

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017082.D
 Acq On : 04 Nov 2020 19:37
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK03

Quant Time: Nov 05 06:31:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	496409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	463381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221519	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	172313	27.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.24%
7) Chloroethane-d5	2.89	69	126520	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
10) 1,1-Dichloroethene-d2	4.02	63	219011	19.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.32%
20) 2-Butanone-d5	7.08	46	82808	59.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.44%
24) Chloroform-d	7.65	84	305460	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	8.31	65	160312	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.32%
29) Benzene-d6	8.27	84	626831	26.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.24%
33) 1,2-Dichloropropane-d6	9.27	67	174820	26.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.12%
37) Toluene-d8	10.32	98	587251	26.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.56%
38) trans-1,3-Dichloropropene-	10.58	79	76877	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.48%
39) 2-Hexanone-d5	10.93	63	68678	60.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161448	28.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	218488	28.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.00%

Target Compounds

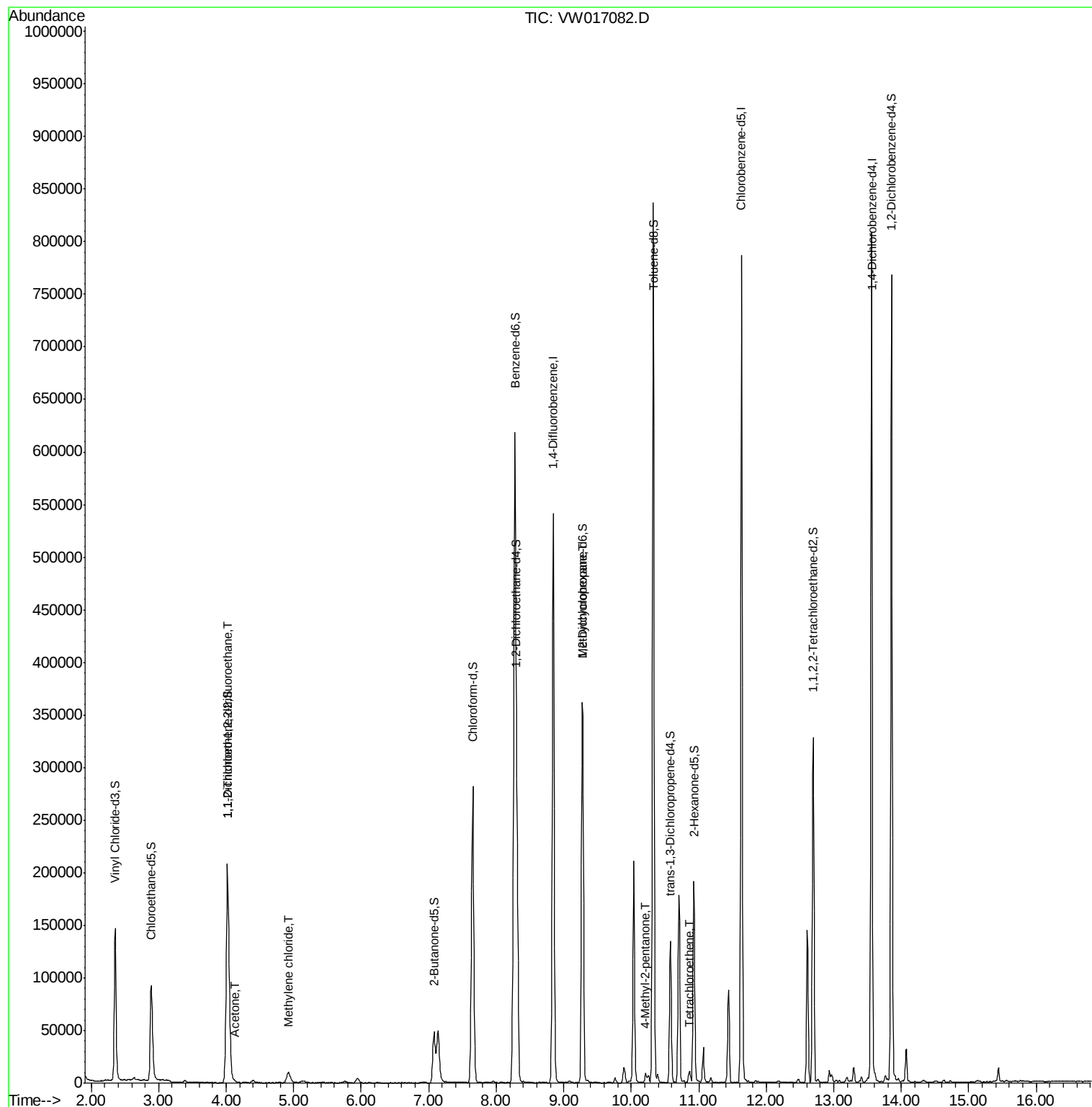
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2578	0.402 ug/L #	18
13) Acetone	4.14	43	300	0.320 ug/L	64
16) Methylene chloride	4.92	84	9459	1.413 ug/L	94
36) Methylcyclohexane	9.27	83	45355	4.135 ug/L #	22
43) 4-Methyl-2-pentanone	10.21	43	5721	1.630 ug/L	98
47) Tetrachloroethene	10.86	164	2305	0.375 ug/L	95

