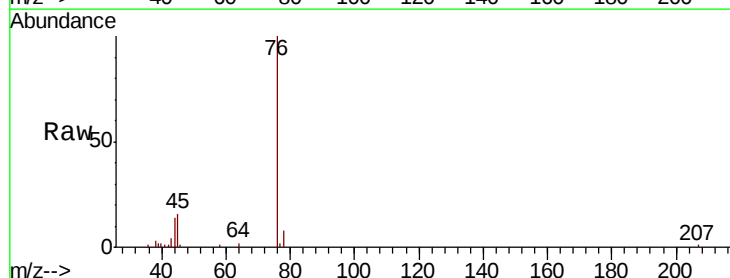
Acq: 03 Nov 2020 19:28

Tgt Ion: 76 Resp: 23960

Ion Ratio Lower Upper

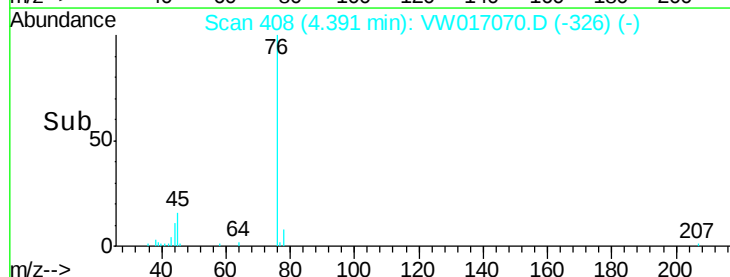
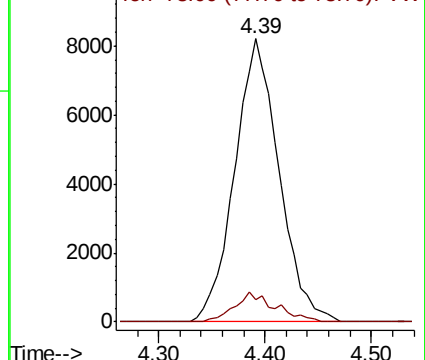
76 100

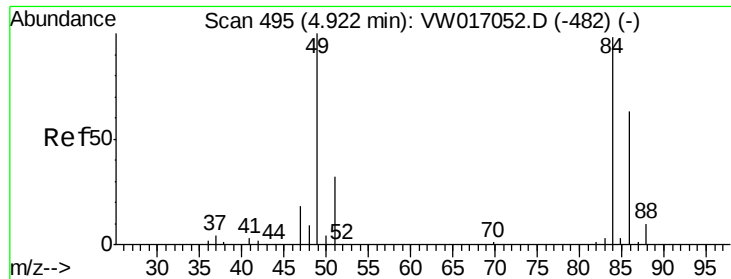
78 7.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





