

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017066.D
 Acq On : 03 Nov 2020 17:54
 Operator : SY/VA
 Sample : L4615-11
 Misc : 5.47G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG483

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:02:22 AM

Quant Time: Nov 04 05:58:24 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	127812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	122046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49132	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	30787	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.48%
7) Chloroethane-d5	2.89	69	27252	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.36%
10) 1,1-Dichloroethene-d2	4.02	63	44431	15.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.96%
20) 2-Butanone-d5	7.09	46	14527	52.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.56%
24) Chloroform-d	7.65	84	67616	22.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	8.31	65	35211	25.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.52%
29) Benzene-d6	8.28	84	133512	21.30	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.20%
33) 1,2-Dichloropropane-d6	9.27	67	39669	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	10.33	98	124507	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.36%
38) trans-1,3-Dichloropropene-	10.58	79	14139	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.76%
39) 2-Hexanone-d5	10.93	63	11271	47.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	30634	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	40421	23.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.64%

Target Compounds

					Ovalue
13) Acetone	4.14	43	2269m	12.135	ug/L
16) Methylene chloride	4.93	84	4380	2.592	ug/L
17) Methyl tert-butyl Ether	5.43	73	2602	1.427	ug/L #
22) cis-1,2-Dichloroethene	7.18	96	654m	0.370	ug/L
35) Trichloroethene	9.10	95	53547	28.676	ug/L
43) 4-Methyl-2-pentanone	10.21	43	1466	2.054	ug/L
47) Tetrachloroethene	10.87	164	446529	259.964	ug/L

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

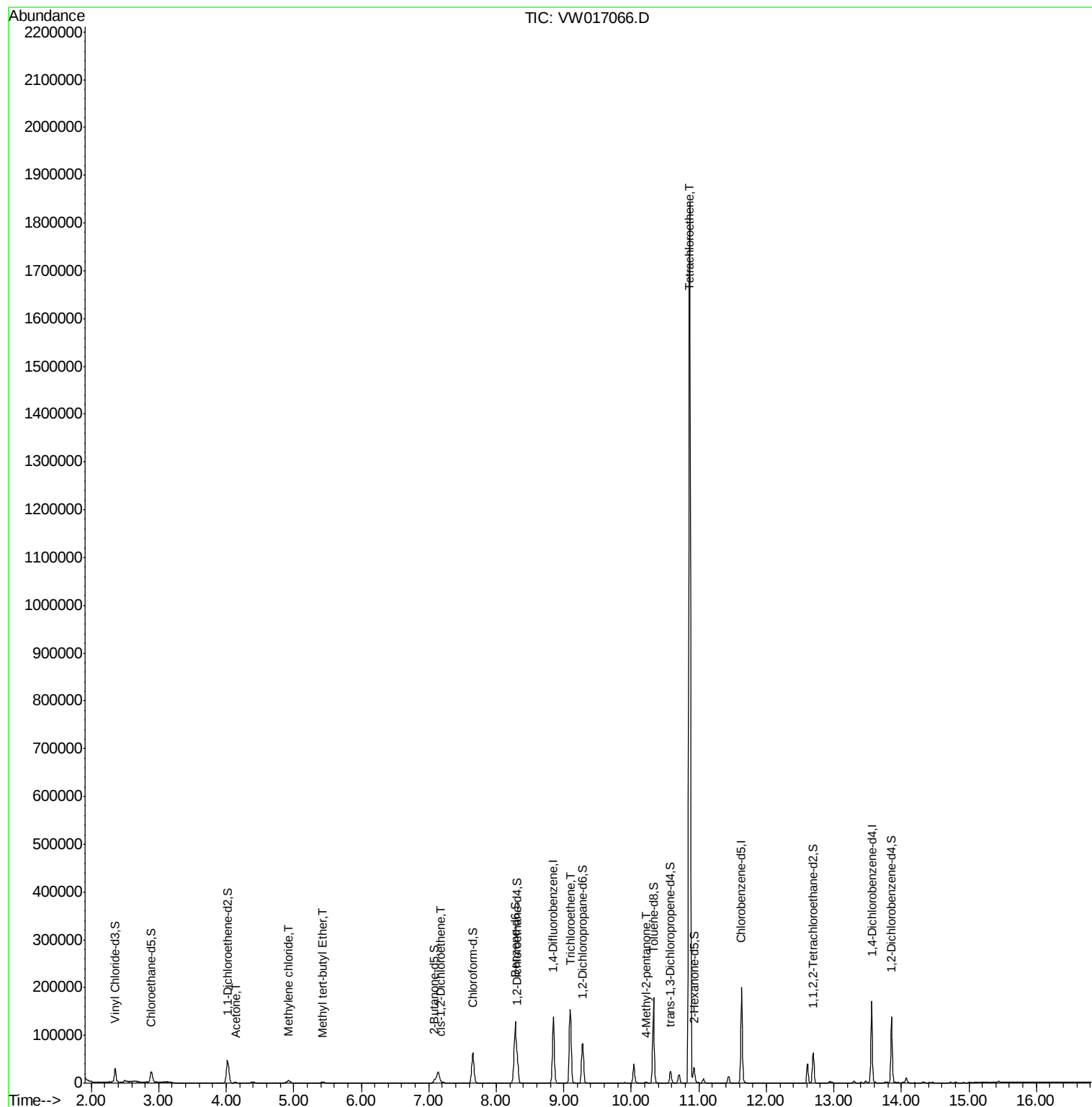
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017066.D
Acq On : 03 Nov 2020 17:54
Operator : SY/VA
Sample : L4615-11
Misc : 5.47G/10ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

