

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009321.D
 Acq On : 21 Mar 2019 12:30
 Operator : SY/VA
 Sample : K1988-18
 Misc : 4.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0D0

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:35 AM

Quant Time: Mar 22 09:56:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	265777	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	180129	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44860	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111500	35.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.44%
7) Chloroethane-d5	2.89	69	109873	29.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.28%
10) 1,1-Dichloroethene-d2	4.01	63	158501	23.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.36%
20) 2-Butanone-d5	7.07	46	44702	34.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.06%
24) Chloroform-d	7.65	84	214478	29.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.28%
26) 1,2-Dichloroethane-d4	8.30	65	119309	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.24%
29) Benzene-d6	8.27	84	373025	37.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.20%#
33) 1,2-Dichloropropane-d6	9.27	67	113997	38.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.84%#
37) Toluene-d8	10.32	98	264309	28.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.12%
38) trans-1,3-Dichloropropene-	10.58	79	36128	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	28358	39.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68112	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	42240	24.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.24%

Target Compounds

					Ovalue
13) Acetone	4.12	43	24792	23.017 ug/L	89
16) Methylene chloride	4.91	84	8531m	2.201 ug/L	
18) trans-1,2-Dichloroethene	5.42	96	18392	5.345 ug/L	92
22) cis-1,2-Dichloroethene	7.16	96	665144	178.440 ug/L	99
35) Trichloroethene	9.09	95	45010	17.133 ug/L	96
47) Tetrachloroethene	10.86	164	6683	3.011 ug/L	97

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

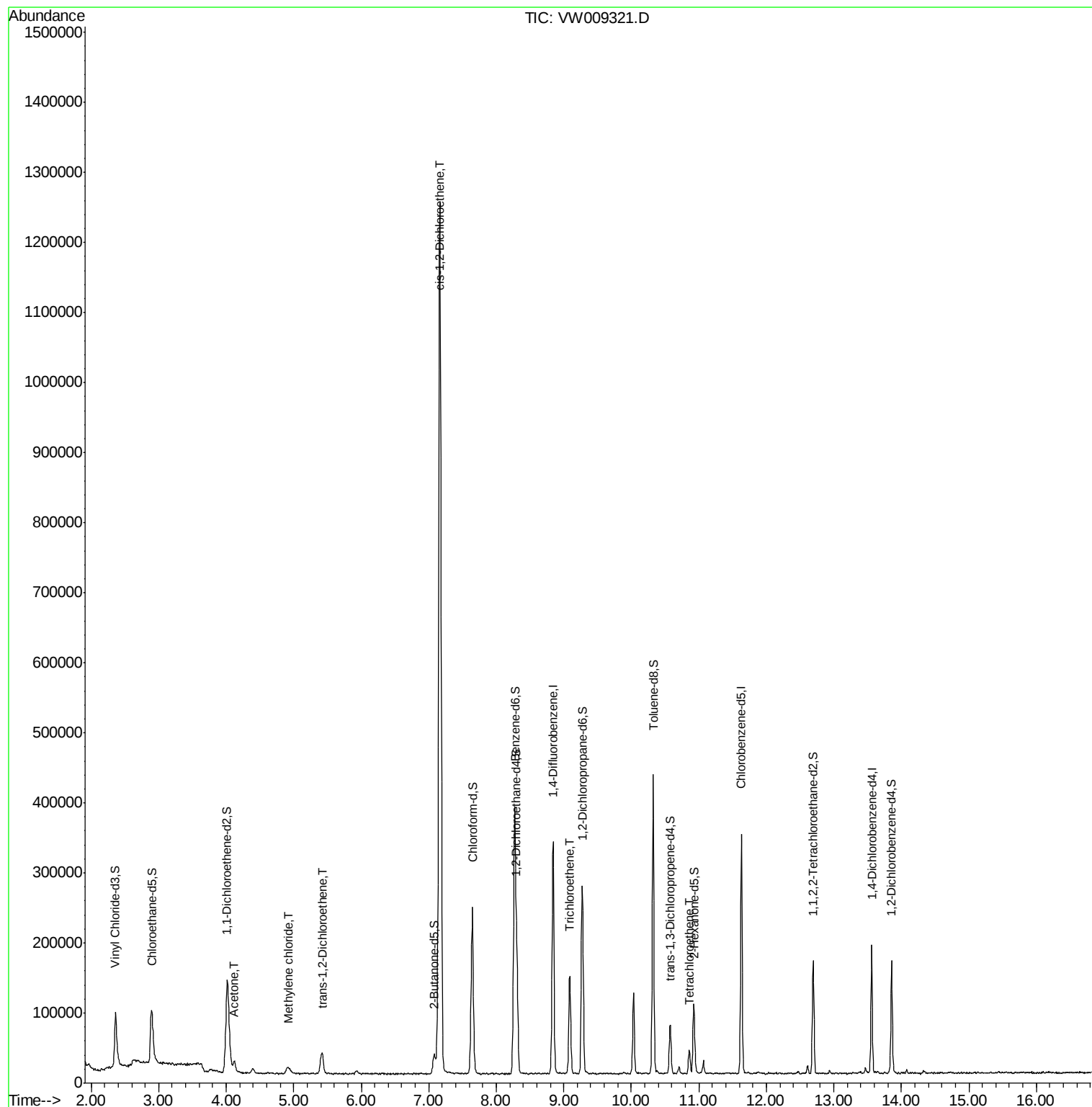
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
Data File : VW009321.D
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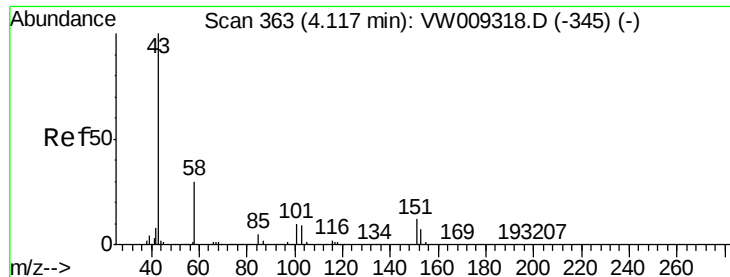
Instrument :
MSVOA_W
ClientSampleId :
BF0D0

