

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009895.D
 Acq On : 10 Apr 2019 22:27
 Operator : SY/VA
 Sample : K2340-20
 Misc : 5.91G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2T2

Quant Time: Apr 11 03:49:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426040	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407920	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175886	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106144	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.16%
7) Chloroethane-d5	2.89	69	99381	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.84%
10) 1,1-Dichloroethene-d2	4.02	63	220514	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.56%
20) 2-Butanone-d5	7.08	46	121338	67.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.06%
24) Chloroform-d	7.65	84	311082	26.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.04%
26) 1,2-Dichloroethane-d4	8.31	65	201079	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.27	84	550024	25.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.76%
33) 1,2-Dichloropropane-d6	9.27	67	178431	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	10.32	98	474120	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	10.58	79	73658	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	10.93	63	84183	67.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183907	29.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	181844	29.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.84%

Target Compounds

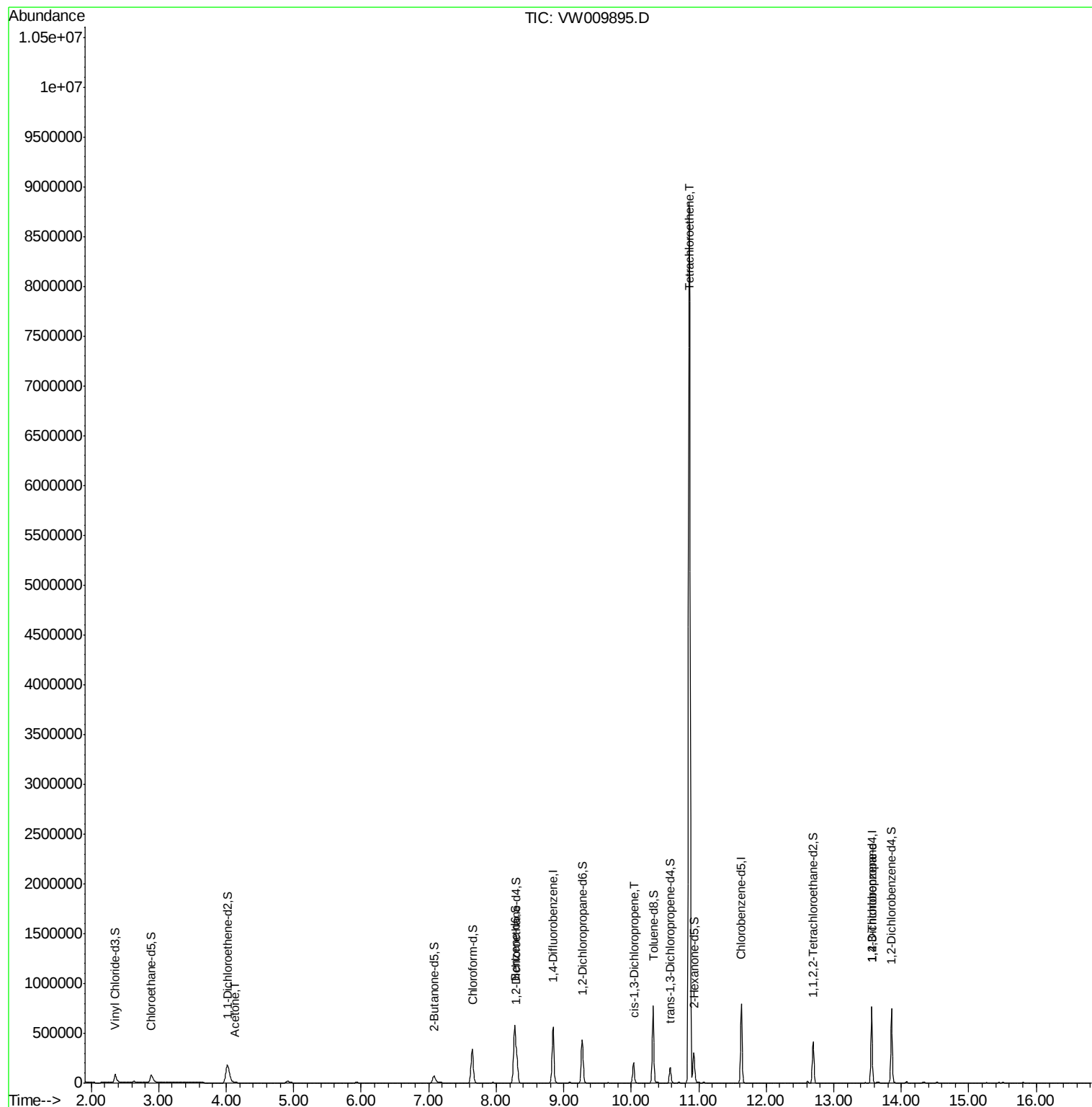
					Qvalue
13) Acetone	4.12	43	3838	1.979 ug/L	81
42) cis-1,3-Dichloropropene	10.04	75	5789	0.595 ug/L #	60
47) Tetrachloroethene	10.86	164	1748849	345.717 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	23945	5.073 ug/L	89