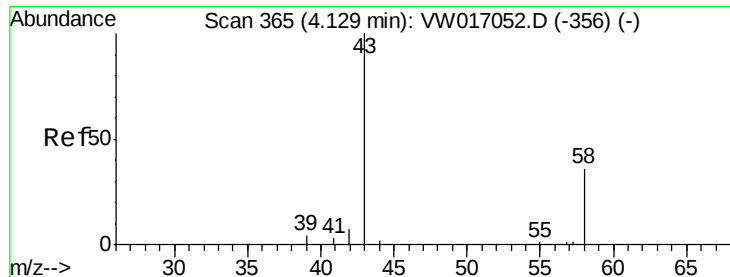
Instrument :
MSVOA_W
ClientSampleId :
BG483

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11/9/2020 10:02:22 AM

Quant Time: Nov 04 05:58:24 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: 12.135 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017066.D

Acq: 03 Nov 2020 17:54

Tot Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

58 31.8 0.0 69.8

Instrument :

MSVOA_W

ClientSampled :

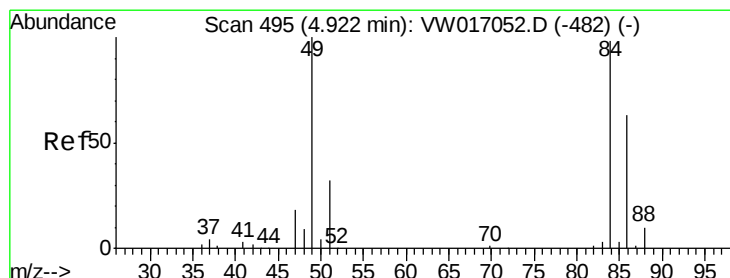
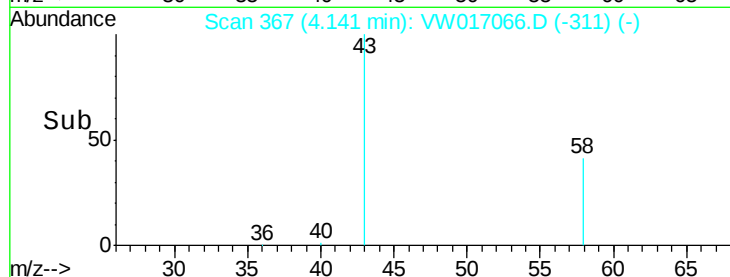
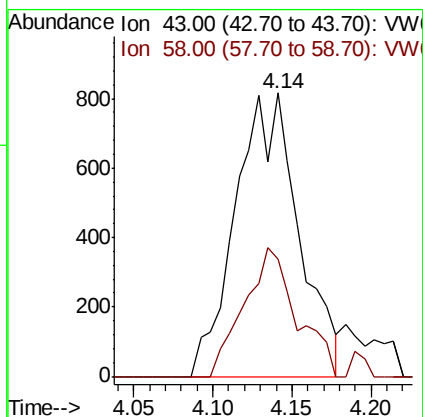
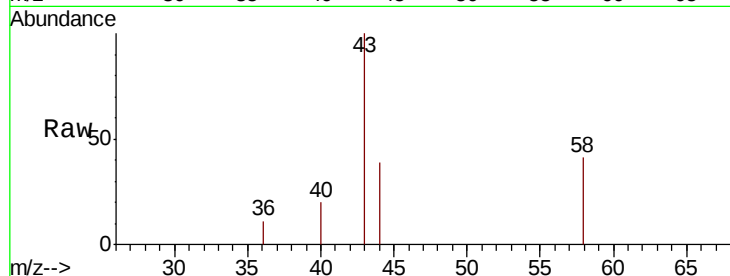
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Manual Integrations