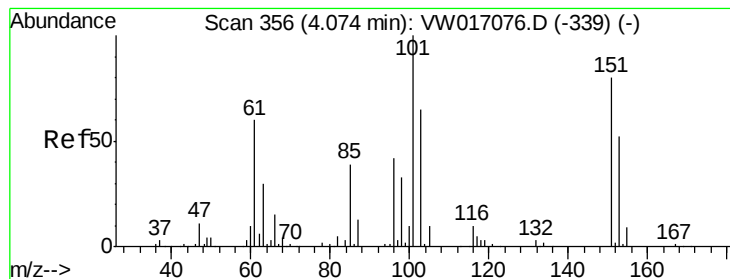
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 16:12:16 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.402 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017082.D

Acq: 04 Nov 2020 19:37

Instrument :

MSVOA_W

ClientSampled :

VIBLK03

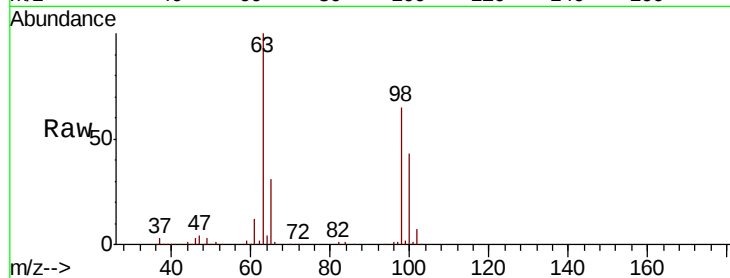
Tot Ion:101 Resp: 2578

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

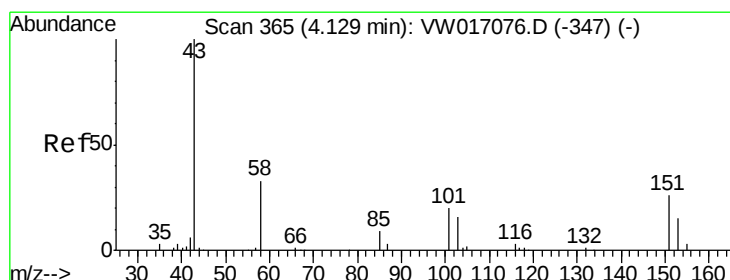
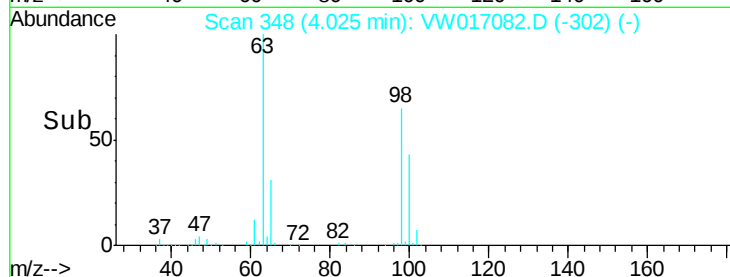
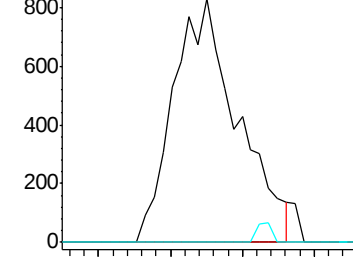
151 1.8 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.320 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017082.D

