

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\
 Data File : VW006917.D
 Acq On : 16 Nov 2018 15:15
 Operator : SY/AP
 Sample : J5944-17
 Misc : 6.42G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETHS9

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 4:44:31 PM

Quant Time: Dec 04 01:20:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	184465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	175101	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	78967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	40225	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.89	69	31334	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
10) 1,1-Dichloroethene-d2	4.02	63	77799	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.12%
20) 2-Butanone-d5	7.09	46	40506	44.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.76%
24) Chloroform-d	7.65	84	98043	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	65905	28.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.36%
29) Benzene-d6	8.28	84	216153	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.28	67	67321	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.12%
37) Toluene-d8	10.33	98	220714	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloropropene-	10.58	79	30032	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.80%
39) 2-Hexanone-d5	10.93	63	33247	47.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	60042	24.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	72966	24.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.14	43	2590m	4.454	ug/L	
16) Methylene chloride	4.92	84	6062	1.879	ug/L	91
18) trans-1,2-Dichloroethene	5.43	96	1664	0.692	ug/L	80
22) cis-1,2-Dichloroethene	7.17	96	23676	9.637	ug/L	96
35) Trichloroethene	9.10	95	259943	97.460	ug/L	99
47) Tetrachloroethene	10.87	164	3250	1.594	ug/L	98

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

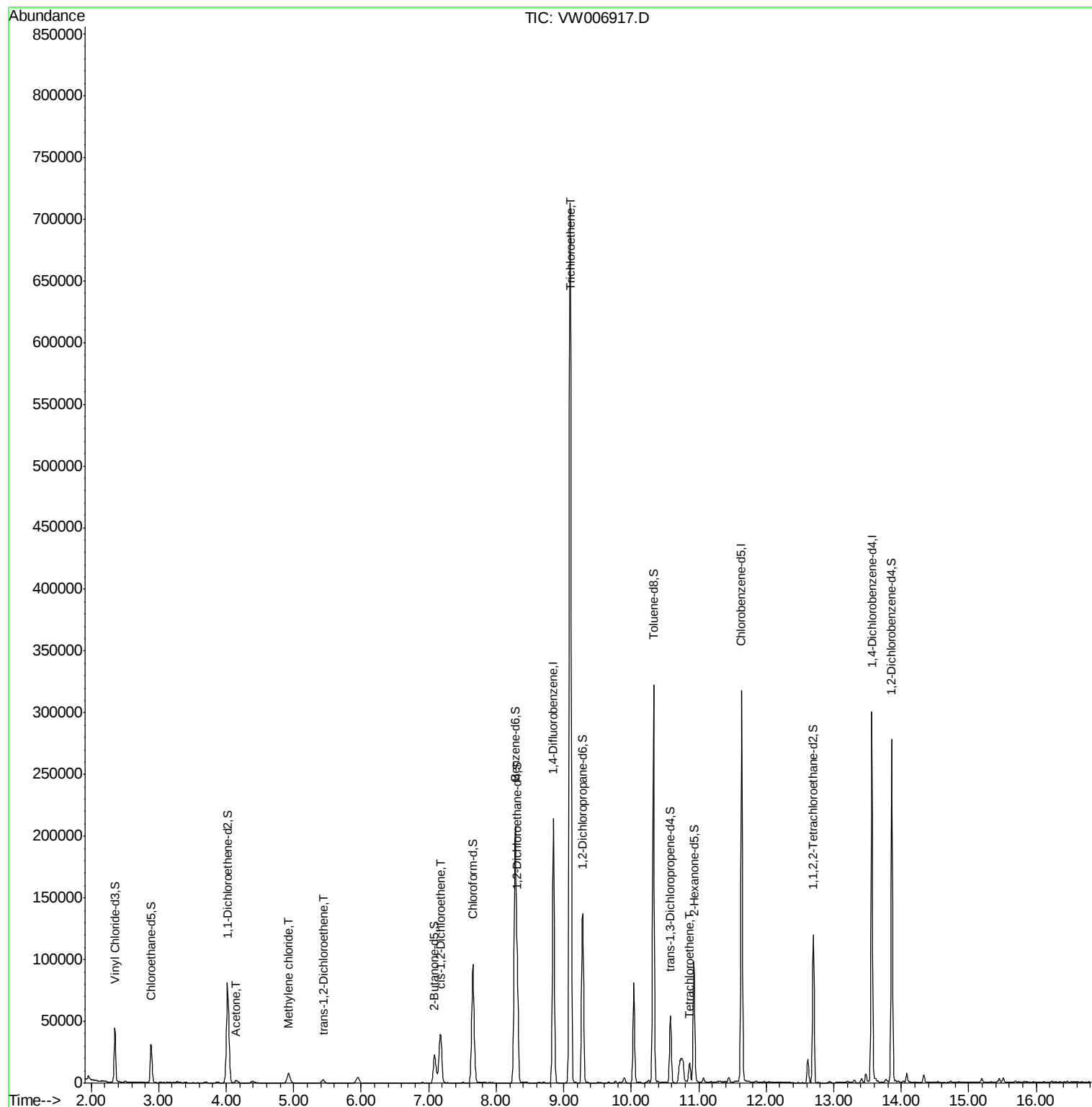
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111618\
Data File : VW006917.D
Acq On : 16 Nov 2018 15:15
Operator : SY/AP
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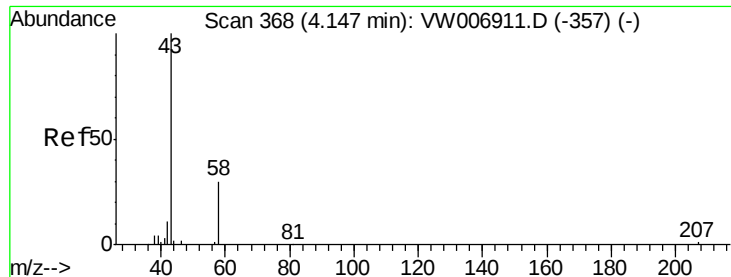
Instrument :
MSVOA_W
ClientSampleId :
ETHS9