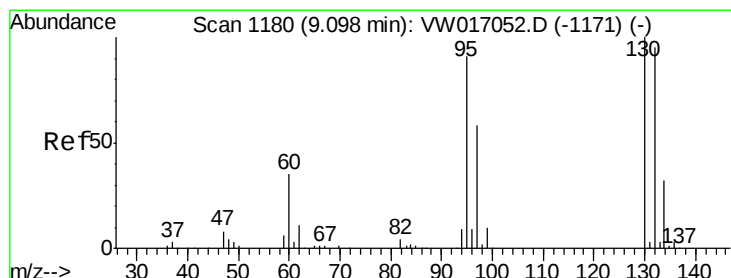
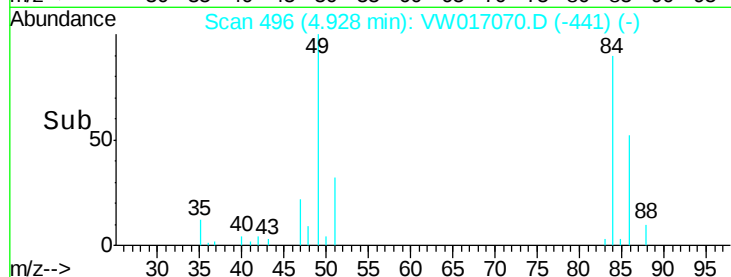
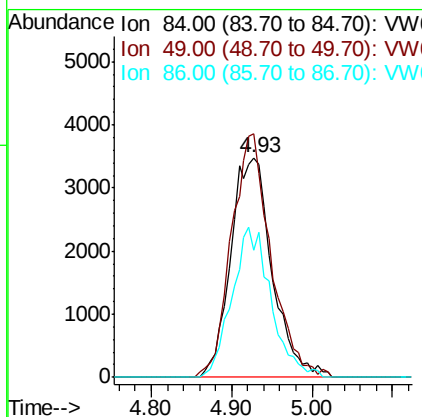
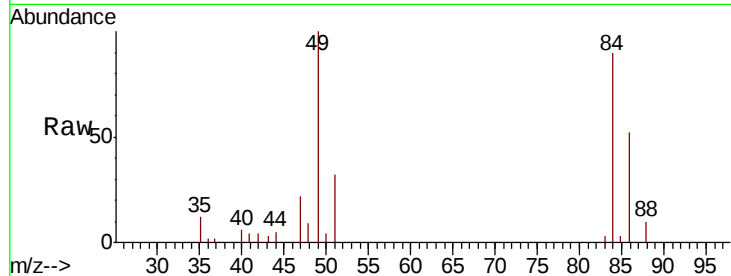
#16
Methvlene chloride
Concen: 2.105 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017070.D
Acq: 03 Nov 2020 19:28

Instrument :
MSVOA_W
ClientSampled :
BG480

Tot Ion	84	Resp	12452
Ion Ratio	Lower	Upper	
84	100		
49	110.8	73.8	137.0
86	57.7	47.4	88.0

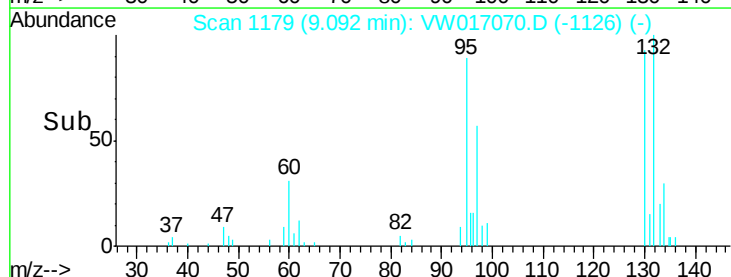
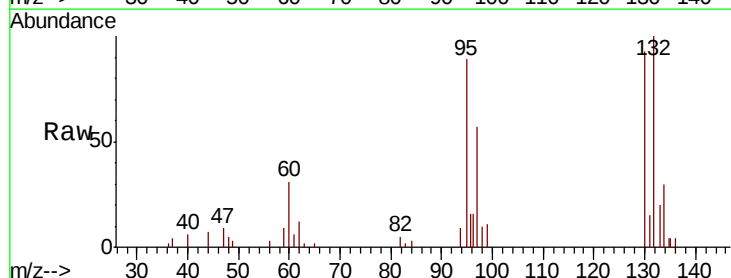
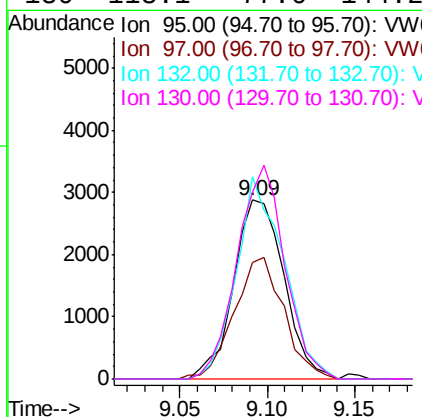
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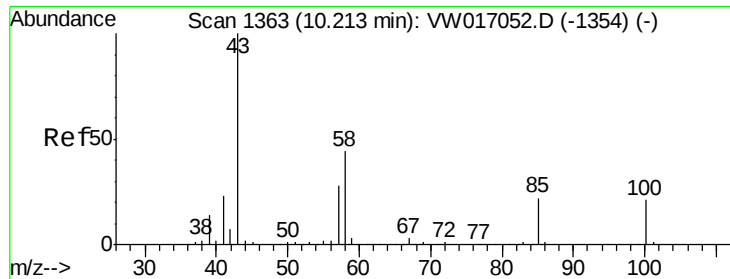
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#35
Trichloroethene
Concen: 0.979 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW017070.D
Acq: 03 Nov 2020 19:28