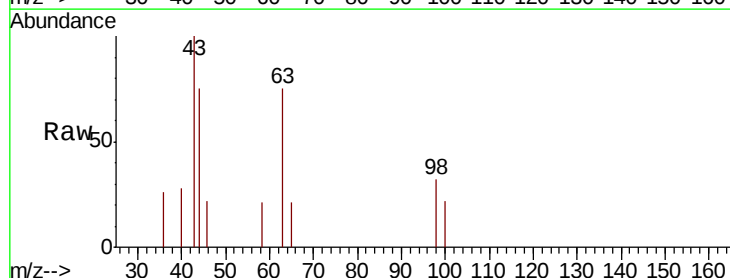
Acq: 04 Nov 2020 19:37

Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

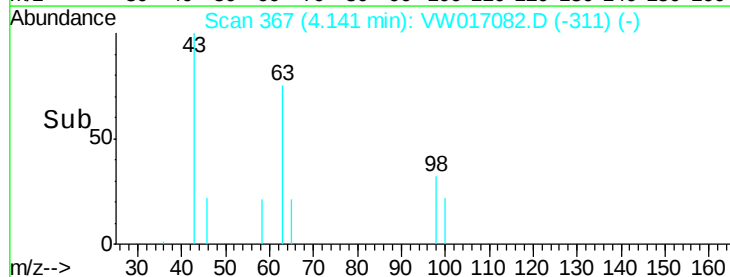
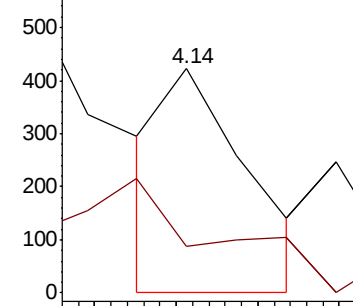
43 100

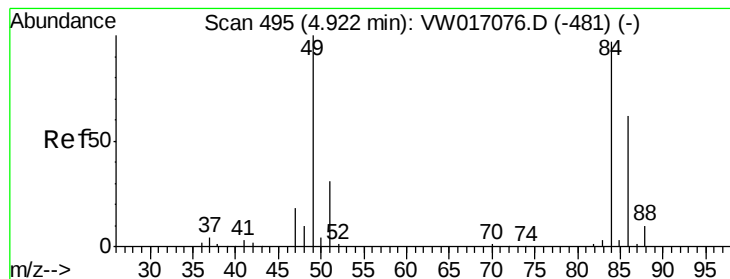
58 55.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#16

Methvlene chloride

Concen: 1.413 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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ClientSampleId :

