

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017184.D
 Acq On : 12 Nov 2020 14:57
 Operator : SY/VA
 Sample : L4693-17
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4E3

Quant Time: Nov 13 04:57:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	371935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326812	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128395	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113311	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.76%
7) Chloroethane-d5	2.89	69	93775	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.92%
10) 1,1-Dichloroethene-d2	4.02	63	146897	17.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.12%
20) 2-Butanone-d5	7.09	46	47621	45.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.92%
24) Chloroform-d	7.65	84	226082	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	8.31	65	115276	26.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.80%
29) Benzene-d6	8.28	84	445425	26.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.04%
33) 1,2-Dichloropropane-d6	9.27	67	124377	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.08%
37) Toluene-d8	10.33	98	407875	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.96%
38) trans-1,3-Dichloropropene-	10.58	79	47860	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.24%
39) 2-Hexanone-d5	10.93	63	36760	45.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98376	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	115837	25.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.44%

Target Compounds

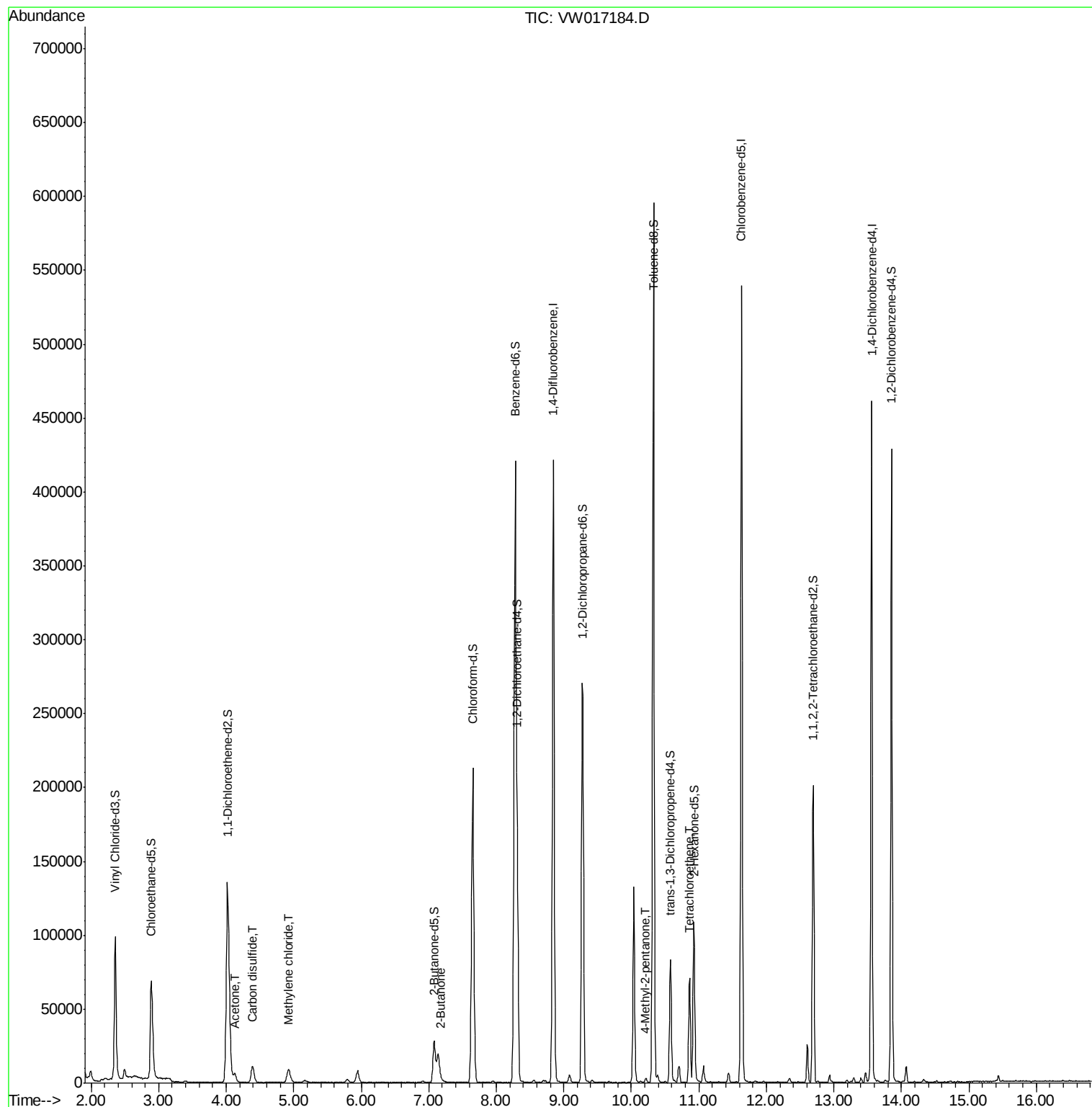
					Ovalue
13) Acetone	4.13	43	9118	12.999 ug/L	94
14) Carbon disulfide	4.38	76	24457	1.947 ug/L	99
16) Methylene chloride	4.92	84	8421	1.679 ug/L	100
21) 2-Butanone	7.18	43	2460	2.184 ug/L	87
43) 4-Methyl-2-pentanone	10.21	43	2106	0.851 ug/L #	84
47) Tetrachloroethene	10.87	164	16382	3.777 ug/L	96