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Quant Time: Dec 04 01:20:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration





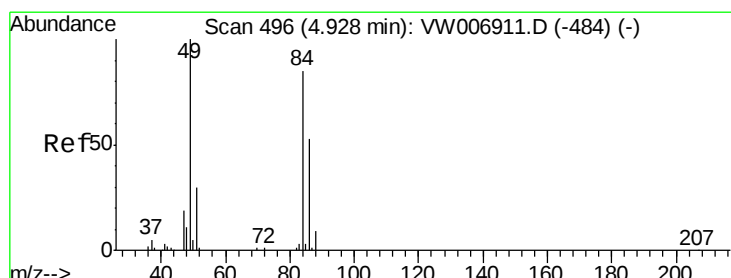
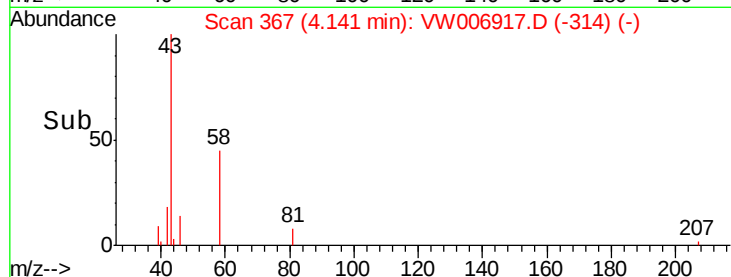
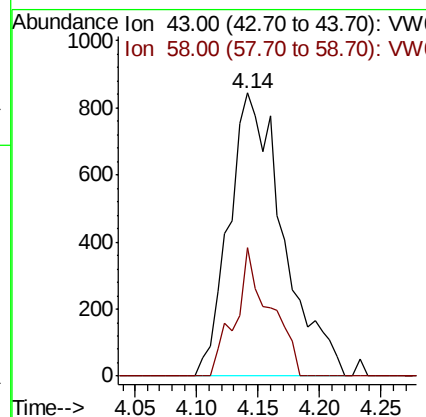
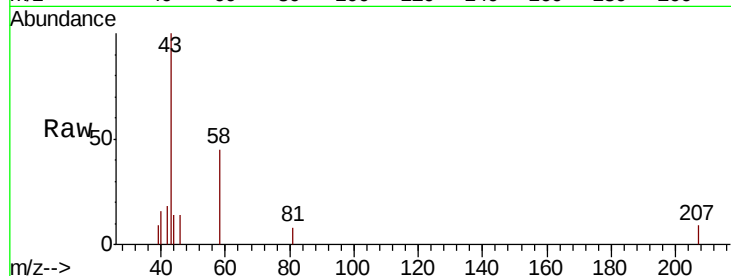
#13
Acetone
Concen: 4.454 ug/L m
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006917.D
Acq: 16 Nov 2018 15:15