VIBLK03

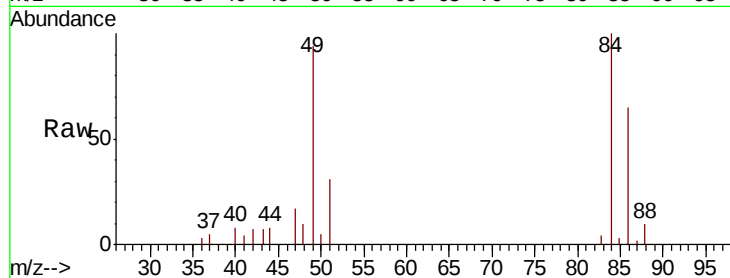
Tot Ion: 84 Resp: 9459

Ion Ratio Lower Upper

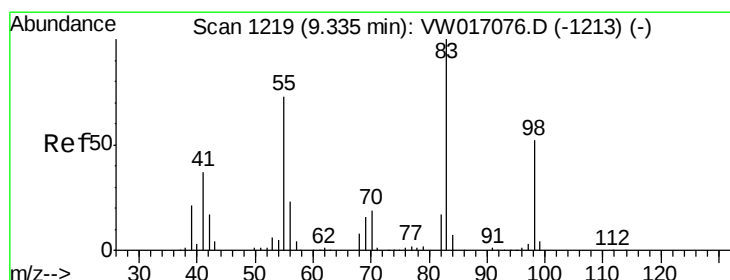
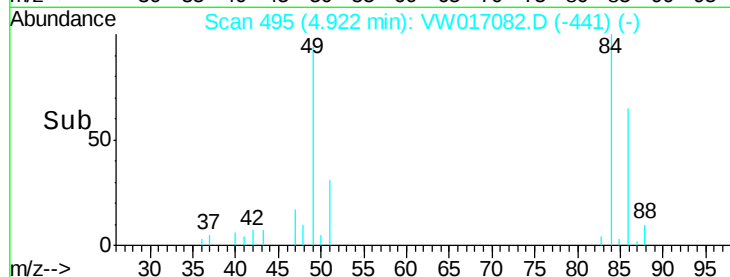
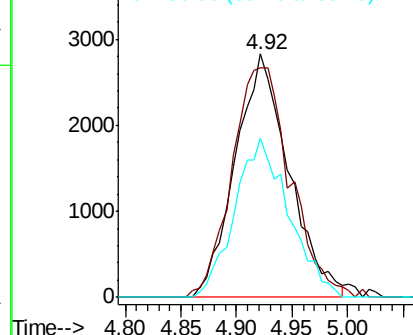
84 100

49 94.4 72.3 134.3

86 65.2 45.1 83.7



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



#36

Methylcyclohexane

Concen: 4.135 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017082.D

Acq: 04 Nov 2020 19:37

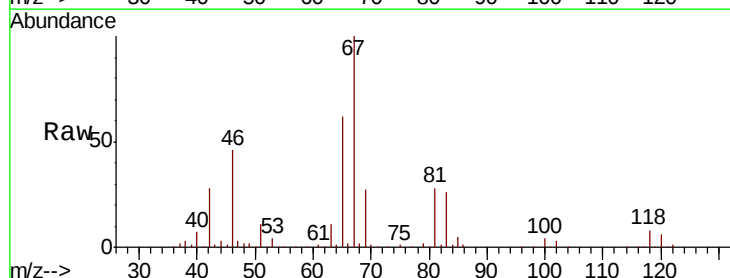
Tgt Ion: 83 Resp: 45355

Ion Ratio Lower Upper

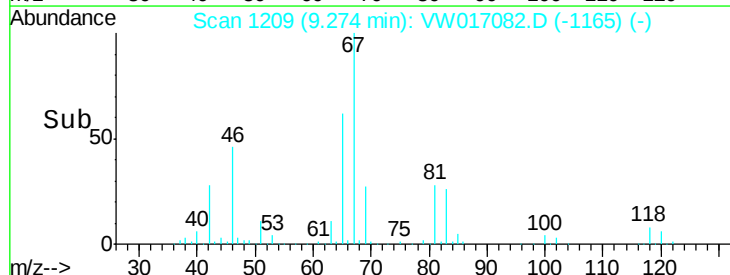
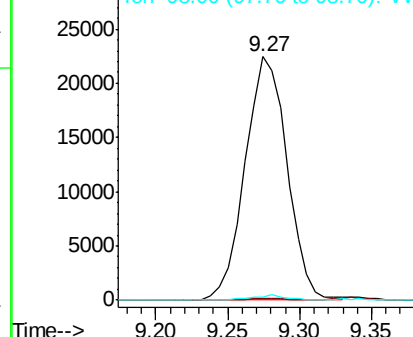
83 100

