

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017299.D
 Acq On : 17 Nov 2020 21:11
 Operator : SY/VA
 Sample : L4738-05
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X2

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:09:49 AM

Quant Time: Nov 18 05:02:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	382007	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	66227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90663	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
7) Chloroethane-d5	2.89	69	82036	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	4.02	63	131477	15.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.12%
20) 2-Butanone-d5	7.08	46	64044	59.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.04%
24) Chloroform-d	7.65	84	216491	24.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	8.31	65	123915	27.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.80%
29) Benzene-d6	8.27	84	398169	28.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.40%
33) 1,2-Dichloropropane-d6	9.27	67	118561	31.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.24%#
37) Toluene-d8	10.33	98	332323	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.16%
38) trans-1,3-Dichloropropene-	10.58	79	47255	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.84%
39) 2-Hexanone-d5	10.93	63	48606	72.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.94%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96498	29.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	54704	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

					Ovalue
13) Acetone	4.12	43	6549m	9.090	ug/L
14) Carbon disulfide	4.39	76	3302	0.256	ug/L
16) Methylene chloride	4.93	84	9829	1.908	ug/L
22) cis-1,2-Dichloroethene	7.17	96	24651	4.750	ug/L
35) Trichloroethene	9.09	95	60250	15.115	ug/L

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

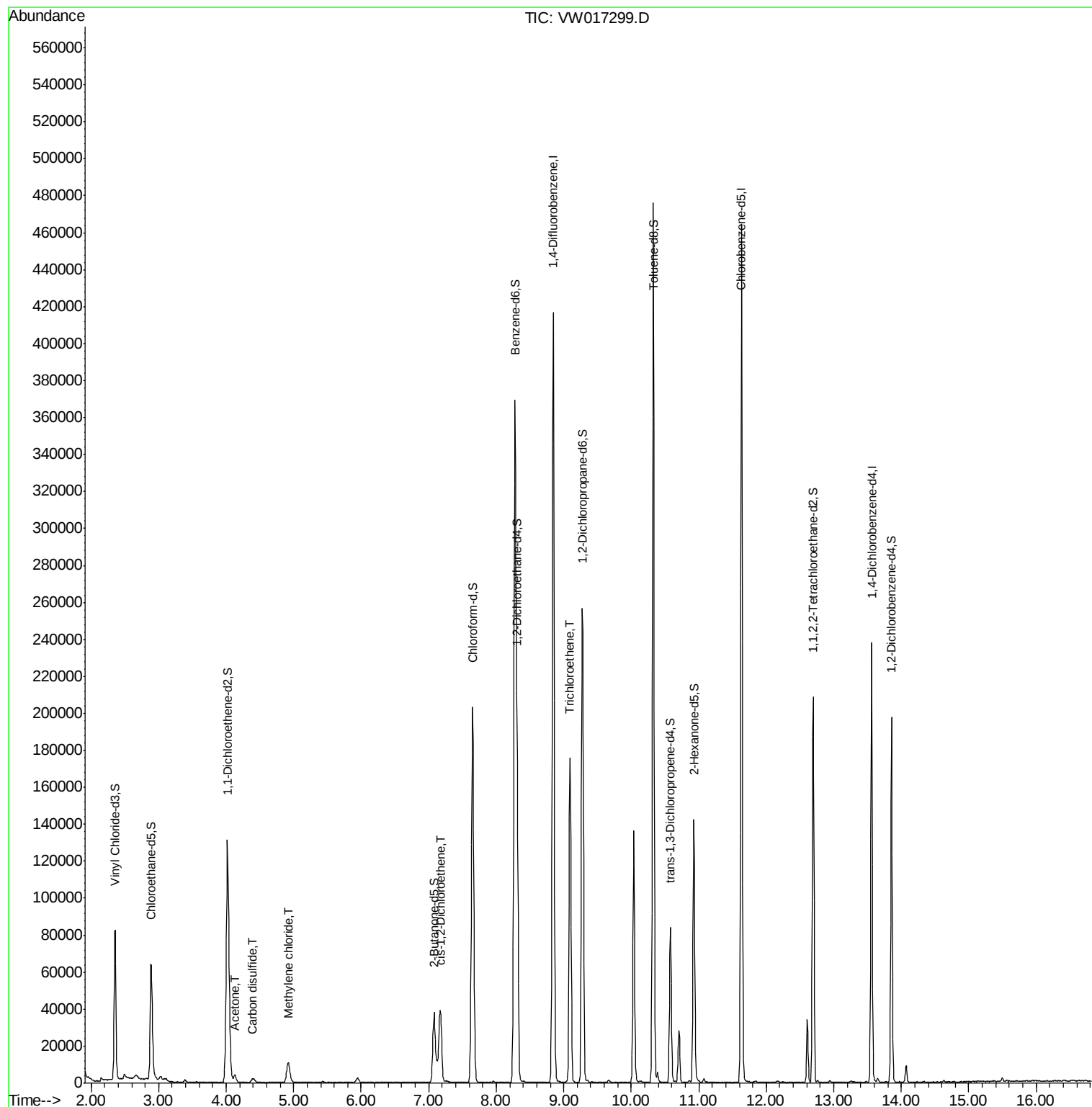
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
Data File : VW017299.D
Acq On : 17 Nov 2020 21:11
Operator : SY/VA
Sample : L4738-05
Misc : 5.27G/10ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