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#16

Methylene chloride

Concen: 2.592 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017066.D

Acq: 03 Nov 2020 17:54

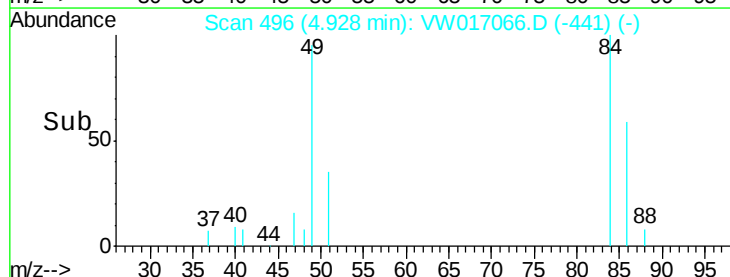
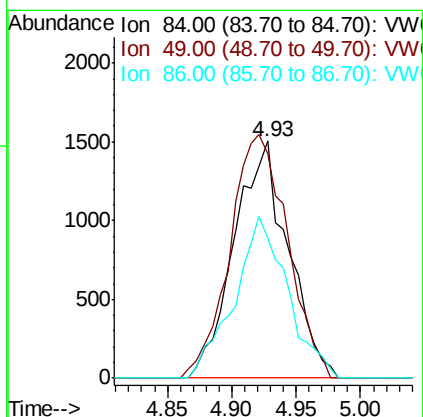
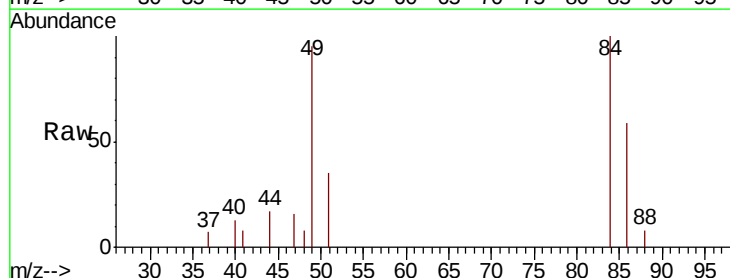
Tgt Ion: 84 Resp: 4380