Manual Integrations
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3/23/2019 3:00:35 AM

Quant Time: Mar 22 09:56:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration





#13

Acetone

Concen: 23.017 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampled :

BF0D0

Tot Ion: 43 Resp: 24792

Ion Ratio Lower Upper

43 100

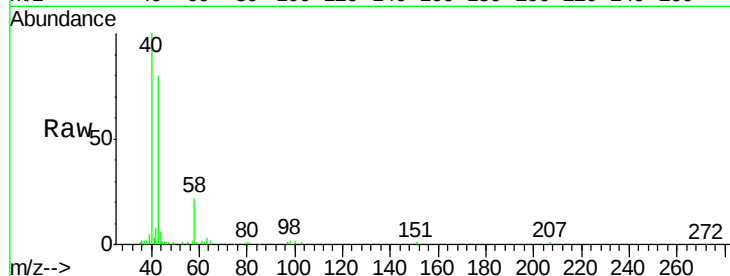
58 22.4 0.0 56.2

Manual Integrations

APPROVED

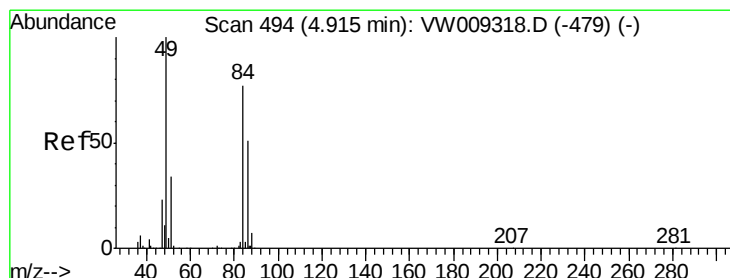
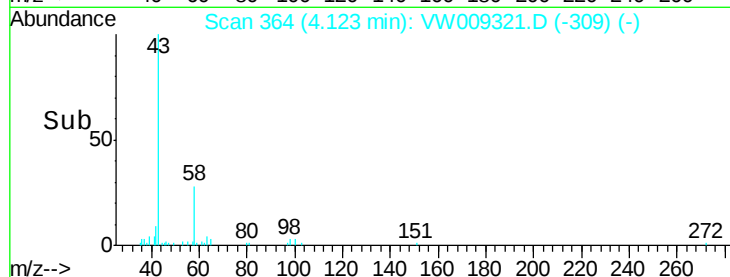
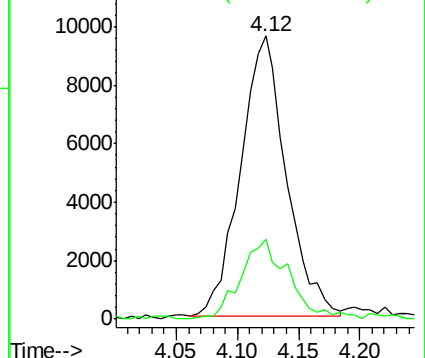
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.201 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

