

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW016990.D
 Acq On : 26 Oct 2020 11:50
 Operator : SY/VA
 Sample : L4502-10
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG437

Manual Integrations
 APPROVED

Quant Time: Oct 27 08:34:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	500034	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	415996	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152429	26.41	ug/L	0.00	MMDadoda
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.64%			
7) Chloroethane-d5	2.89	69	118430	26.49	ug/L	0.00	10/27/2020 3:34:35 PM
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.96%			
10) 1,1-Dichloroethene-d2	4.02	63	219486	19.55	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.20%			
20) 2-Butanone-d5	7.08	46	46583	42.85	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.70%			
24) Chloroform-d	7.65	84	284213	24.64	ug/L	0.00	
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.56%			
26) 1,2-Dichloroethane-d4	8.31	65	126451	23.30	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.20%			
29) Benzene-d6	8.27	84	605185	28.32	ug/L	0.00	
Spiked Amount 25.000	Range 20 - 135		Recovery =	113.28%			
33) 1,2-Dichloropropane-d6	9.27	67	160493	27.83	ug/L	0.00	
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.32%			
37) Toluene-d8	10.32	98	559110	27.79	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 130		Recovery =	111.16%			
38) trans-1,3-Dichloropropene-	10.58	79	56225	22.97	ug/L	0.00	
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.88%			
39) 2-Hexanone-d5	10.93	63	36682	45.29	ug/L	0.00	
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.58%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98659	22.45	ug/L	0.00	
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.80%			
61) 1,2-Dichlorobenzene-d4	13.85	152	144432	27.23	ug/L	0.00	
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.92%			

Target Compounds

					Ovalue
5) Vinyl chloride	2.37	62	4731	0.656 ug/L #	7
13) Acetone	4.13	43	5541m	7.575 ug/L	
14) Carbon disulfide	4.39	76	15242	0.768 ug/L	97
16) Methylene chloride	4.92	84	5874m	0.888 ug/L	
34) Benzene	8.32	78	15636	0.680 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1764	0.725 ug/L	99
47) Tetrachloroethene	10.87	164	24597	4.201 ug/L	97

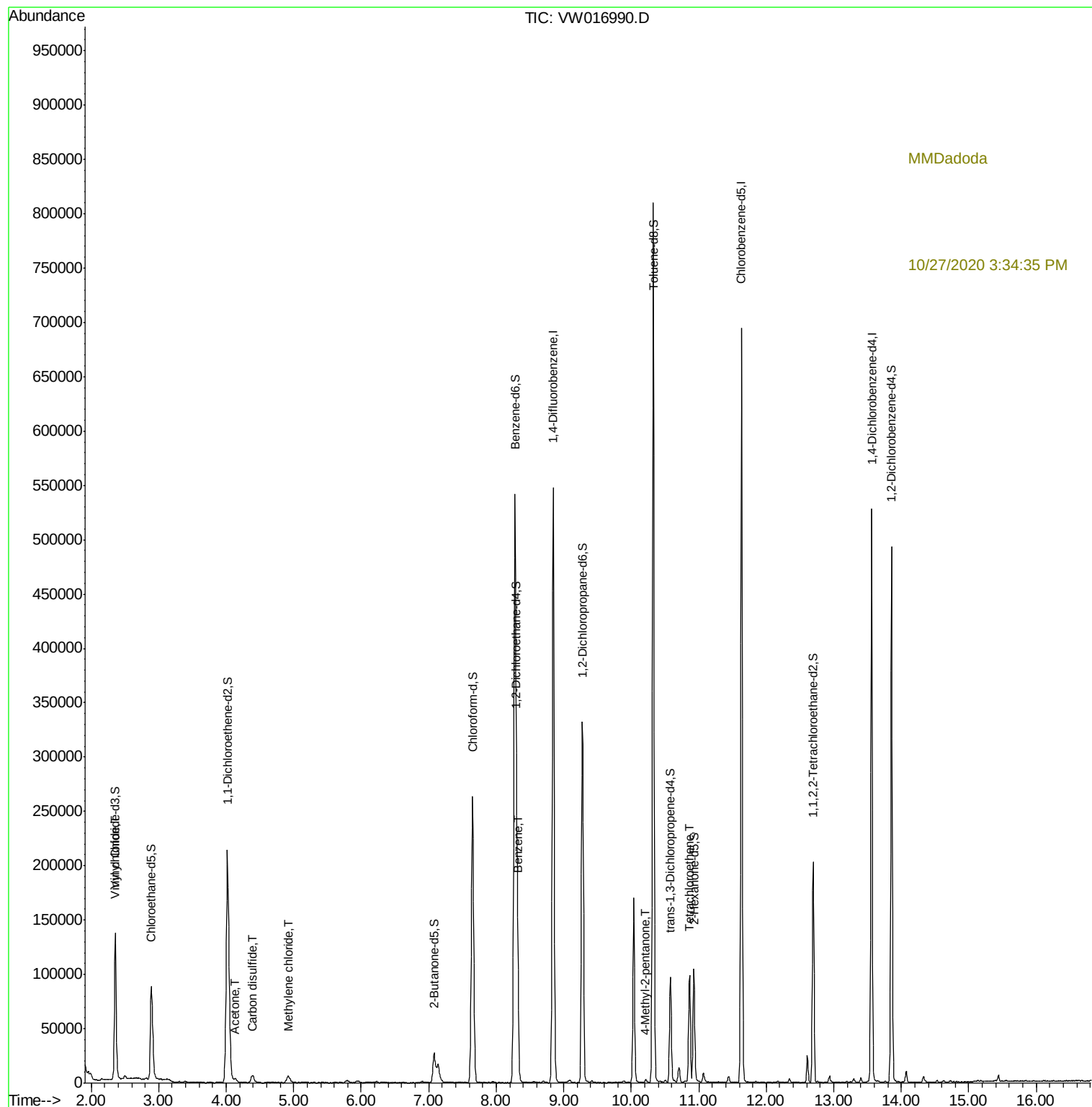
(#) = qualifier out of range (m) = manual integration (+) = signals summed

