

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017056.D
 Acq On : 03 Nov 2020 13:59
 Operator : SY/VA
 Sample : L4615-12
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG484

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:06 AM

Quant Time: Nov 04 04:53:26 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	557902	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	479892	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	219361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136183	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
7) Chloroethane-d5	2.90	69	115668	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.02	63	203810	16.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.08	46	44200	36.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.88%
24) Chloroform-d	7.65	84	281653	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	8.31	65	127262	21.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.04%
29) Benzene-d6	8.28	84	588184	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	9.28	67	158190	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	10.33	98	558609	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	10.58	79	55207	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.20%
39) 2-Hexanone-d5	10.93	63	36784	39.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100196	19.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	183899	23.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
13) Acetone	4.12	43	10829	13.268	ug/L 98
14) Carbon disulfide	4.39	76	95723	4.323	ug/L 98
16) Methylene chloride	4.92	84	17213	2.334	ug/L 89
21) 2-Butanone	7.19	43	3148	2.305	ug/L 86
22) cis-1,2-Dichloroethene	7.16	96	2016m	0.261	ug/L
35) Trichloroethene	9.10	95	100556	13.695	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	2174	0.775	ug/L # 83
47) Tetrachloroethene	10.87	164	10850289	1606.513	ug/L 91

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

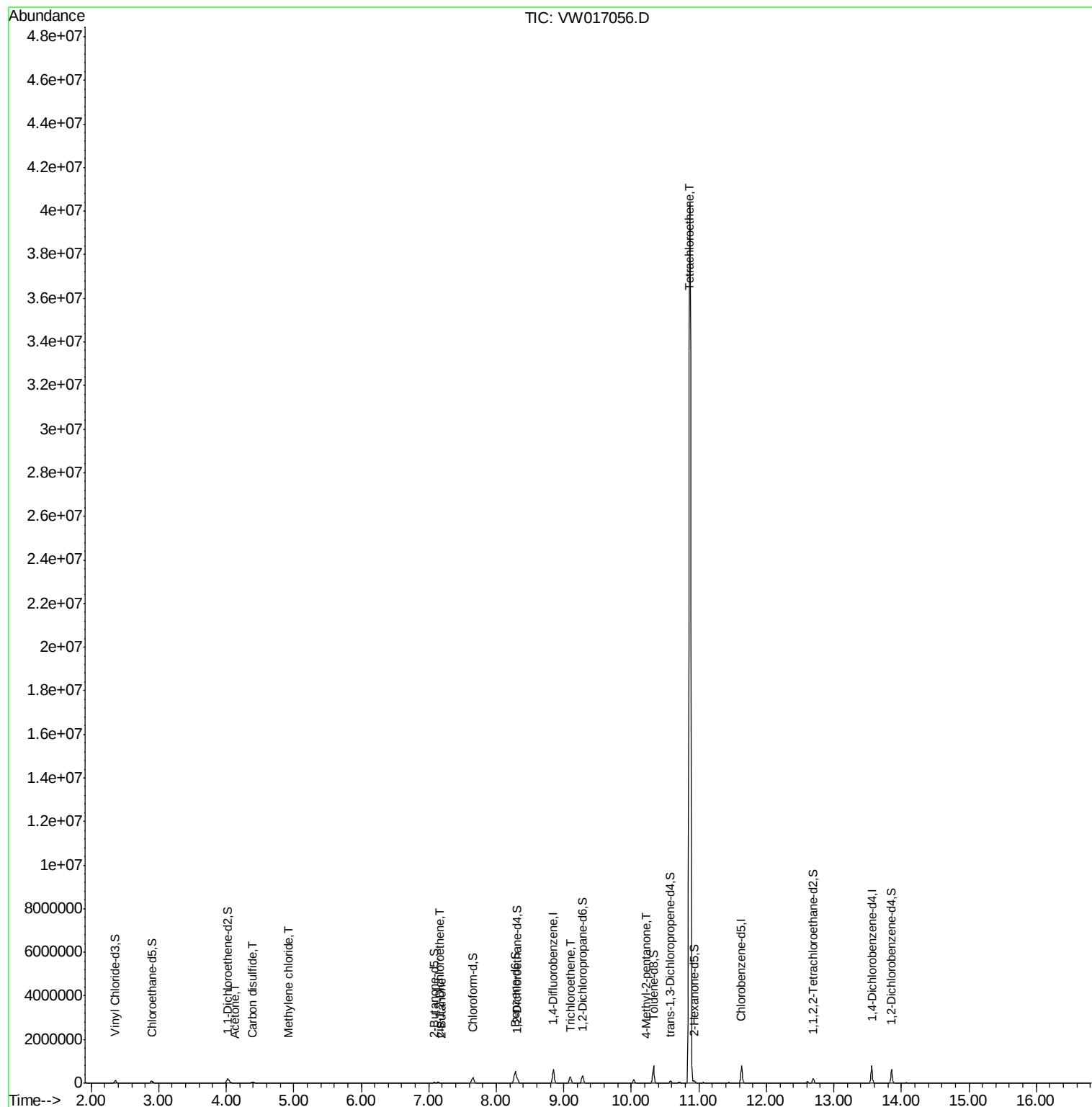
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017056.D
Acq On : 03 Nov 2020 13:59
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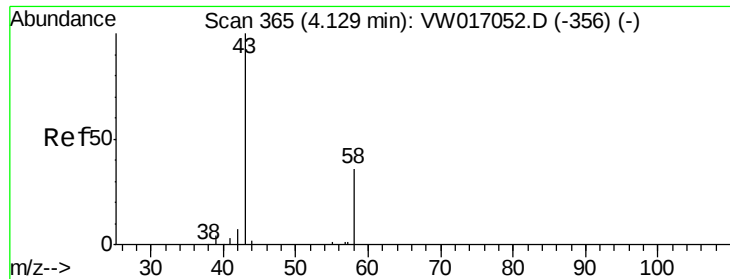
Instrument :
MSVOA_W
ClientSampleId :
BG484