Instrument :
MSVOA_W
ClientSampled :
ETHS9

Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
58 9.9 0.0 65.6

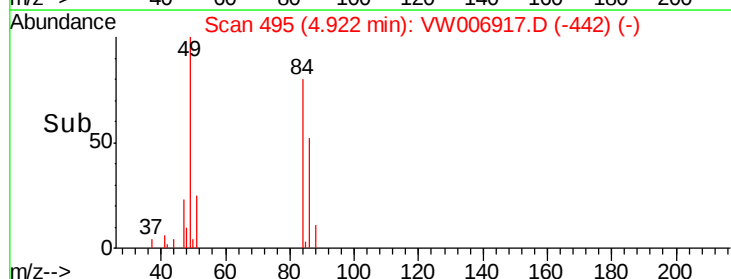
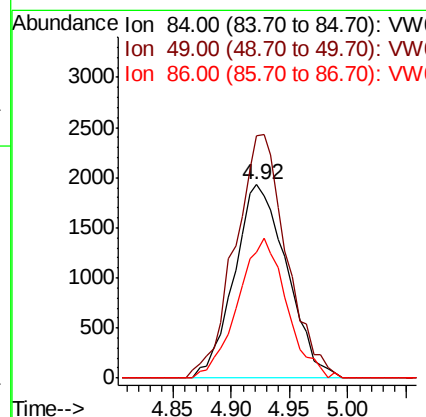
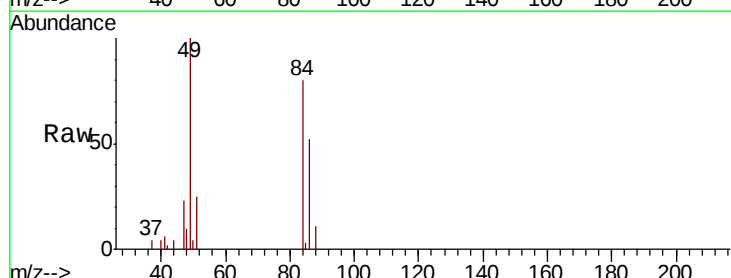
Manual Integrations
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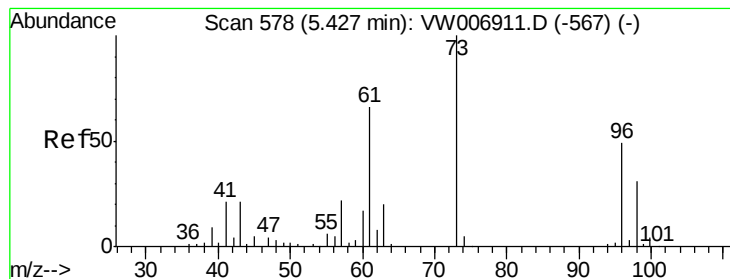
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#16
Methylene chloride
Concen: 1.879 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW006917.D
Acq: 16 Nov 2018 15:15

Tgt Ion: 84 Resp: 6062
Ion Ratio Lower Upper
84 100
49 125.5 79.3 147.3
86 65.0 43.5 80.9





#18

trans-1,2-Dichloroethene

Concen: 0.692 ug/L

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW006917.D

Acq: 16 Nov 2018 15:15

Instrument :

MSVOA_W

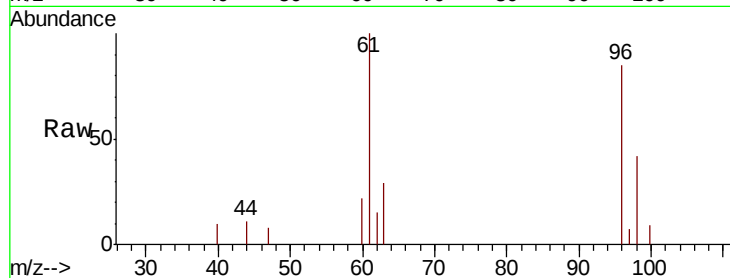
ClientSampleId :