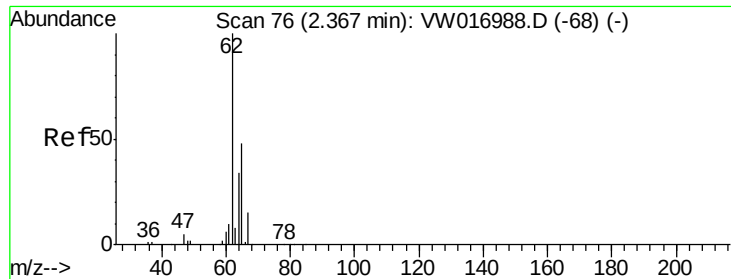
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102620\
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Quant Title : VOC Analysis
QLast Update : Tue Oct 27 08:16:51 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.656 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016990.D

Acq: 26 Oct 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

BG437

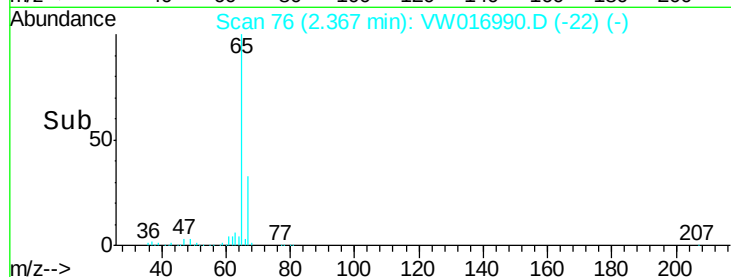
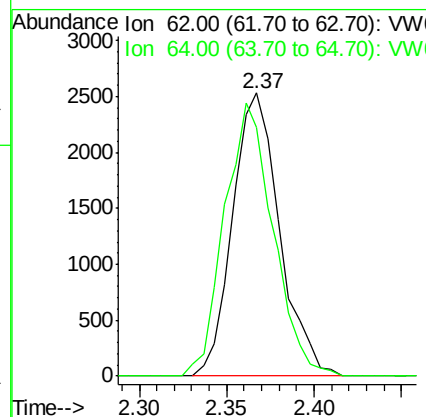
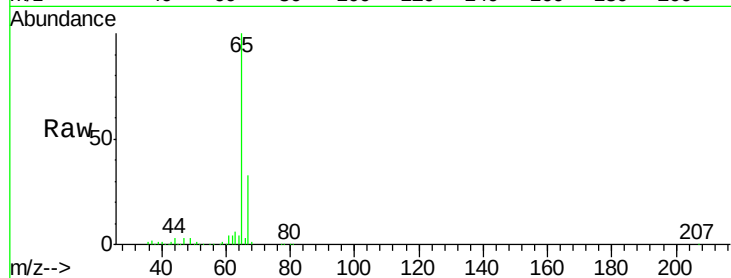
Tot Ion: 62 Resp: 4731