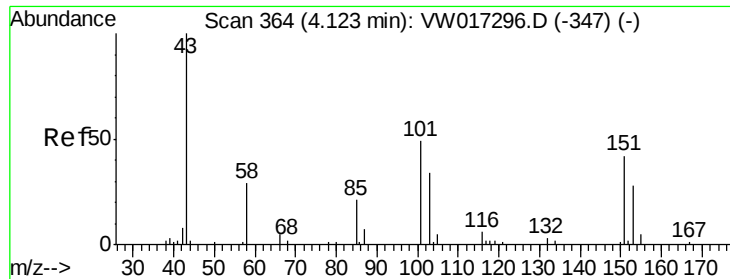
Instrument :
MSVOA_W
ClientSampleId :
GB0X2

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Quant Time: Nov 18 05:02:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 9.090 ug/L m

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampled :

GB0X2

Tot Ion: 43 Resp: 6549

Ion Ratio Lower Upper

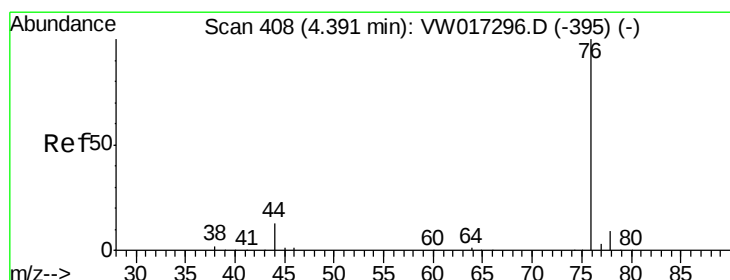
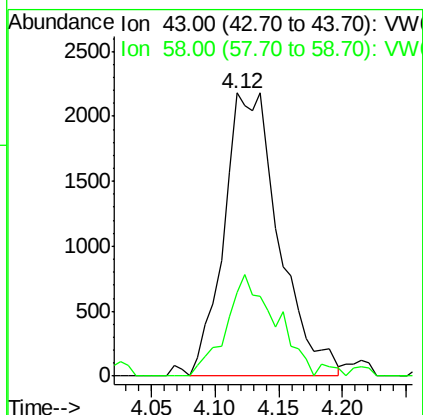
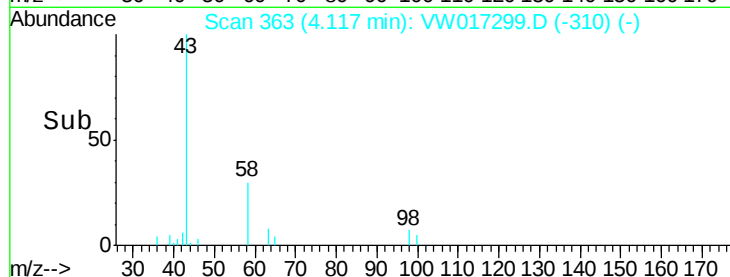
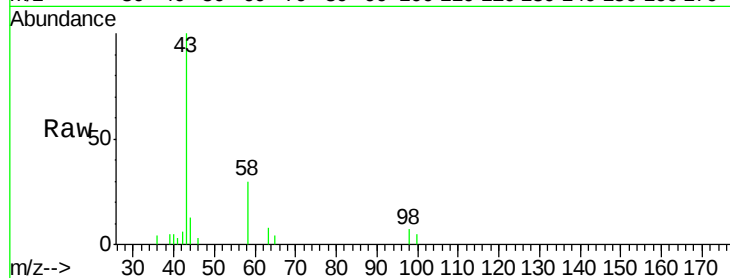
43 100