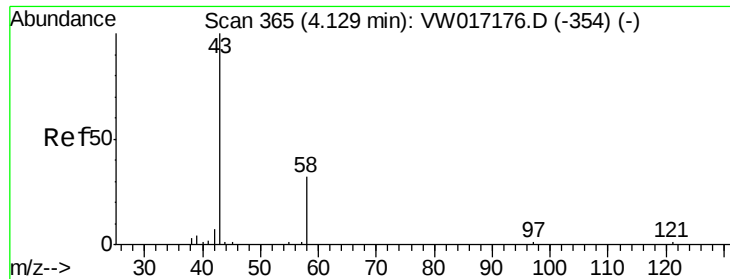
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 12.999 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017184.D

Acq: 12 Nov 2020 14:57

Instrument :

MSVOA_W

ClientSampled :

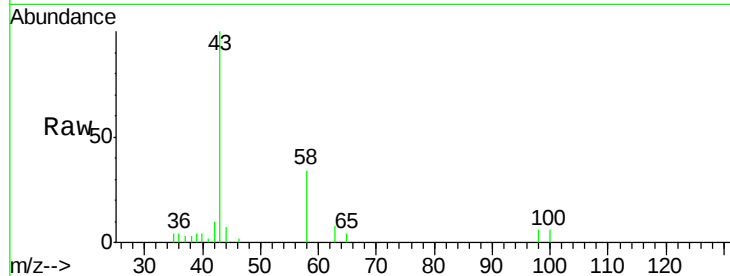
BG4E3

Tot Ion: 43 Resp: 9118

Ion Ratio Lower Upper

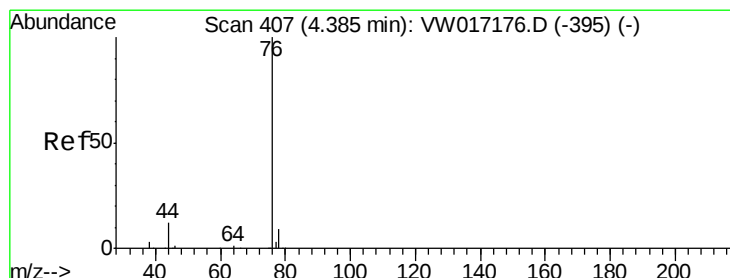
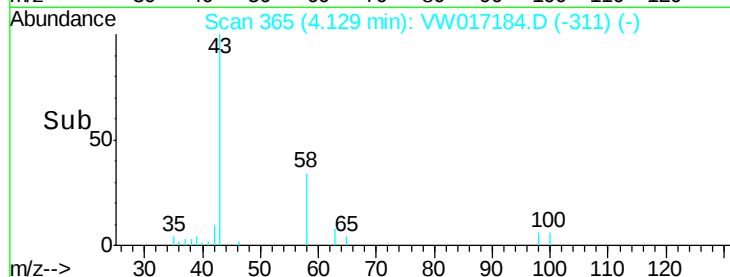
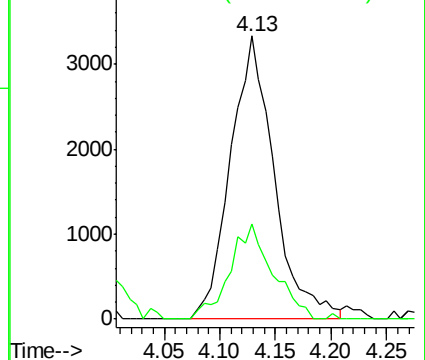
43 100