Ion Ratio Lower Upper

62 100

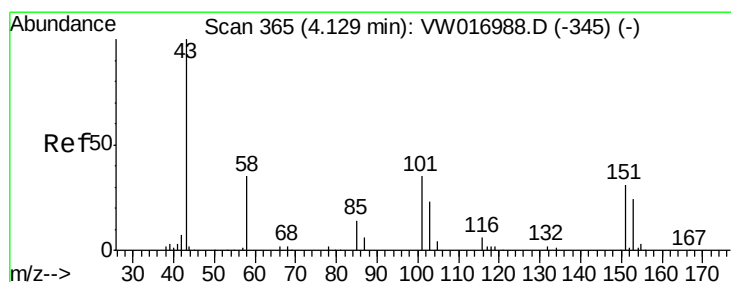
64 87.7 24.1 44.7#

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#13

Acetone

Concen: 7.575 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW016990.D

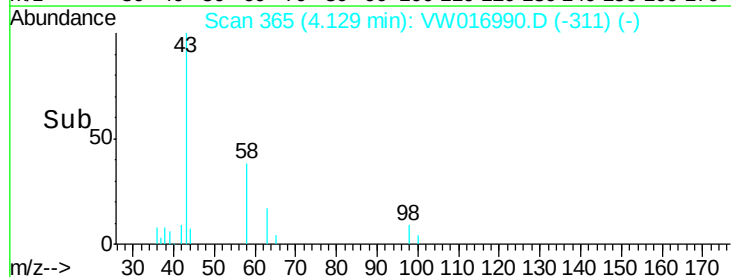
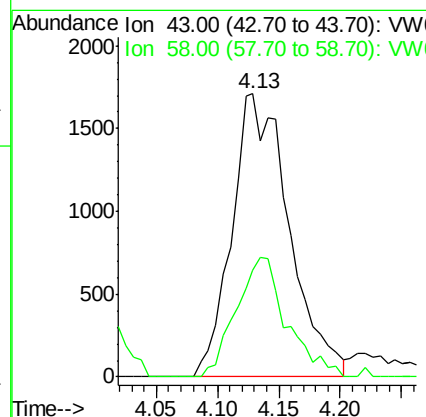
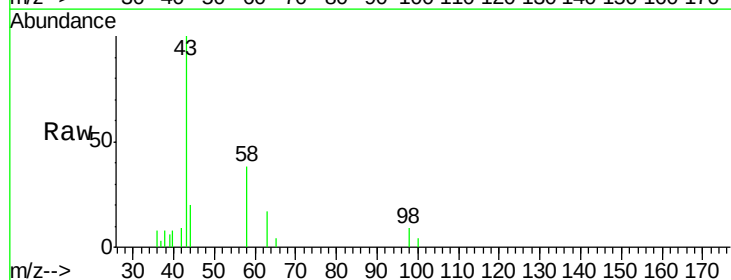
Acq: 26 Oct 2020 11:50

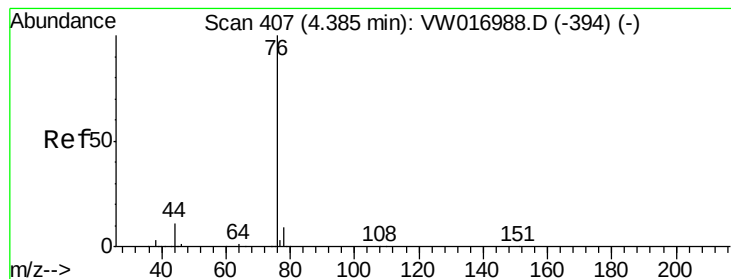
Tgt Ion: 43 Resp: 5541

Ion Ratio Lower Upper

43 100

58 37.4 0.0 69.8





#14

Carbon disulfide

Concen: 0.768 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW016990.D

Acq: 26 Oct 2020 11:50

Instrument :

MSVOA_W

ClientSampled :