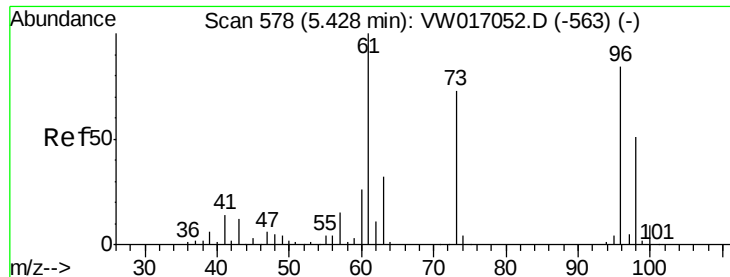
Ion Ratio Lower Upper

84 100

49 94.8 73.8 137.0

86 59.2 47.4 88.0





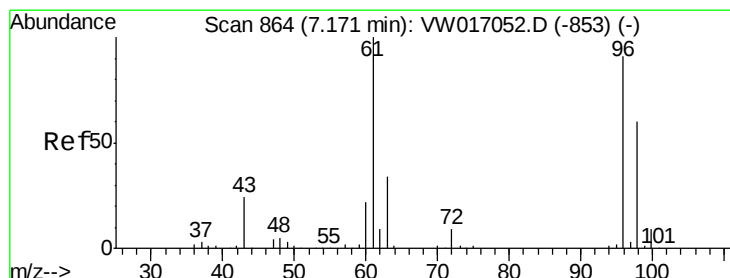
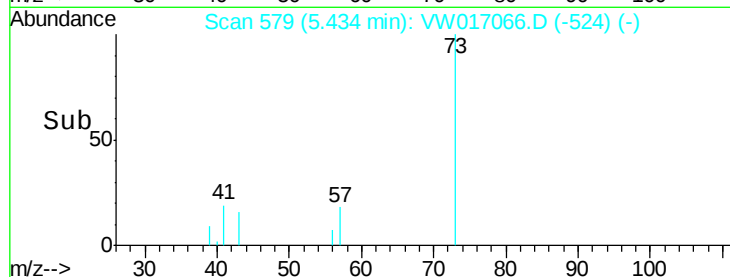
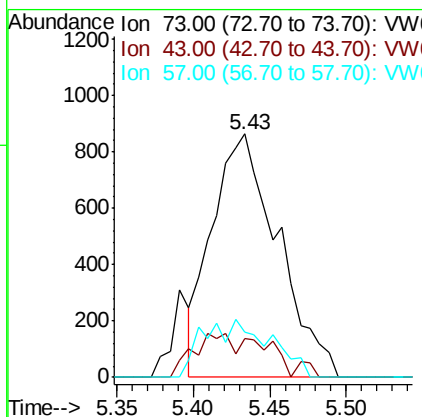
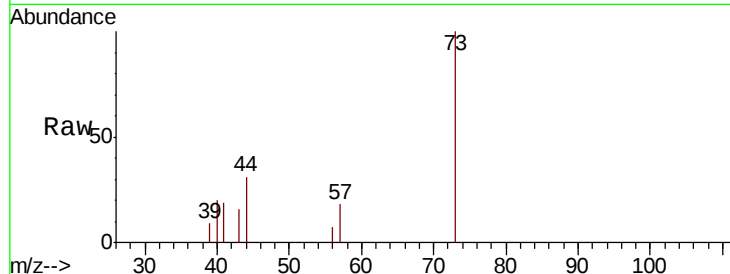
#17
Methvl tert-butvl Ether
Concen: 1.427 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW017066.D
Acq: 03 Nov 2020 17:54

Instrument :
MSVOA_W
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
73	100		
43	5.1	14.4	21.6#
57	3.9	16.6	25.0#

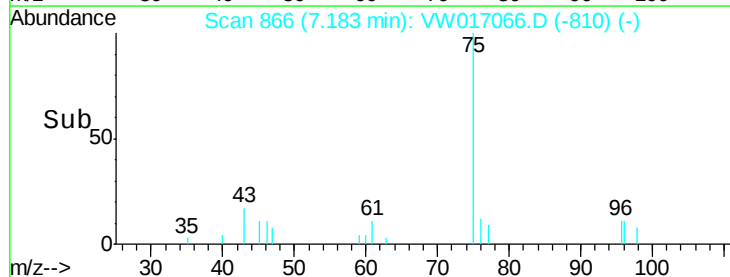
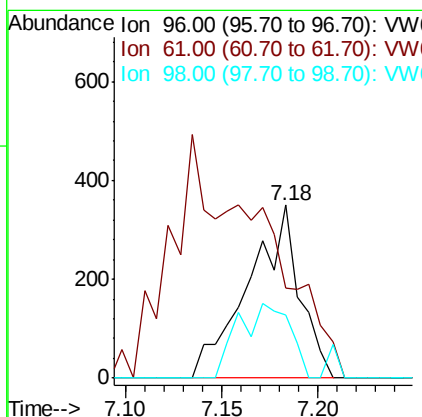
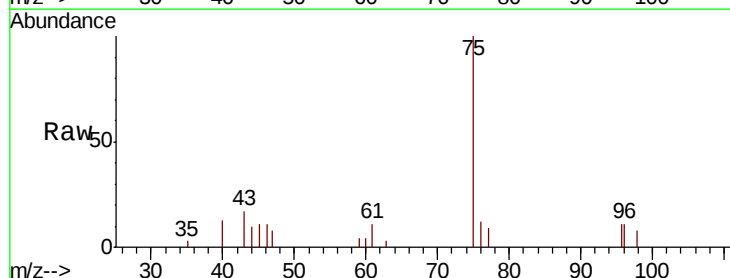
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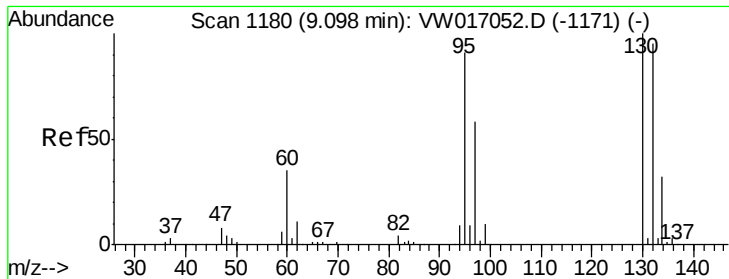
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#22
cis-1,2-Dichloroethene
Concen: 0.370 ug/L m
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017066.D
Acq: 03 Nov 2020 17:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	102.3	77.4	143.8
98	72.3	44.4	82.5