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11/9/2020 10:02:06 AM

Quant Time: Nov 04 04:53:26 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: 13.268 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017056.D

Acq: 03 Nov 2020 13:59

Instrument :

MSVOA_W

ClientSampled :

BG484

Tot Ion: 43 Resp: 10829

Ion Ratio Lower Upper

43 100

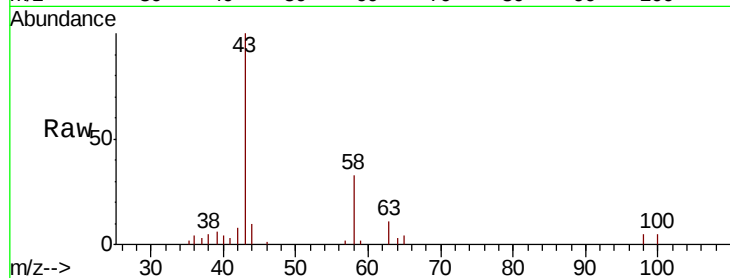
58 36.3 0.0 69.8

Manual Integrations

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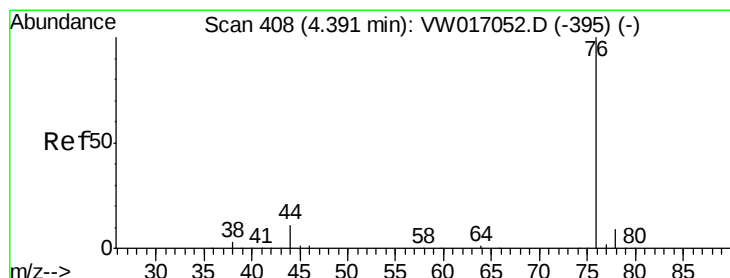
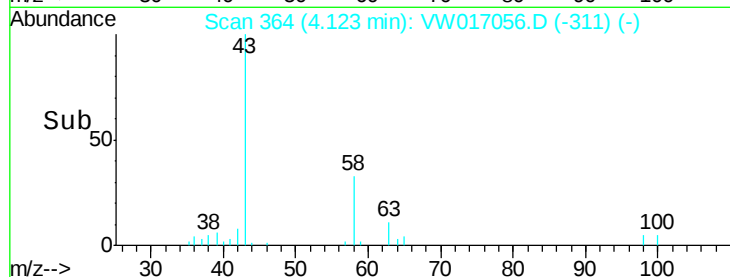
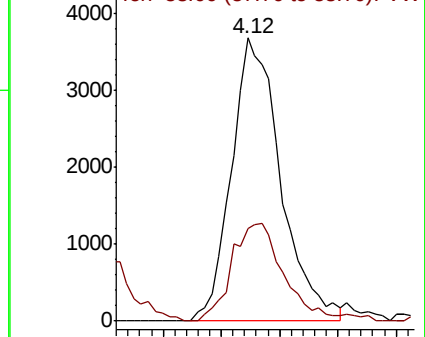
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 4.323 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017056.D