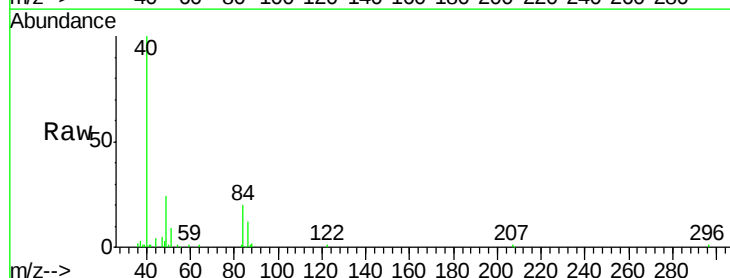
Tgt Ion: 84 Resp: 8531

Ion Ratio Lower Upper

84 100

49 120.4 96.0 178.2

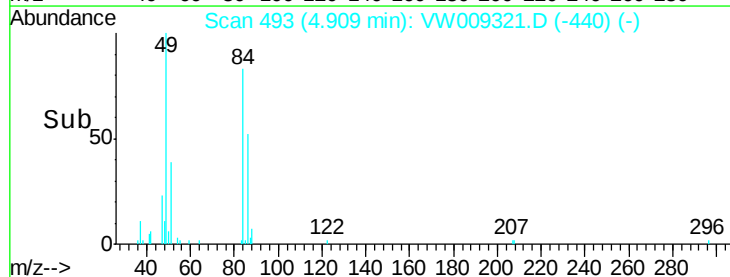
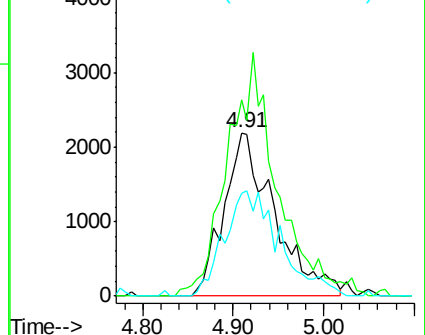
86 62.7 44.4 82.5

