

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006406.D
 Acq On : 26 Oct 2018 14:49
 Operator : SY/AP
 Sample : VIBLK90
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK90

Quant Time: Oct 26 23:48:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	158465	25.00	ug/L	0.00

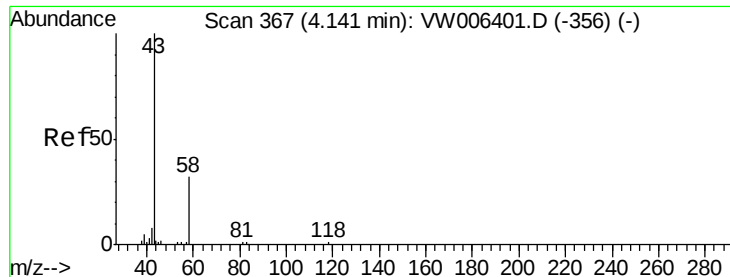
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63850	18.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.88%
7) Chloroethane-d5	2.90	69	63111	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.68%
10) 1,1-Dichloroethene-d2	4.01	63	96236	14.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.20%
20) 2-Butanone-d5	7.09	46	57930	49.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.72%
24) Chloroform-d	7.65	84	153806	22.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	8.31	65	89620	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
29) Benzene-d6	8.27	84	303100	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.27	67	90294	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.00%
37) Toluene-d8	10.33	98	292143	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.58	79	36354	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.72%
39) 2-Hexanone-d5	10.93	63	45882	46.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96724	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	131413	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
13) Acetone	4.14	43	2986	2.544 ug/L	96
32) Carbon tetrachloride	8.26	117	3253	0.535 ug/L #	30
35) Trichloroethene	8.85	95	9041	2.113 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	2690	0.437 ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	16476	5.410 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.53	75	1196	1.660 ug/L #	1

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



#13

Acetone

Concen: 2.544 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampled :

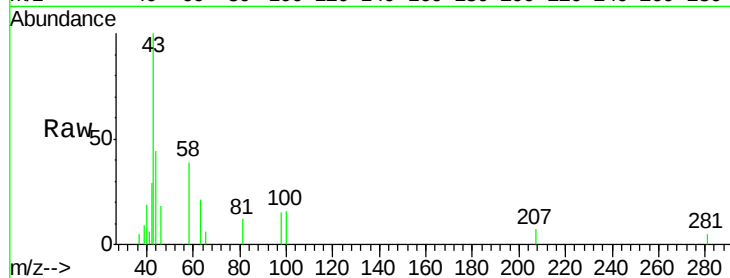
VIBLK90

Tgt Ion: 43 Resp: 2986

Ion Ratio Lower Upper

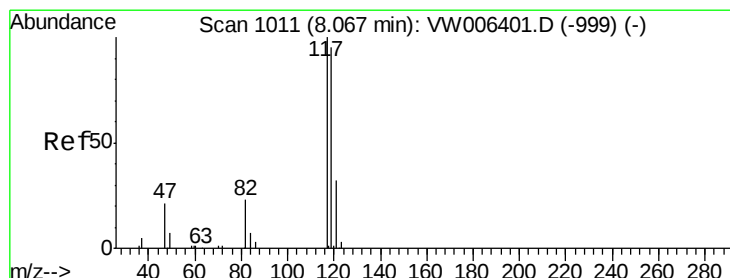
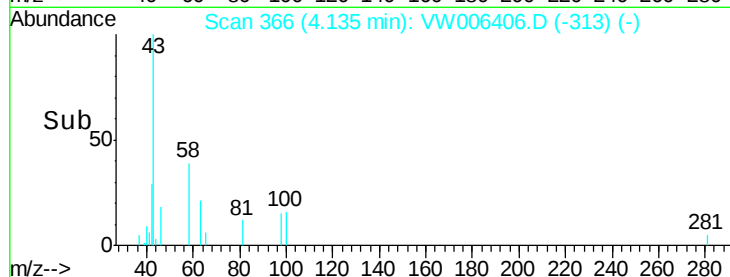
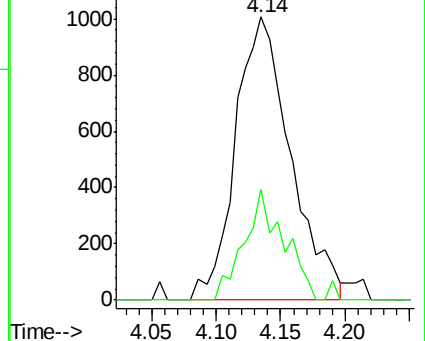
43 100