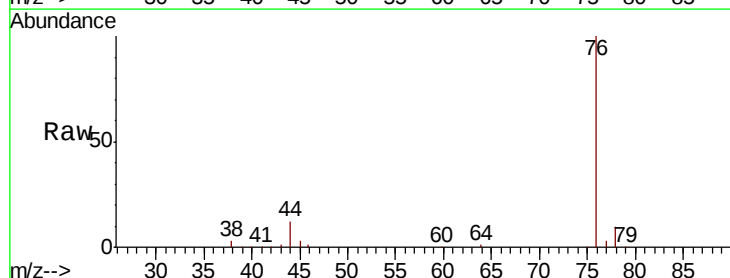
Acq: 03 Nov 2020 13:59

Tgt Ion: 76 Resp: 95723

Ion Ratio Lower Upper

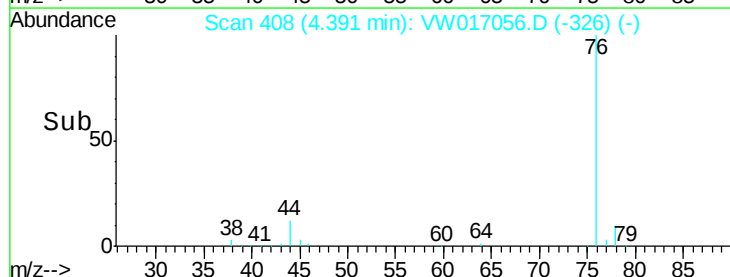
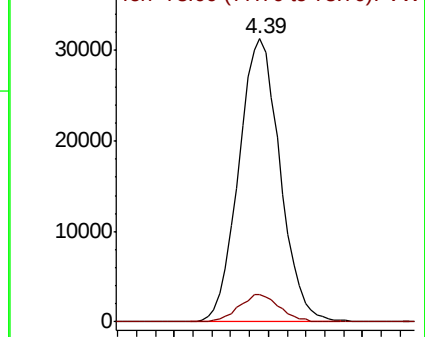
76 100

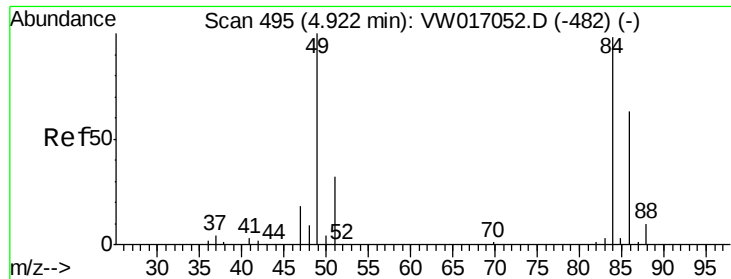
78 9.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





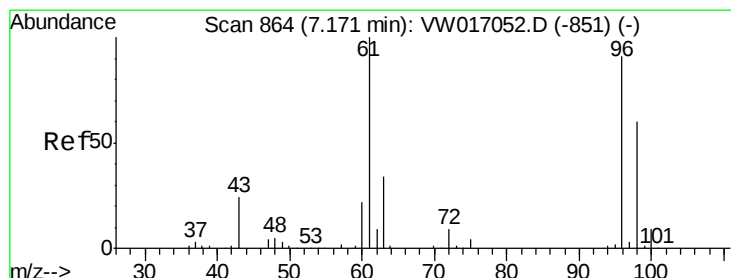
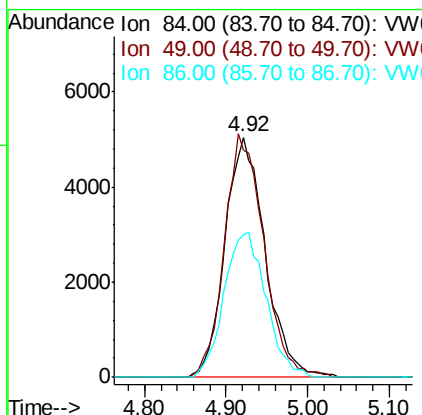
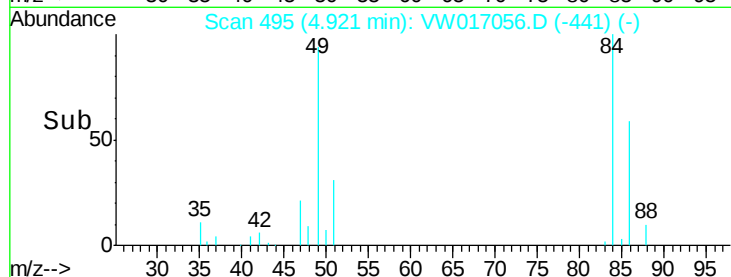
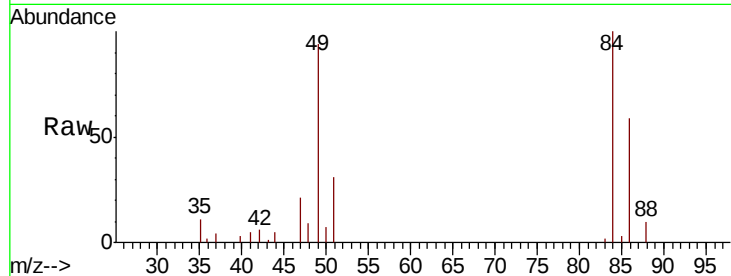
#16
Methvlene chloride
Concen: 2.334 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017056.D
Acq: 03 Nov 2020 13:59