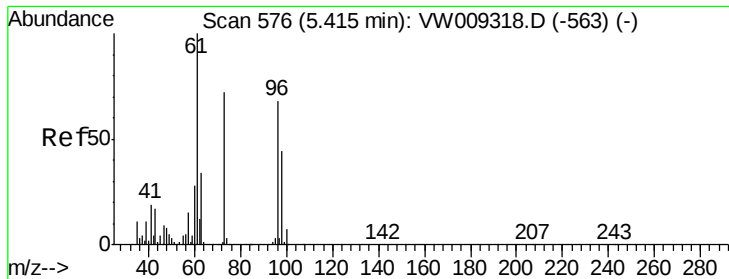


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





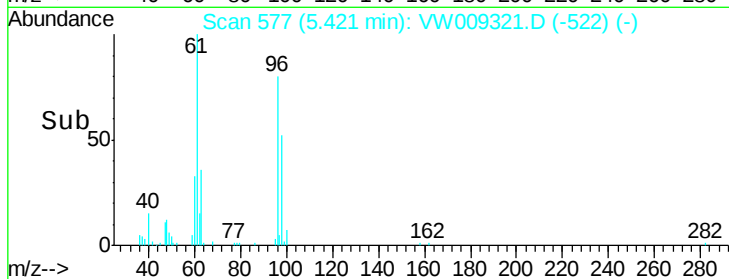
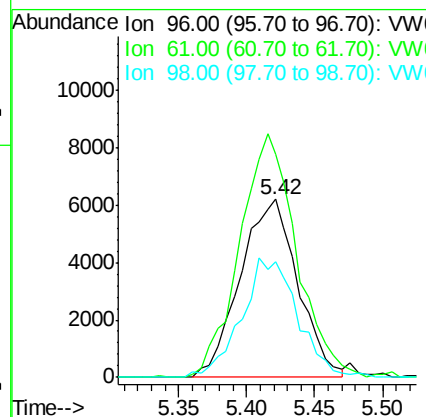
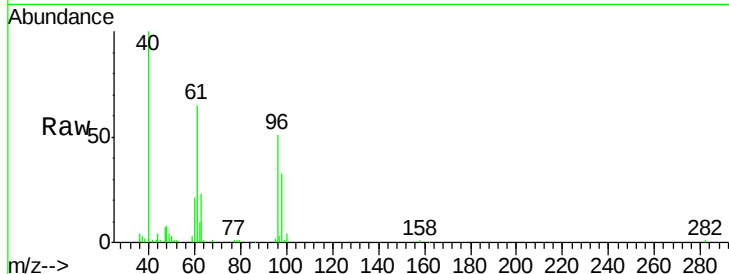
#18
trans-1,2-Dichloroethene
Concen: 5.345 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW009321.D
Acq: 21 Mar 2019 12:30

Instrument :
MSVOA_W
ClientSampled :
BF0D0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	125.4		96.7	179.5	
98	64.9		43.8	81.4	

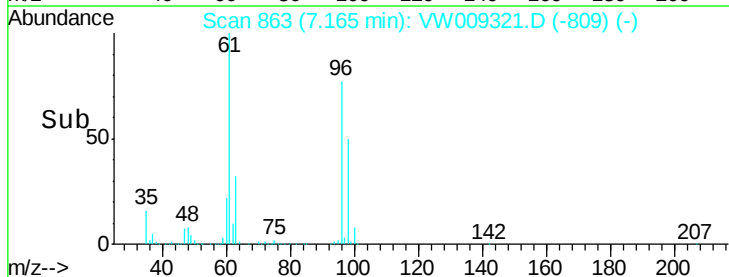
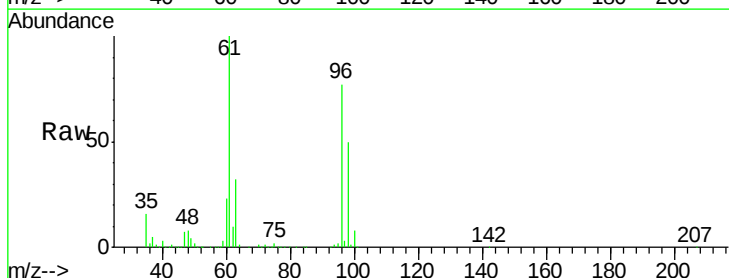
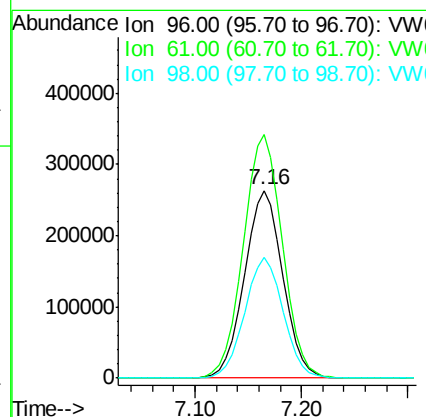
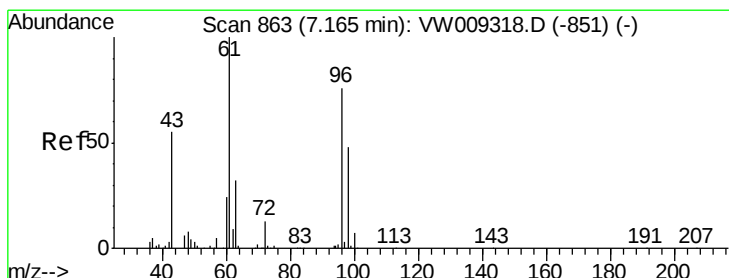
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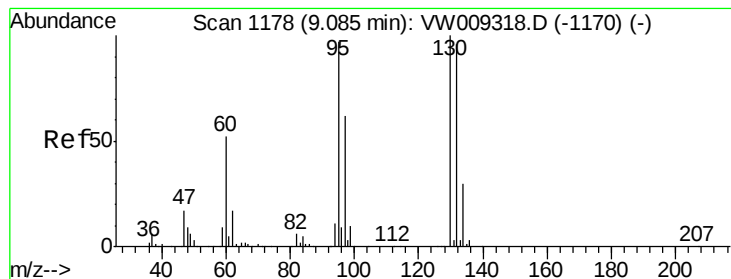
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#22
cis-1,2-Dichloroethene
Concen: 178.440 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009321.D
Acq: 21 Mar 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	129.6		90.6	168.3	
98	64.3		44.0	81.8	