BG437

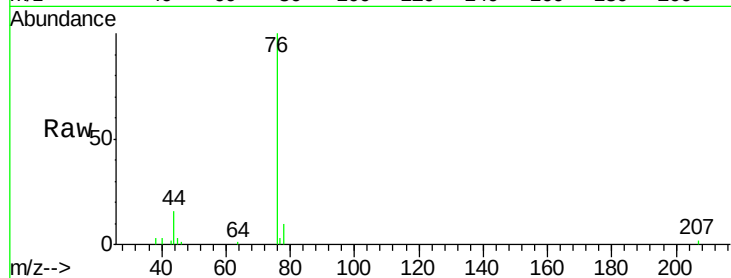
Tot Ion: 76 Resp: 15242

Ion Ratio Lower Upper

76 100

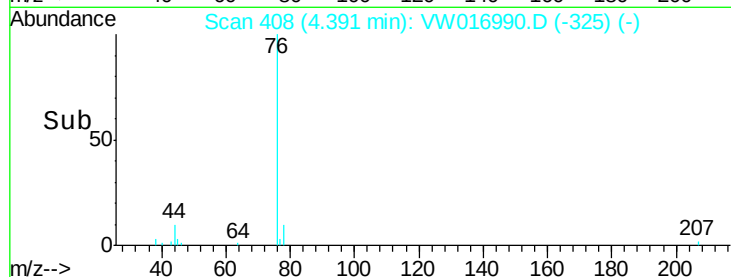
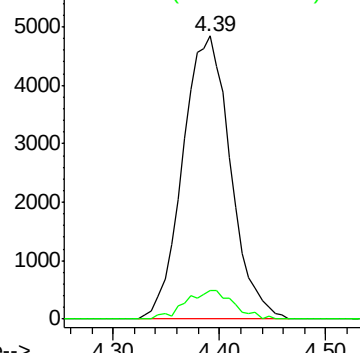
78 10.3 7.3 10.9

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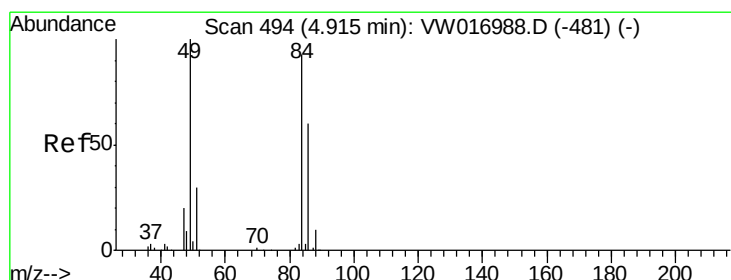
Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



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#16

Methylene chloride

Concen: 0.888 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016990.D

Acq: 26 Oct 2020 11:50

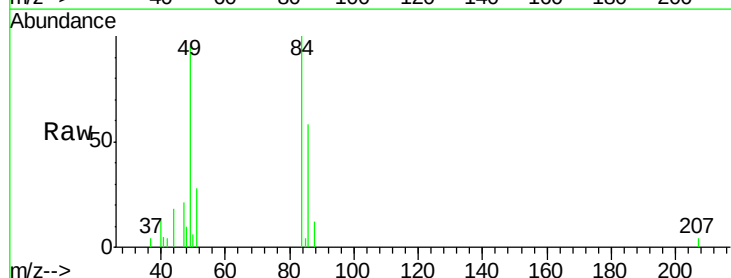
Tgt Ion: 84 Resp: 5874

Ion Ratio Lower Upper

84 100

49 95.3 73.8 137.0

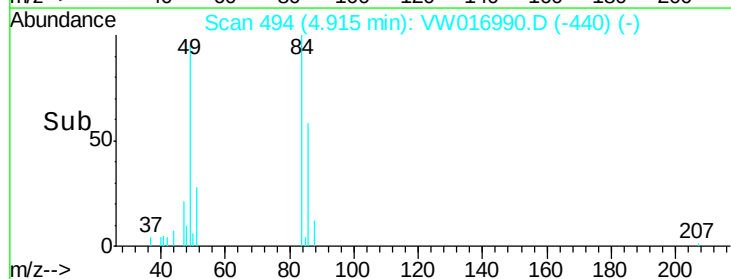
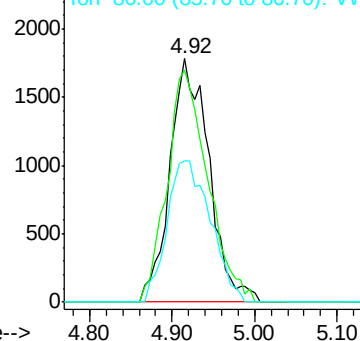
86 58.2 47.4 88.0