Tgt Ion	95	Resp	5822
Ion Ratio	Lower	Upper	
95	100		
97	66.6	46.0	85.4
132	106.3	73.9	137.3
130	113.1	77.6	144.2





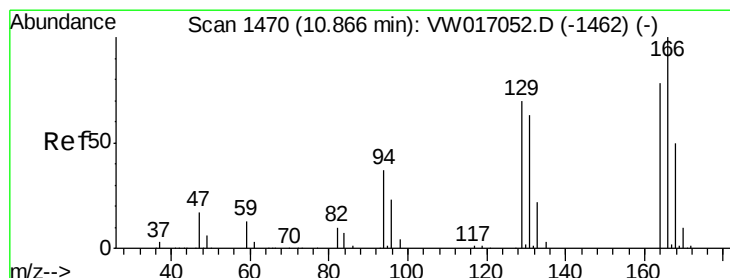
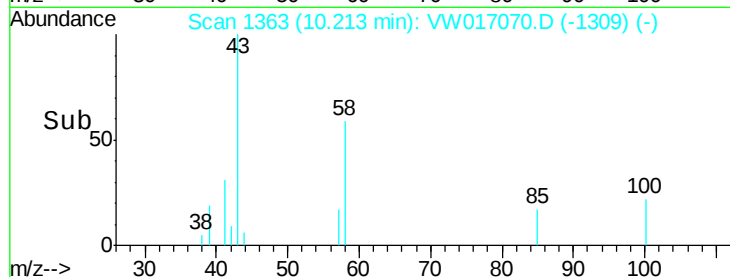
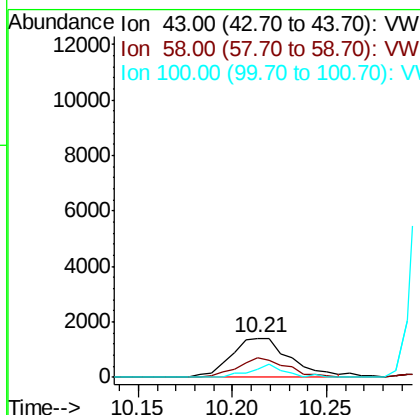
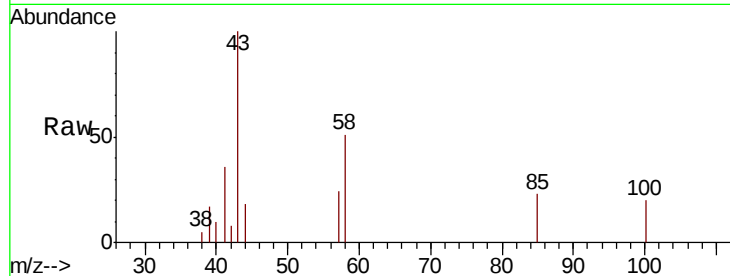
#43
4-Methyl-2-pentanone
Concen: 1.330 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017070.D
Acq: 03 Nov 2020 19:28

Instrument :
MSVOA_W
ClientSampled :
BG480

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.0	34.4	51.6
100	17.1	16.2	24.2

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#47
Tetrachloroethene
Concen: 31.058 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017070.D
Acq: 03 Nov 2020 19:28

Tgt Ion	Ratio	Lower	Upper
164	100		
129	86.0	64.0	119.0
131	84.5	61.7	114.5
166	122.7	94.6	175.8