58 31.1 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 1.947 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017184.D

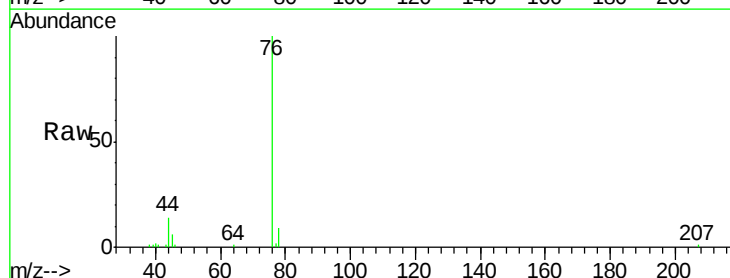
Acq: 12 Nov 2020 14:57

Tgt Ion: 76 Resp: 24457

Ion Ratio Lower Upper

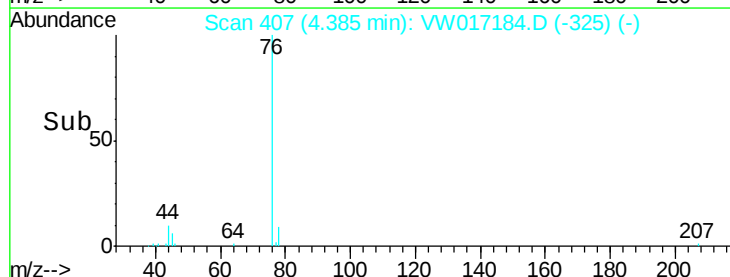
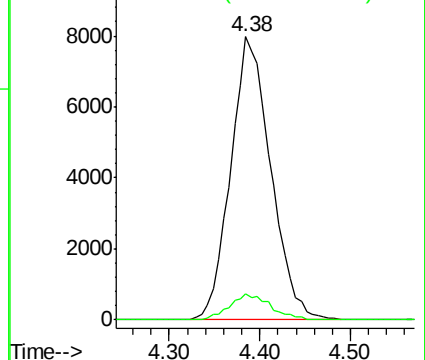
76 100

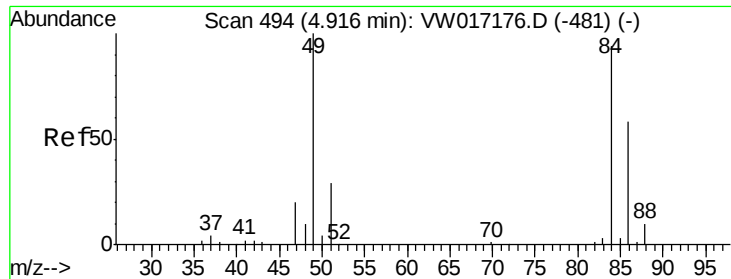
78 9.3 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