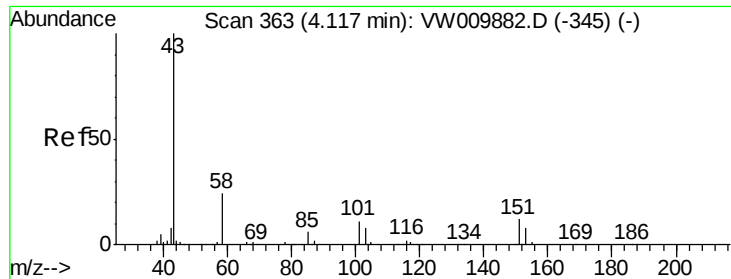
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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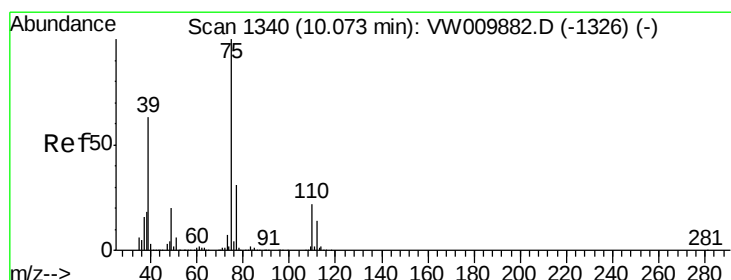
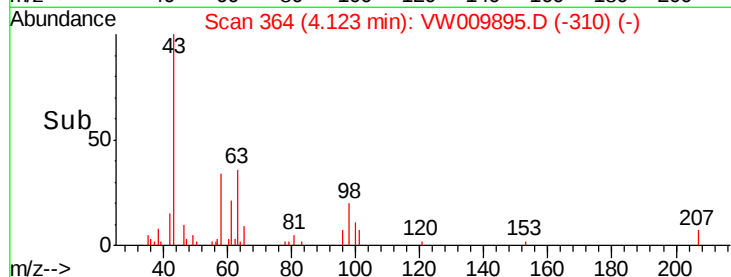
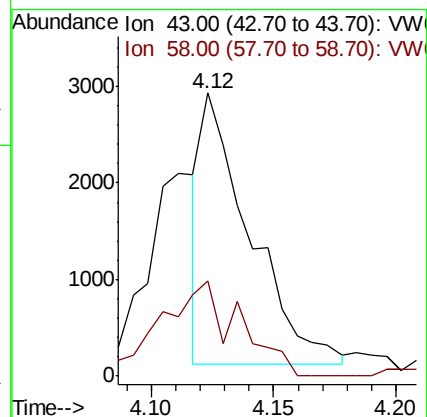
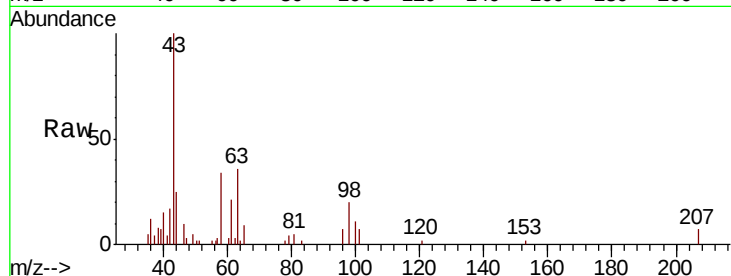