Instrument :
MSVOA_W
ClientSampleId :
BG484

Tot Ion	Ratio	Lower	Upper
84	100		
49	94.2	73.8	137.0
86	59.0	47.4	88.0

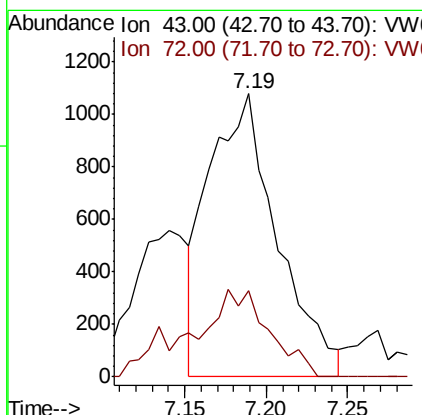
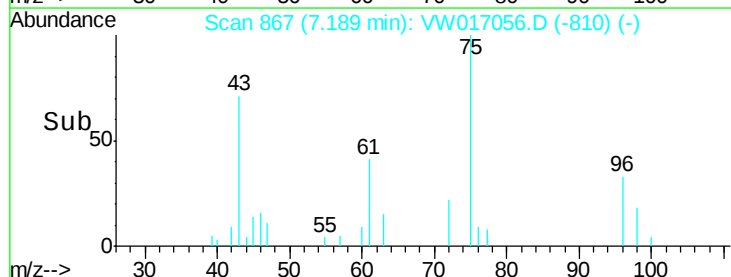
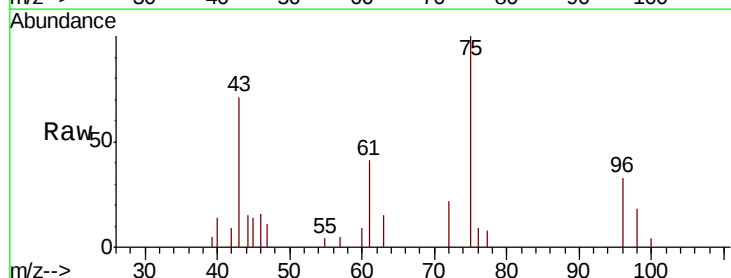
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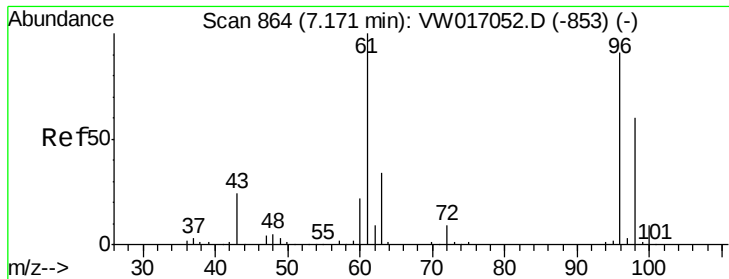
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#21
2-Butanone
Concen: 2.305 ug/L
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW017056.D
Acq: 03 Nov 2020 13:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.5	16.1	48.2