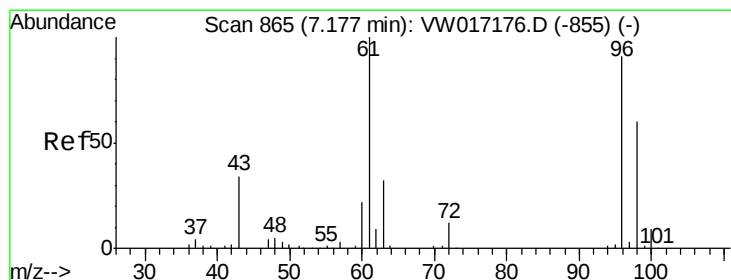
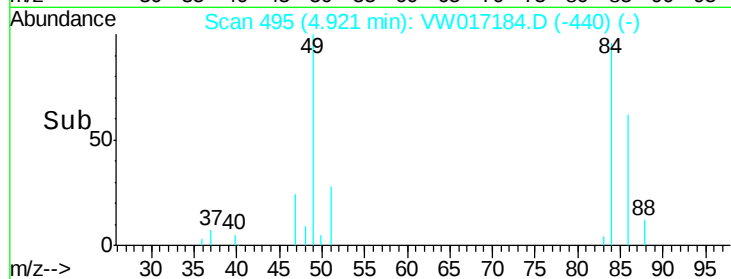
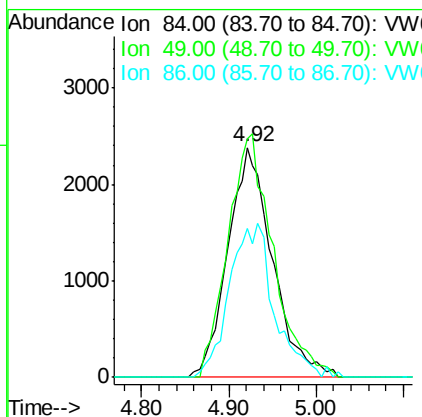
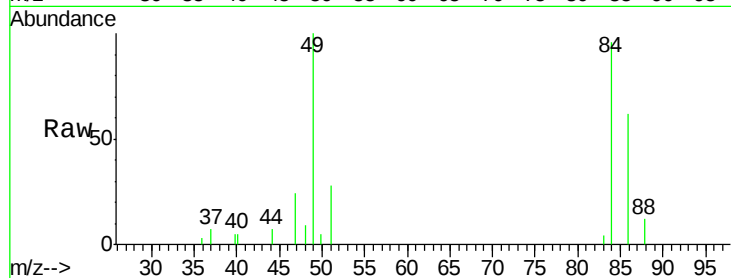




#16
Methylene chloride
Concen: 1.679 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017184.D
Acq: 12 Nov 2020 14:57

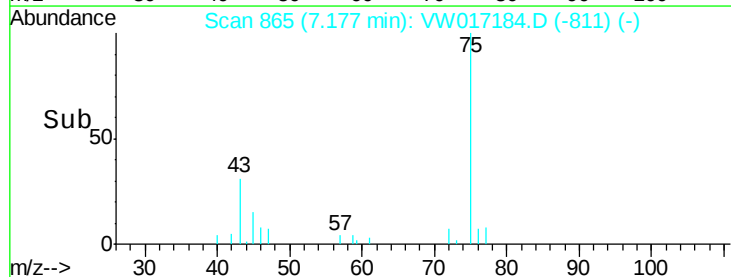
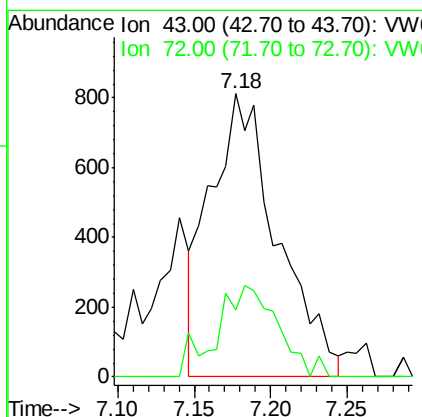
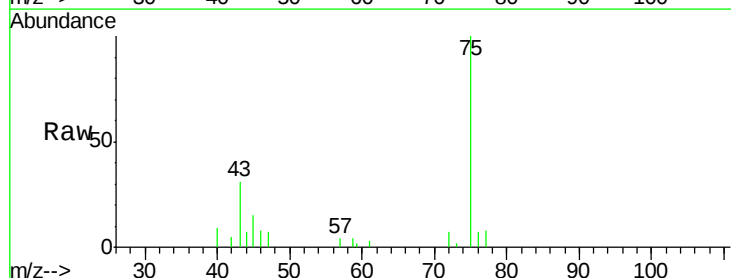
Instrument :
MSVOA_W
ClientSampled :
BG4E3