58 26.2 0.0 69.2

Manual Integrations
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#14

Carbon disulfide

Concen: 0.256 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017299.D

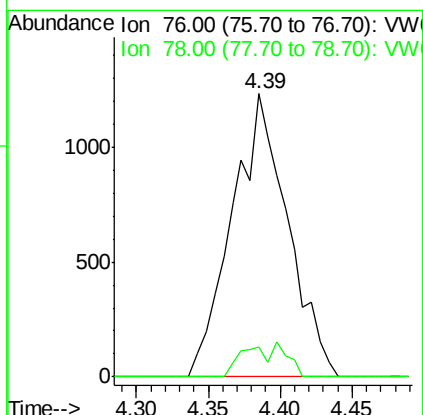
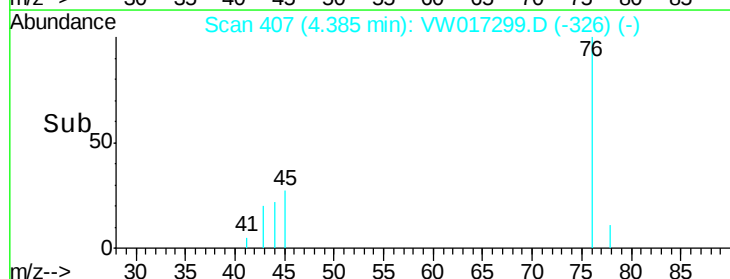
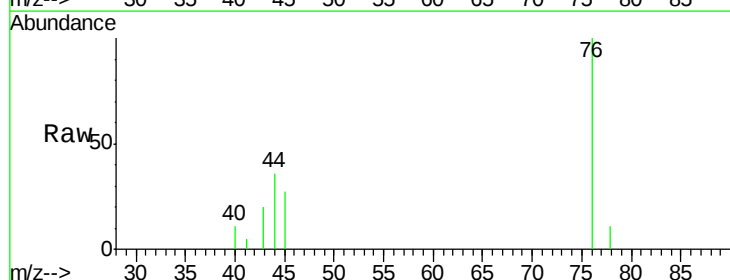
Acq: 17 Nov 2020 21:11