ETHS9

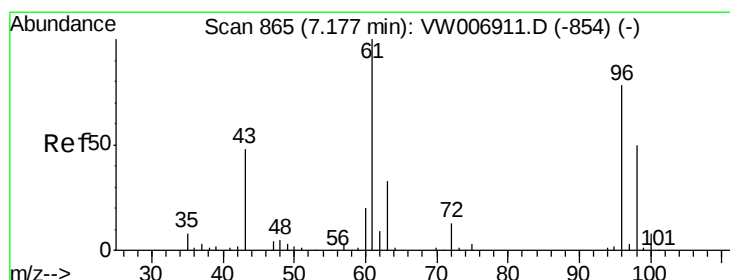
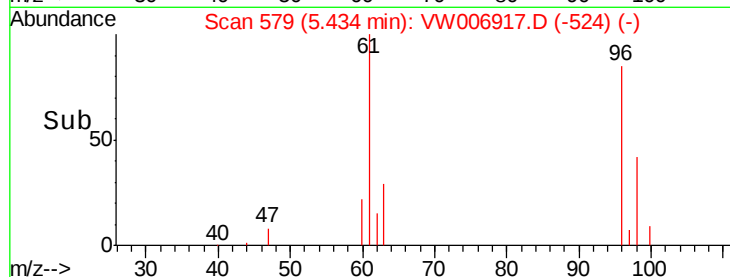
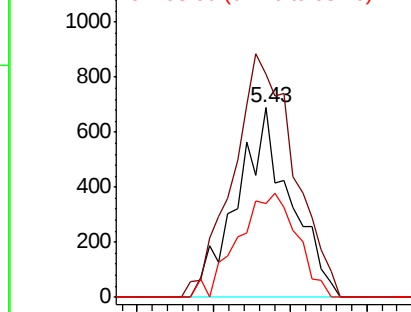
Tgt Ion:	96	Resp:	1664
Ion	Ratio	Lower	Upper
96	100		
61	117.7	99.6	185.0
98	49.3	44.7	82.9

Manual Integrations
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Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



#22

cis-1,2-Dichloroethene

Concen: 9.637 ug/L

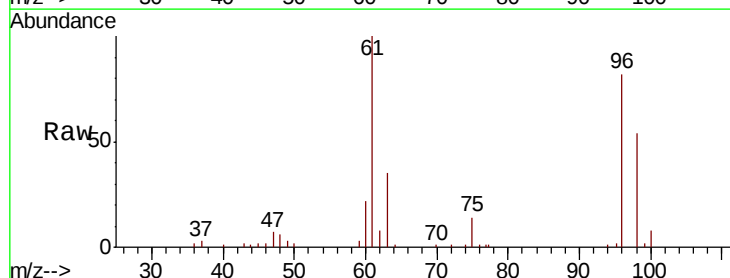
RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

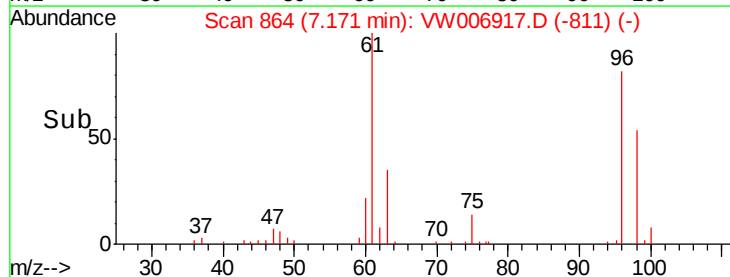
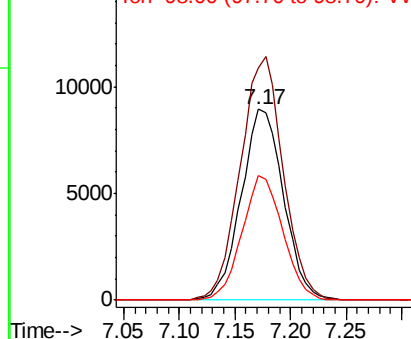
Lab File: VW006917.D

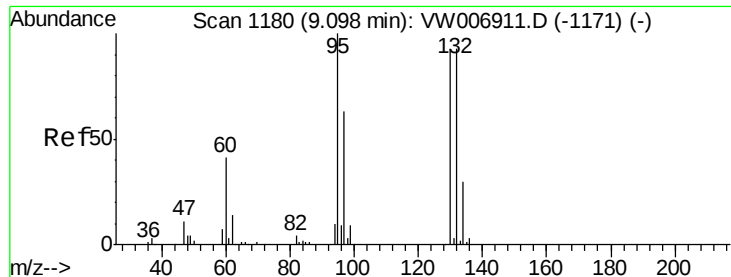
Acq: 16 Nov 2018 15:15

Tgt Ion:	96	Resp:	23676
Ion	Ratio	Lower	Upper
96	100		
61	121.6	88.1	163.7
98	65.2	43.1	80.1