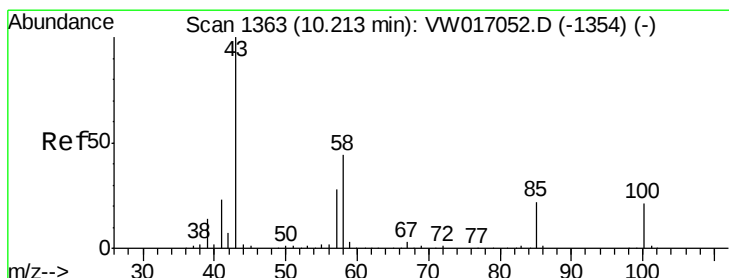
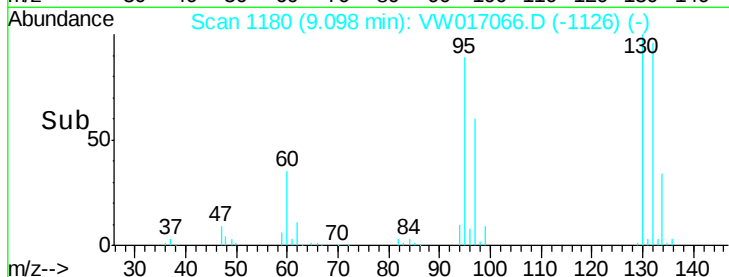
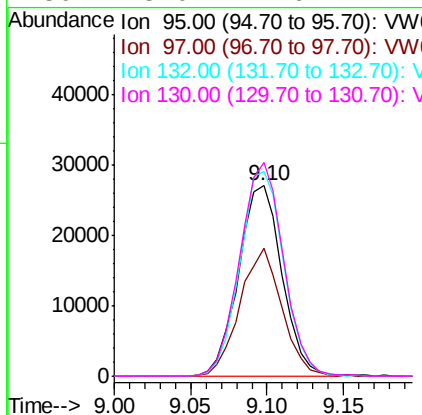
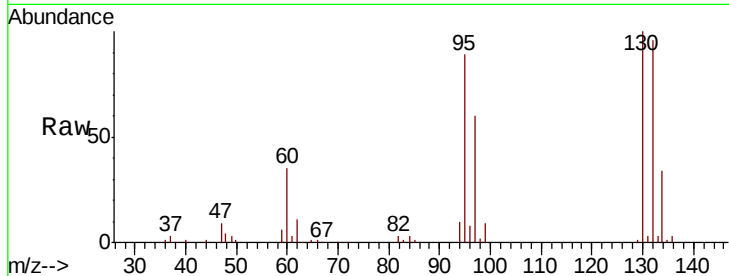
#35
 Trichloroethene
 Concen: 28.676 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW017066.D
 Acq: 03 Nov 2020 17:54