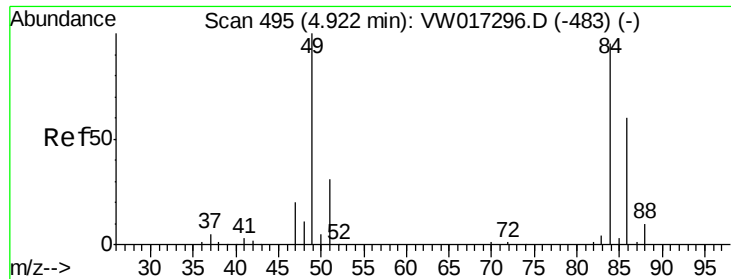
Tgt Ion: 76 Resp: 3302

Ion Ratio Lower Upper

76 100

78 10.6 7.6 11.4





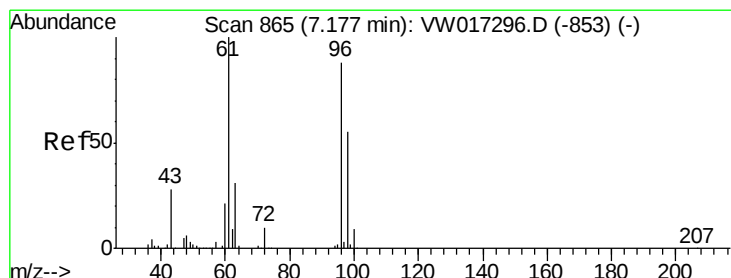
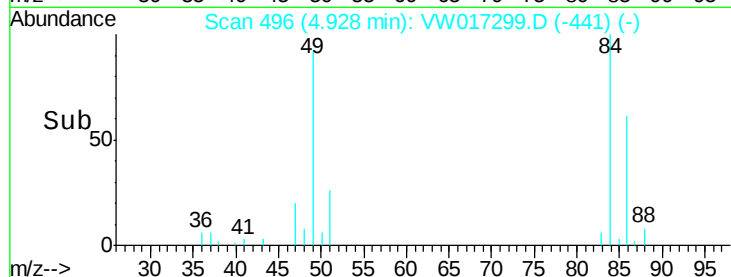
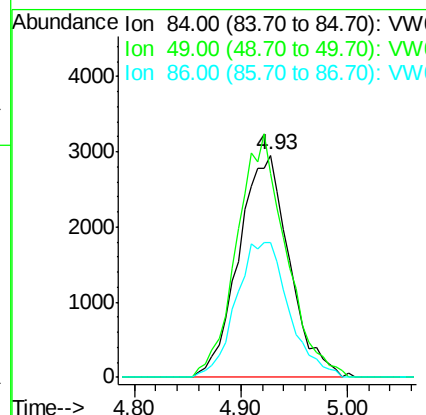
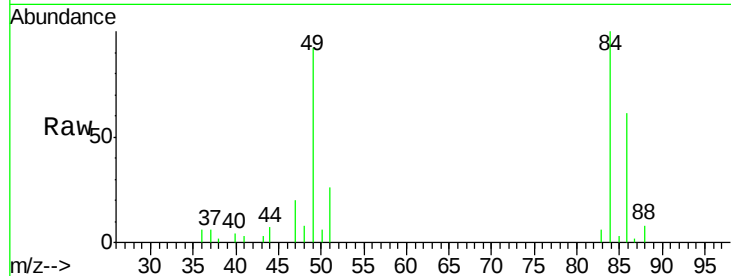
#16
Methylene chloride
Concen: 1.908 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017299.D
Acq: 17 Nov 2020 21:11

Instrument :
MSVOA_W
ClientSampled :
GB0X2

Tot Ion	84.00 (83.70 to 84.70): VW	Resp	9829
Ion	Ratio	Lower	Upper
84	100		
49	91.7	72.3	134.3
86	60.6	45.1	83.7