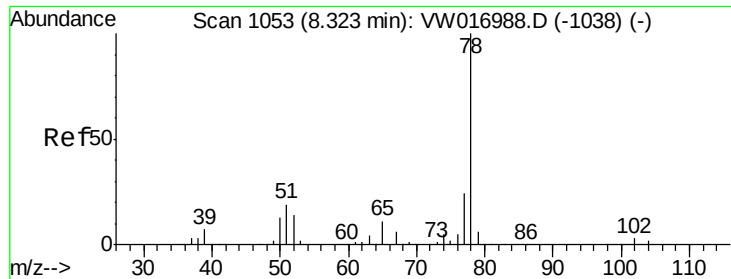


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 0.680 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW016990.D

Acq: 26 Oct 2020 11:50

Instrument :

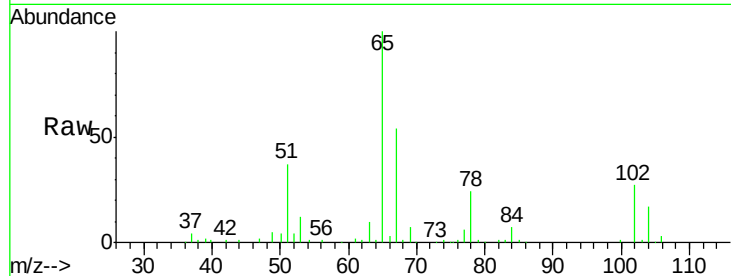
MSVOA_W

ClientSampled :

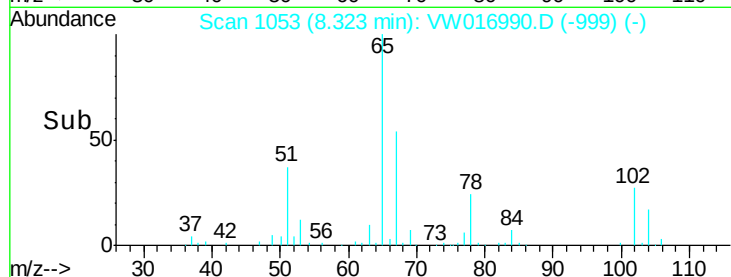
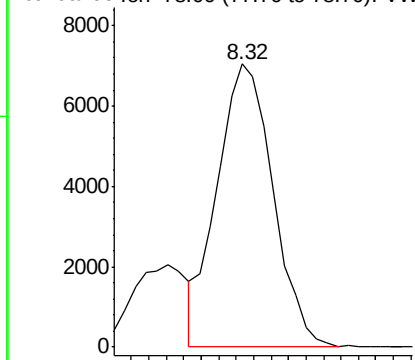
BG437

Tgt Ion: 78 Resp: 15636

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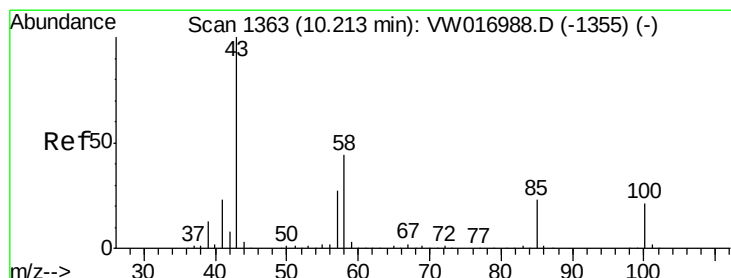