#22

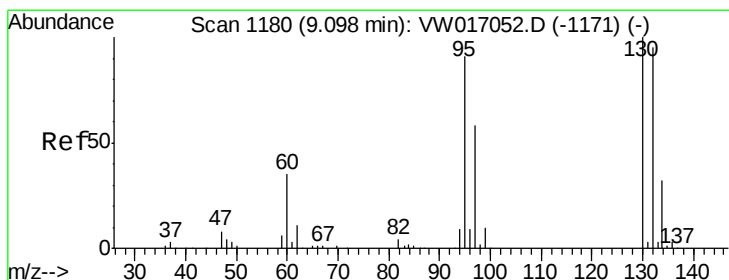
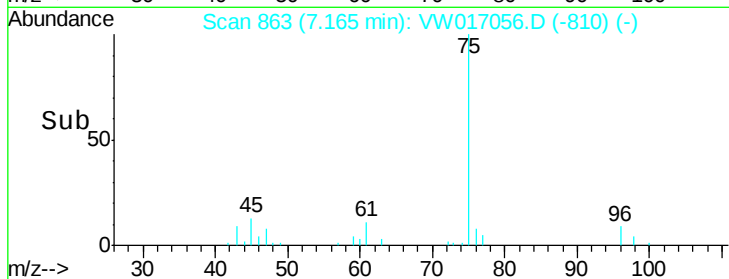
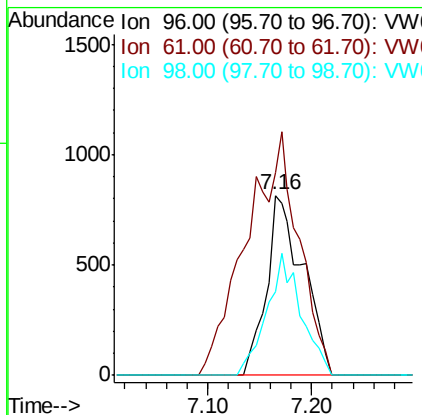
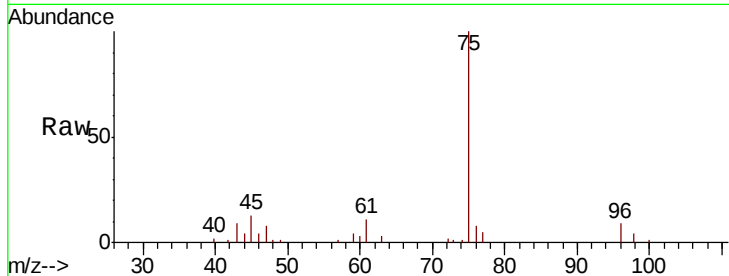
cis-1,2-Dichloroethene
Concen: 0.261 ug/L m
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW017056.D
Acq: 03 Nov 2020 13:59

Instrument :
MSVOA_W
ClientSampled :
BG484

Tot Ion	Ratio	Lower	Upper
96	100		
61	112.5	77.4	143.8
98	46.6	44.4	82.5

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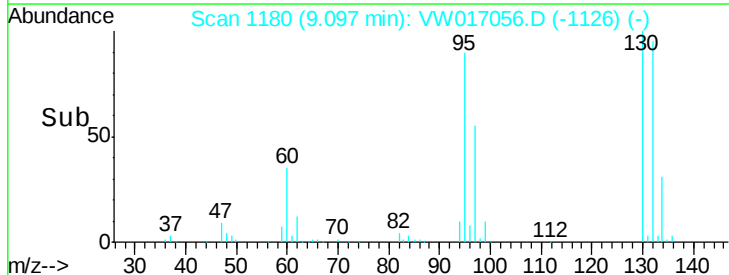
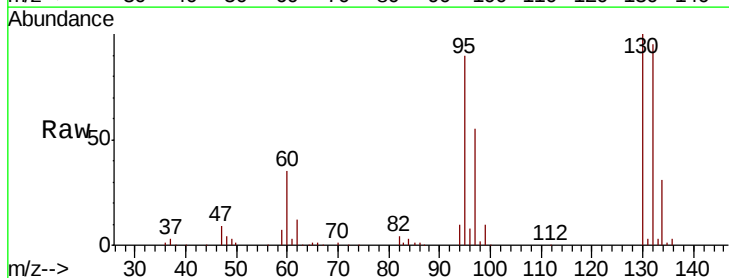
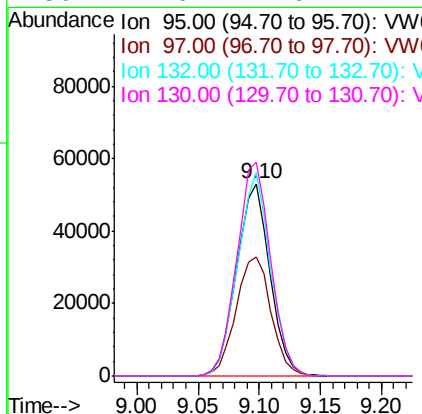
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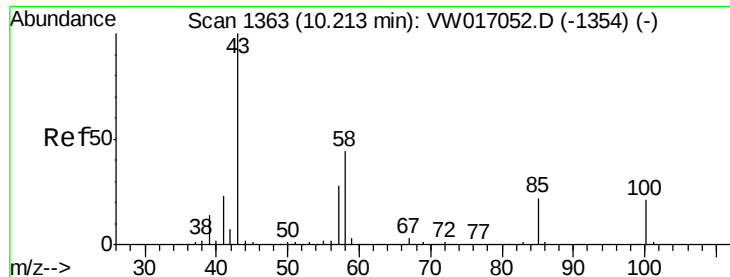