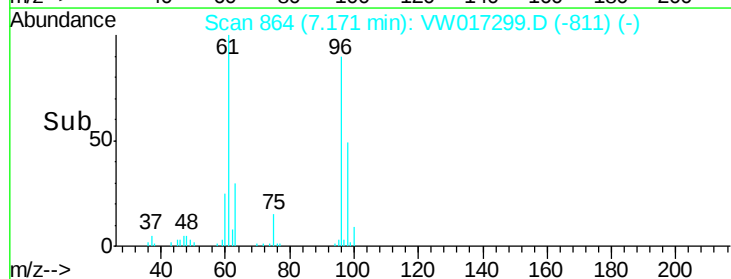
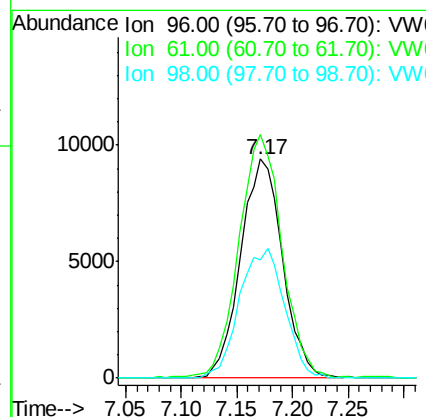
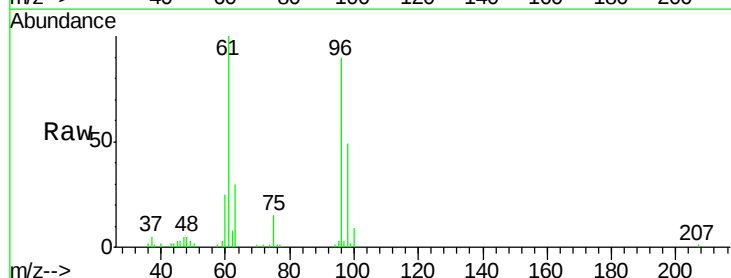
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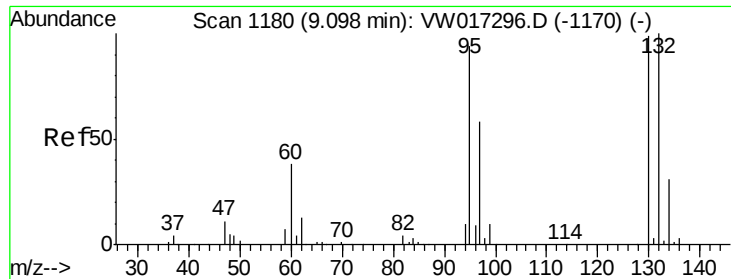
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#22
cis-1,2-Dichloroethene
Concen: 4.750 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW017299.D
Acq: 17 Nov 2020 21:11

Tgt Ion	96.00 (95.70 to 96.70): VW	Resp	24651
Ion	Ratio	Lower	Upper
96	100		
61	111.3	77.4	143.8
98	54.3	45.1	83.7





#35

Trichloroethene

Concen: 15.115 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW017299.D

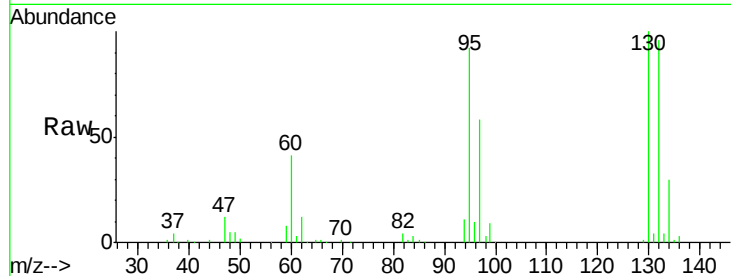
Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampleId :

GB0X2



Tot Ion: 95 Resp: 60250

Ion Ratio Lower Upper

95 100

97 65.0 45.0 83.6

132 106.7 73.7 136.9

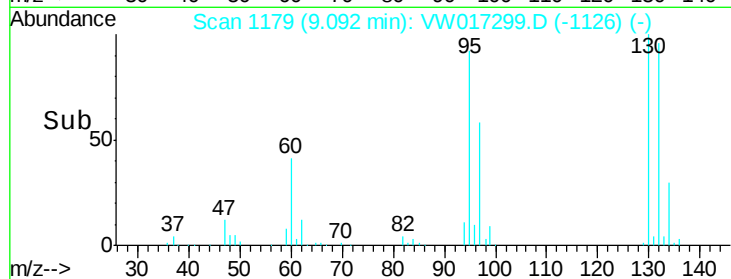
130 110.4 77.1 143.1

Manual Integrations

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Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