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 97.460 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006917.D

Acq: 16 Nov 2018 15:15

Instrument :

MSVOA_W

ClientSampleId :

ETHS9

Tgt Ion: 95 Resp: 259943

Ion Ratio Lower Upper

95 100

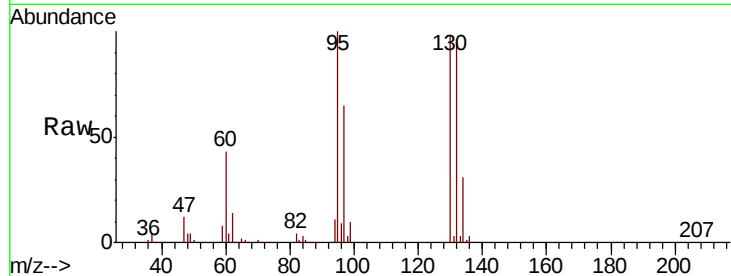
97 64.4 45.1 83.9

132 95.4 65.7 121.9

130 98.5 68.7 127.7

Manual Integrations
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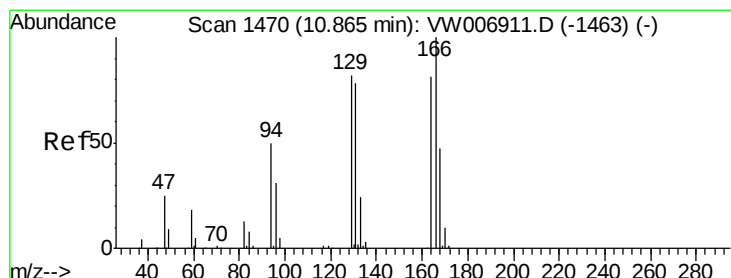
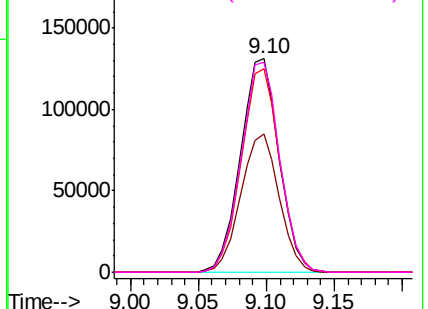
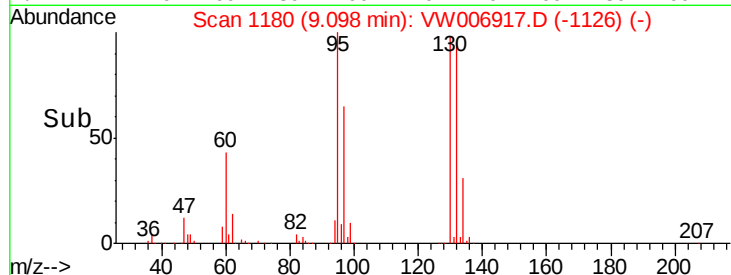
Abundance

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



#47

Tetrachloroethene

Concen: 1.594 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW006917.D

Acq: 16 Nov 2018 15:15

Tgt Ion: 164 Resp: 3250

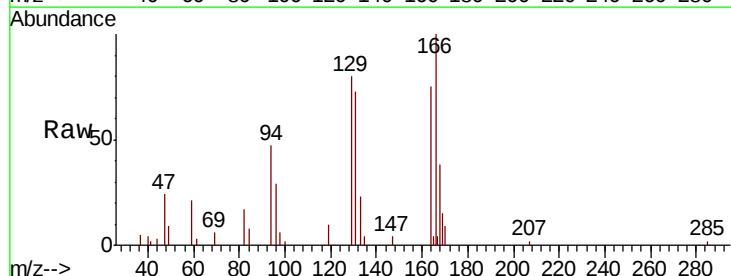
Ion Ratio Lower Upper

164 100

129 106.2 75.0 139.2

131 97.6 72.5 134.7

166 133.1 93.7 174.1



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