Instrument :
 MSVOA_W
 ClientSampleId :
 BG483

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		53547		
97	64.9	46.0	85.4		
132	108.6	73.9	137.3		
130	113.0	77.6	144.2		

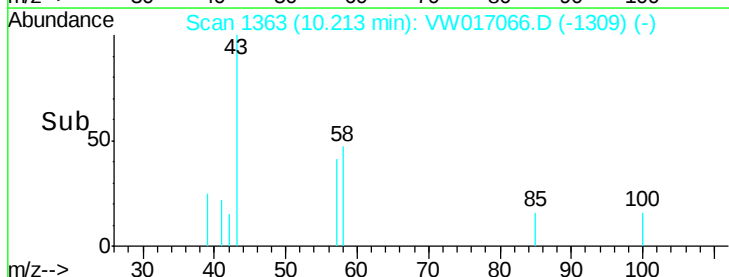
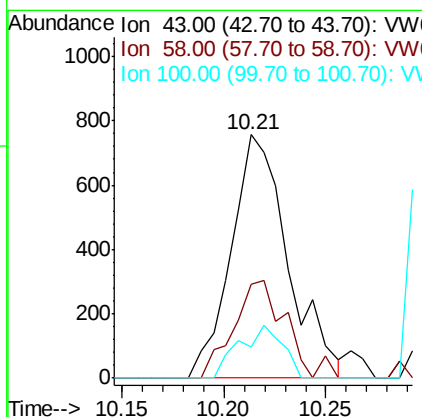
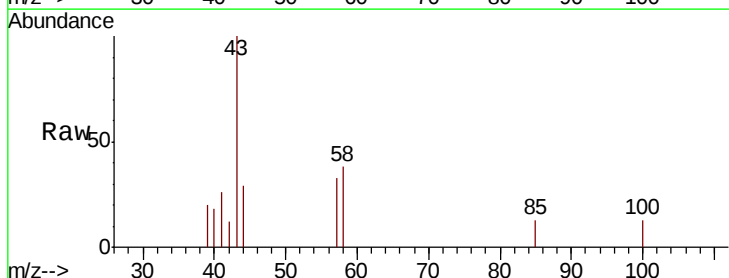
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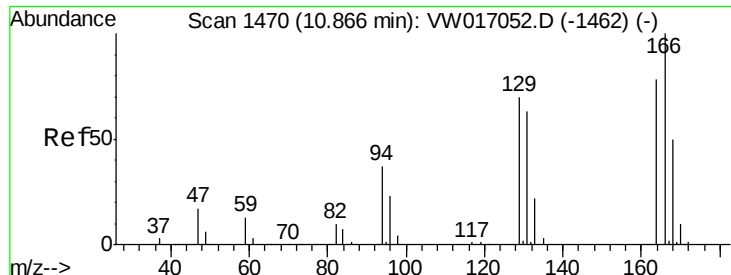
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#43
 4-Methyl-2-pentanone
 Concen: 2.054 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017066.D
 Acq: 03 Nov 2020 17:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		1466		
58	35.0	34.4	51.6		
100	16.6	16.2	24.2		





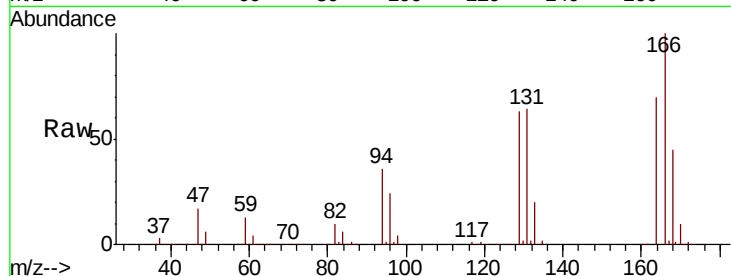
#47
 Tetrachloroethene
 Concen: 259.964 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW017066.D
 Acq: 03 Nov 2020 17:54

Instrument :
 MSVOA_W
 ClientSampled :
 BG483

Tot Ion:	164	Resp:	446529
Ion Ratio	Lower	Upper	
164	100		
129	90.0	64.0	119.0
131	92.3	61.7	114.5
166	143.8	94.6	175.8

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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