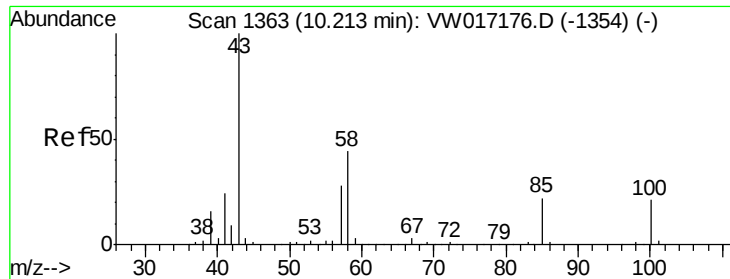
Tot Ion: 84 Resp: 8421
Ion Ratio Lower Upper
84 100
49 103.8 72.3 134.3
86 64.6 45.1 83.7



#21
2-Butanone
Concen: 2.184 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW017184.D
Acq: 12 Nov 2020 14:57

Tgt Ion: 43 Resp: 2460
Ion Ratio Lower Upper
43 100
72 24.9 16.1 48.3

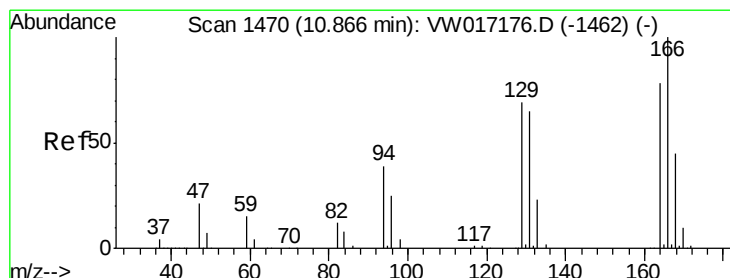
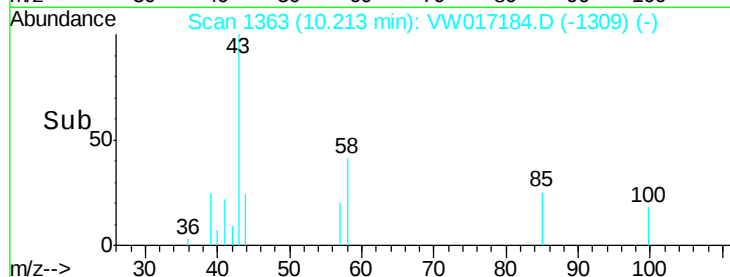
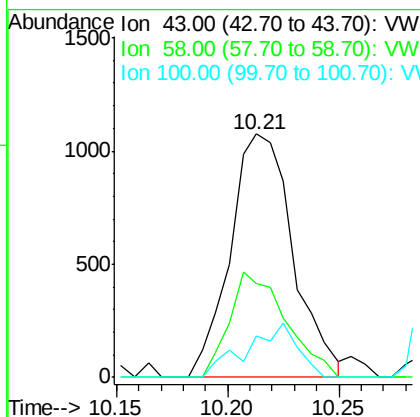
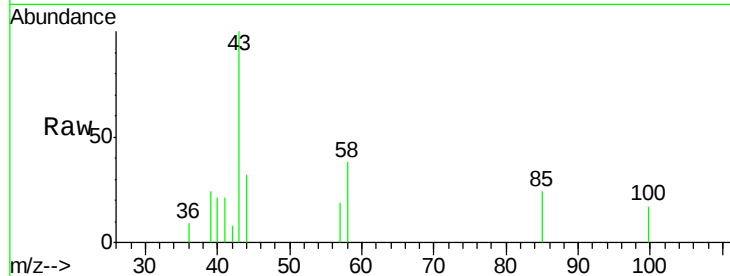




#43
4-Methyl-2-pentanone
Concen: 0.851 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017184.D
Acq: 12 Nov 2020 14:57

Instrument :
MSVOA_W
ClientSampled :
BG4E3

Tot Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
58 39.1 35.0 52.6
100 4.5 16.6 24.8#



#47
Tetrachloroethene
Concen: 3.777 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017184.D
Acq: 12 Nov 2020 14:57

Tgt Ion: 164 Resp: 16382
Ion Ratio Lower Upper
164 100
129 99.3 62.9 116.7
131 90.1 63.3 117.5
166 129.8 92.0 170.8