#35

Trichloroethene

Concen: 17.133 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampleId :

BF0D0

Tot Ion: 95 Resp: 45010

Ion Ratio Lower Upper

95 100

97 60.4 44.7 82.9

132 94.3 69.0 128.2

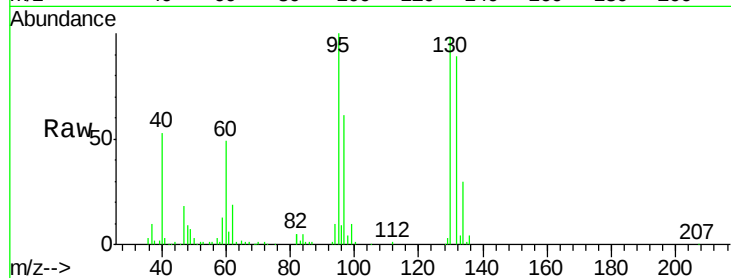
130 99.3 72.7 134.9

Manual Integrations

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3/23/2019 3:00:35 AM

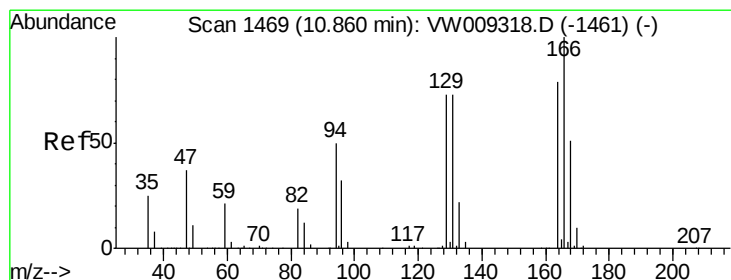
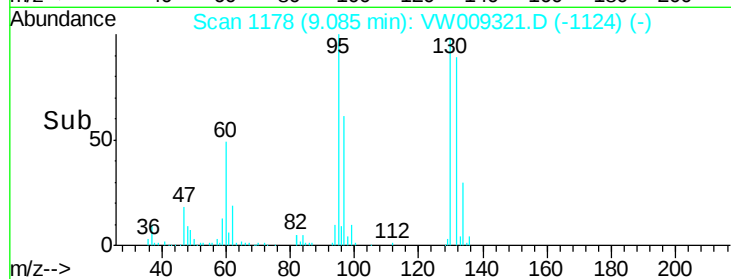
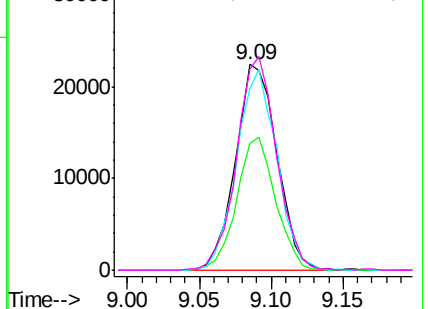


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#47

Tetrachloroethene

Concen: 3.011 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009321.D

Acq: 21 Mar 2019 12:30

Tgt Ion:164 Resp: 6683

Ion Ratio Lower Upper

164 100

129 99.9 66.5 123.5

131 86.7 62.6 116.3

166 132.7 91.6 170.0

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