58 28.2 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#32

Carbon tetrachloride

Concen: 0.535 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.20 min

Lab File: VW006406.D

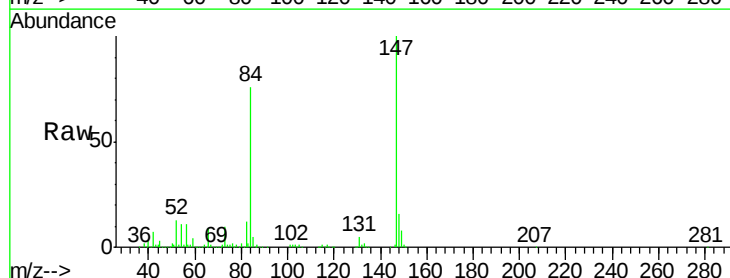
Acq: 26 Oct 2018 14:49

Tgt Ion: 117 Resp: 3253

Ion Ratio Lower Upper

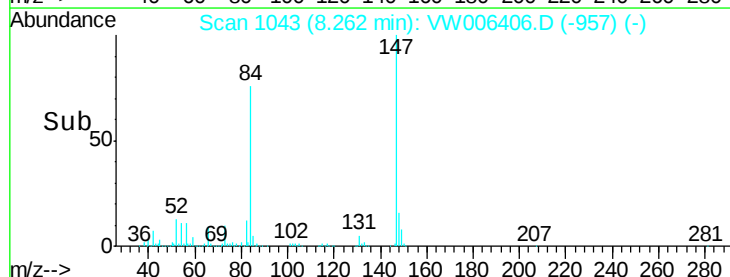
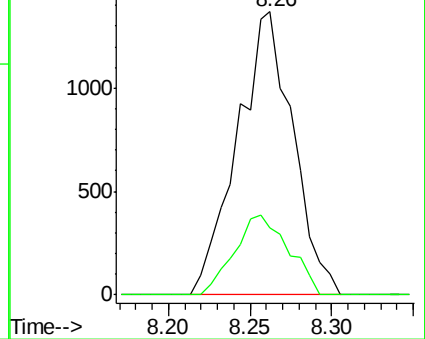
117 100

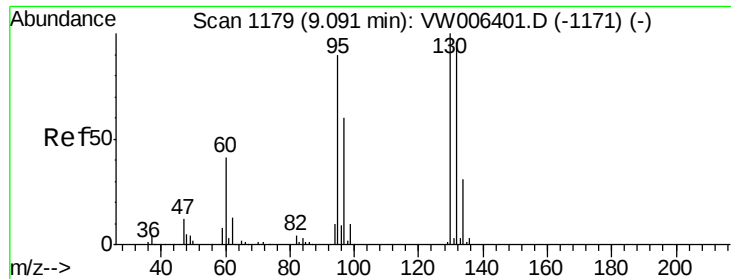
119 27.5 76.9 115.3#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V





#35

Trichloroethene

Concen: 2.113 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW006406.D

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Instrument :

MSVOA_W

ClientSampleId :