#35

Trichloroethene
Concen: 13.695 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW017056.D
Acq: 03 Nov 2020 13:59

Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.0	85.4
132	104.7	73.9	137.3
130	112.6	77.6	144.2





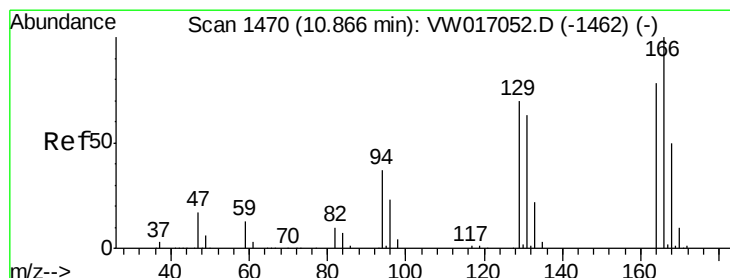
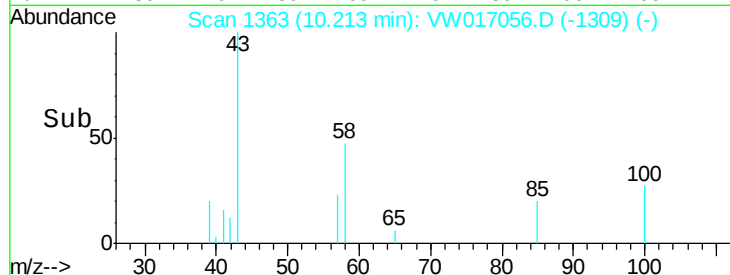
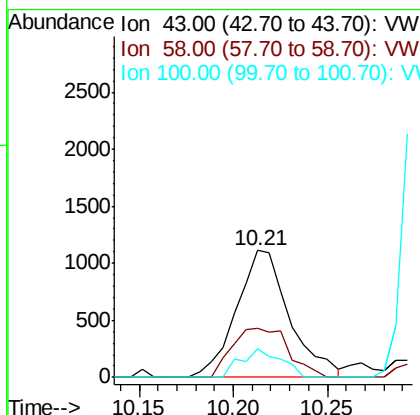
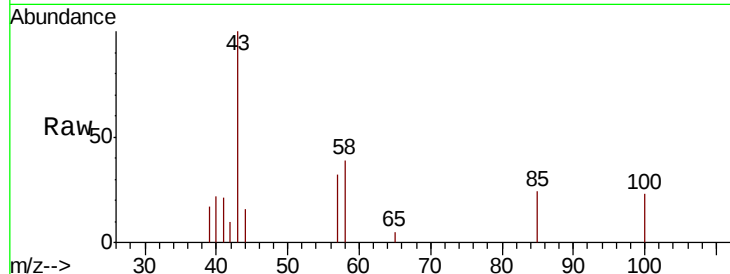
#43
4-Methyl-2-pentanone
Concen: 0.775 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017056.D
Acq: 03 Nov 2020 13:59

Instrument :
MSVOA_W
ClientSampled :
BG484

Tot Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 28.8 34.4 51.6#
100 17.2 16.2 24.2

Manual Integrations
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11/9/2020 10:02:06 AM



#47
Tetrachloroethene
Concen: 1606.513 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW017056.D
Acq: 03 Nov 2020 13:59

Tgt Ion: 164 Resp: 10850289
Ion Ratio Lower Upper
164 100
129 92.8 64.0 119.0
131 94.3 61.7 114.5
166 117.5 94.6 175.8