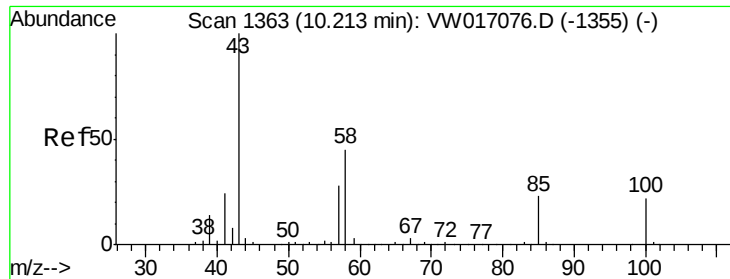
55 0.4 54.4 81.6#

98 1.7 40.5 60.7#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

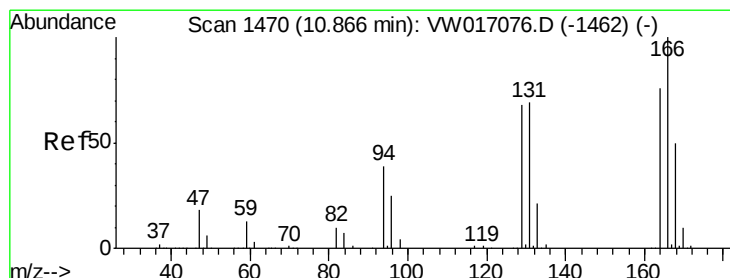
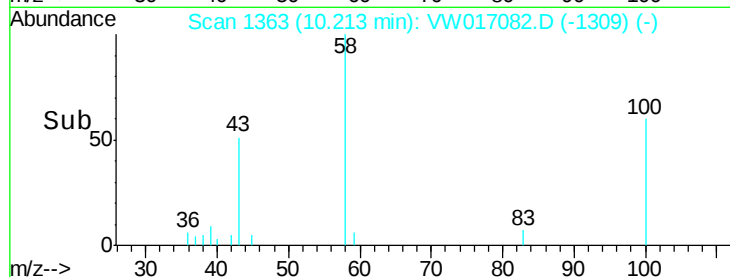
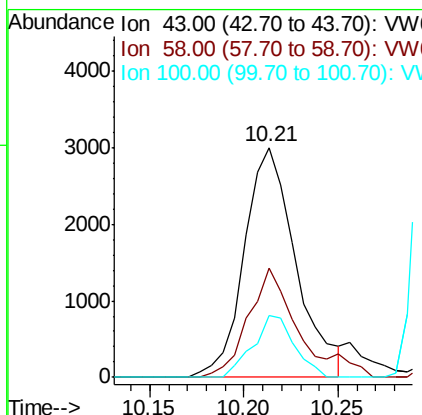
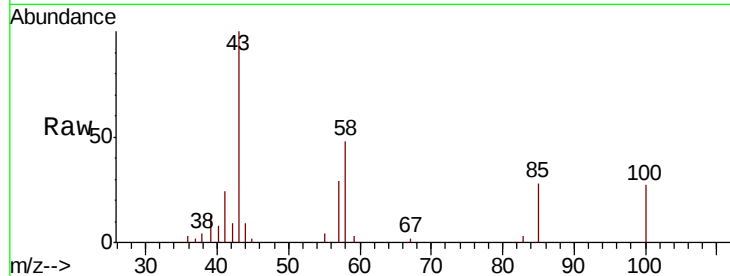




#43
4-Methyl-2-pentanone
Concen: 1.630 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017082.D
Acq: 04 Nov 2020 19:37

Instrument :
MSVOA_W
ClientSampleId :
VIBLK03

Tot Ion: 43 Resp: 5721
Ion Ratio Lower Upper
43 100
58 42.0 35.0 52.6
100 21.6 16.6 24.8



#47
Tetrachloroethene
Concen: 0.375 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW017082.D
Acq: 04 Nov 2020 19:37

Tgt Ion: 164 Resp: 2305
Ion Ratio Lower Upper
164 100
129 86.8 62.9 116.7
131 90.6 63.3 117.5
166 119.7 92.0 170.8