#13
Acetone
Concen: 1.979 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009895.D
Acq: 10 Apr 2019 22:27

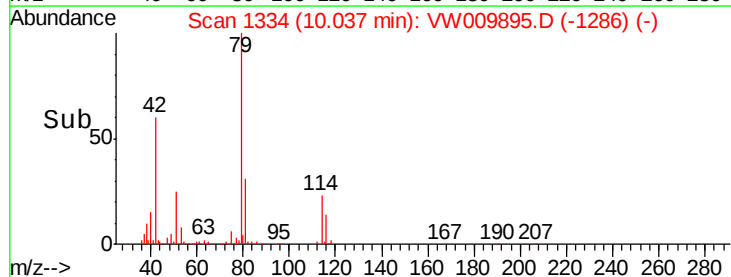
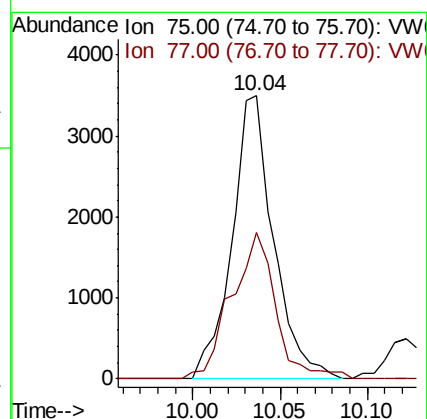
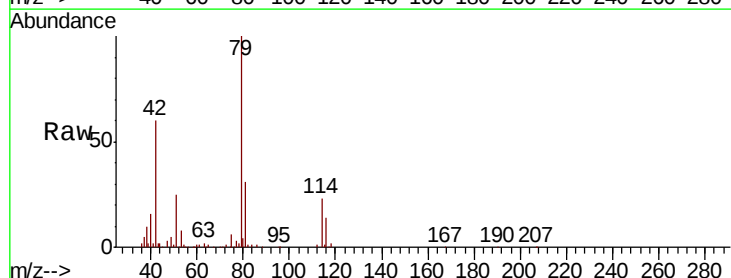
Instrument :
MSVOA_W
ClientSampled :
BF2T2

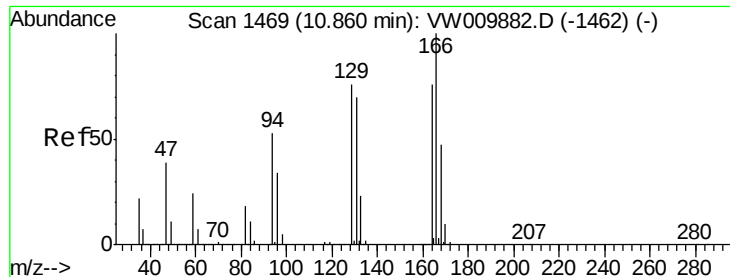
Tgt Ion: 43 Resp: 3838
Ion Ratio Lower Upper
43 100
58 36.5 0.0 53.0



#42
cis-1,3-Dichloropropene
Concen: 0.595 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009895.D
Acq: 10 Apr 2019 22:27