Abundance Ion 78.00 (77.70 to 78.70): VW



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#43

4-Methyl-2-pentanone

Concen: 0.725 ug/L

RT: 10.21 min Scan# 1362

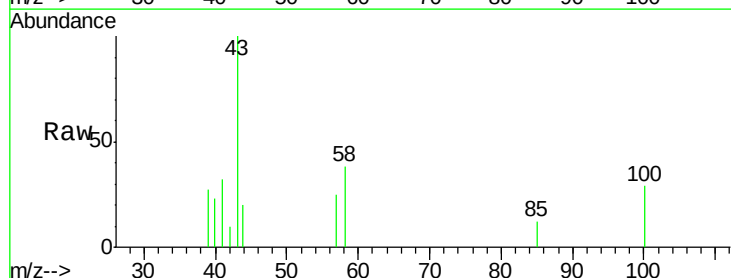
Delta R.T. -0.01 min

Lab File: VW016990.D

Acq: 26 Oct 2020 11:50

Tgt Ion: 43 Resp: 1764

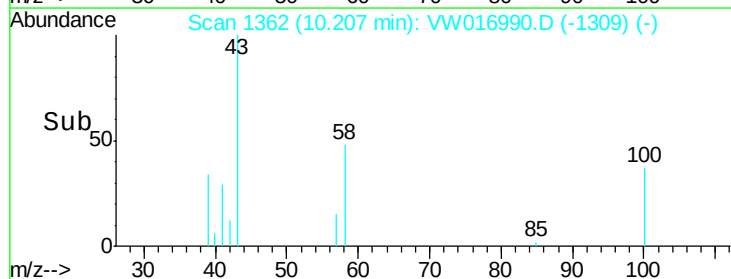
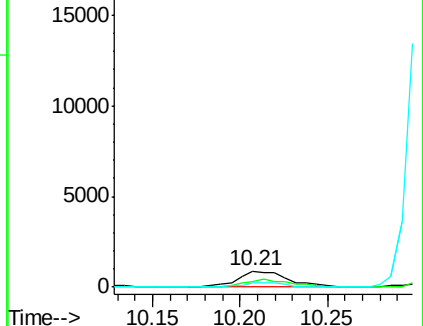
Ion	Ratio	Lower	Upper
43	100		
58	42.7	34.4	51.6
100	20.8	16.2	24.2

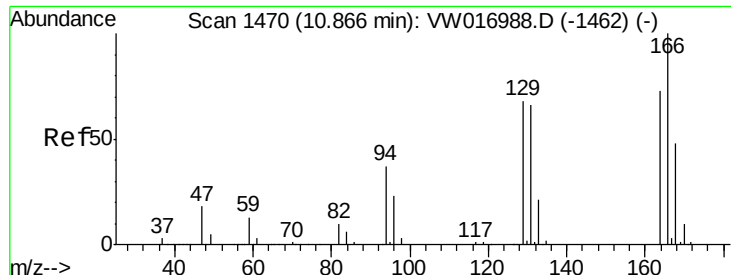


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW



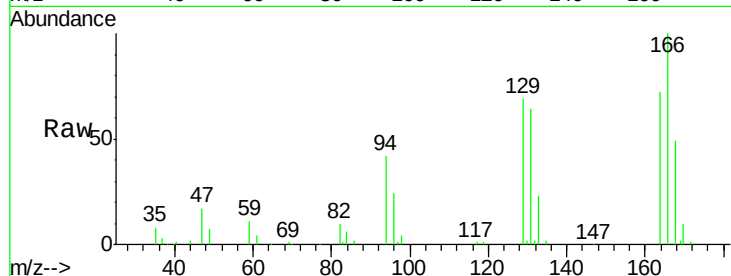


#47
 Tetrachloroethene
 Concen: 4.201 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016990.D
 Acq: 26 Oct 2020 11:50

Instrument :
 MSVOA_W
 ClientSampleId :
 BG437

Tot Ion	Ratio	Lower	Upper
164	100		
129	95.7	64.0	119.0
131	89.9	61.7	114.5
166	139.5	94.6	175.8

Manual Integrations
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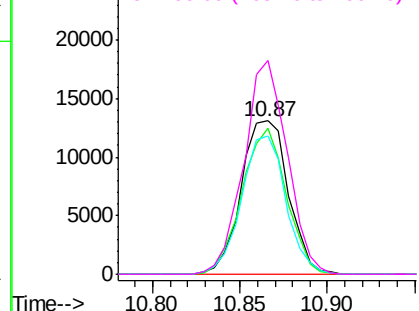
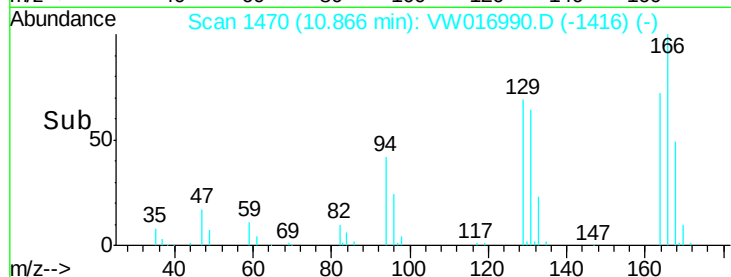
Abundance

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



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