Tgt Ion: 75 Resp: 5789
Ion Ratio Lower Upper
75 100
77 51.7 21.0 39.0#





#47

Tetrachloroethene

Concen: 345.717 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009895.D

Acq: 10 Apr 2019 22:27

Instrument :

MSVOA_W

ClientSampleId :

BF2T2

Tgt Ion:164 Resp: 1748849

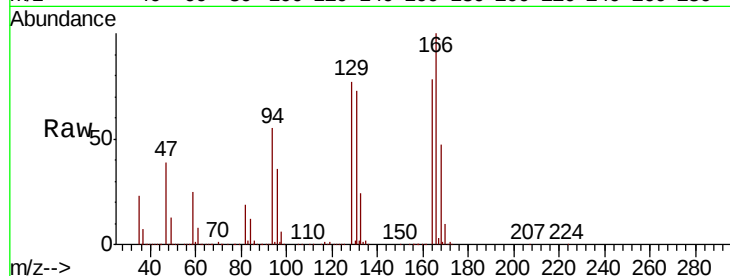
Ion Ratio Lower Upper

164 100

129 97.7 68.9 127.9

131 93.4 63.1 117.1

166 127.5 88.5 164.4

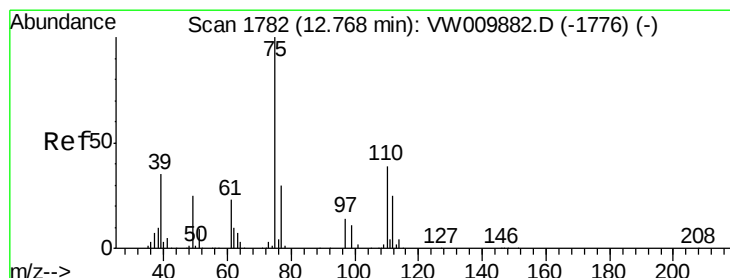
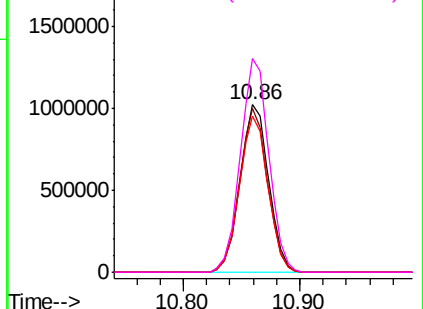
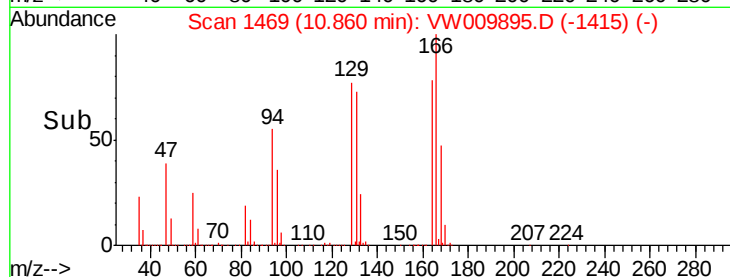


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 5.073 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009895.D

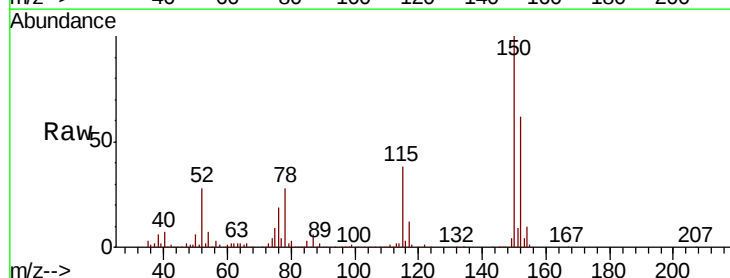
Acq: 10 Apr 2019 22:27

Tgt Ion: 75 Resp: 23945

Ion Ratio Lower Upper

75 100

77 38.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