VIBLK90

Tgt Ion: 95 Resp: 9041

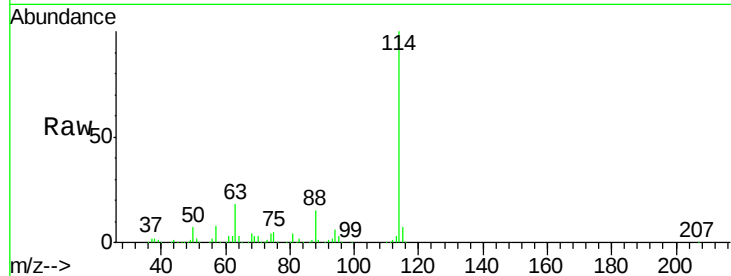
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 72.9 135.3#

130 0.0 75.8 140.8#

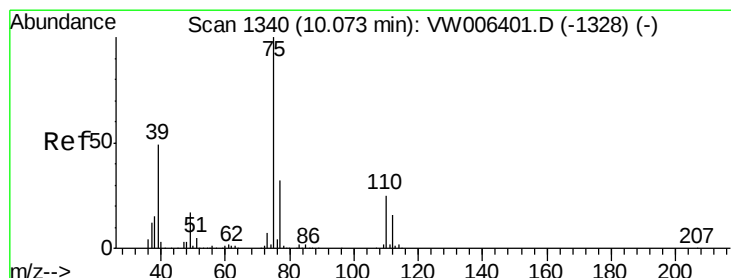
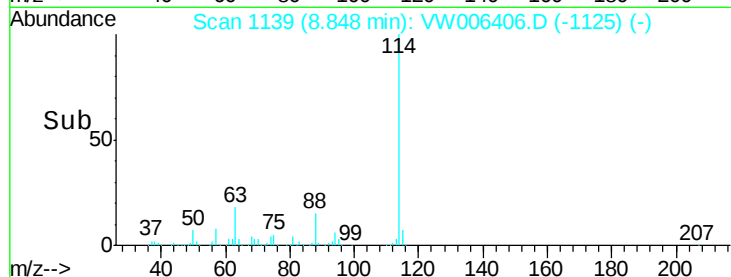
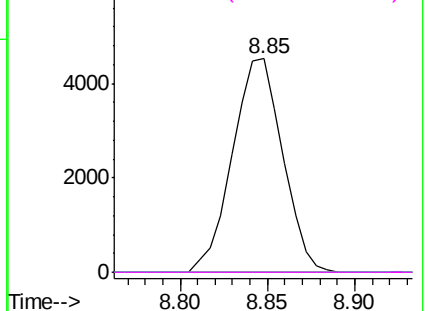


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006406.D

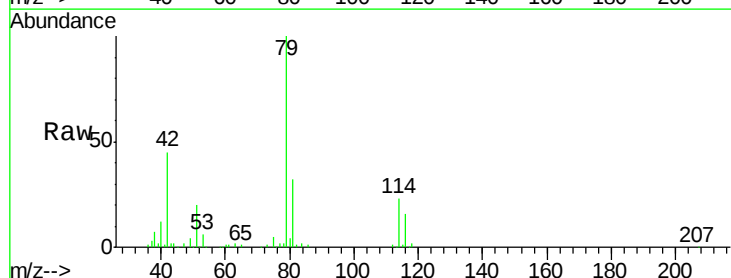
Acq: 26 Oct 2018 14:49

Tgt Ion: 75 Resp: 2690

Ion Ratio Lower Upper

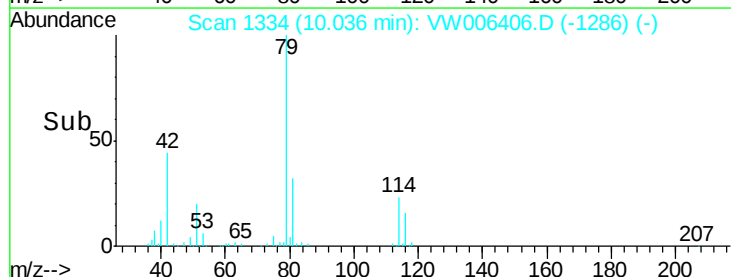
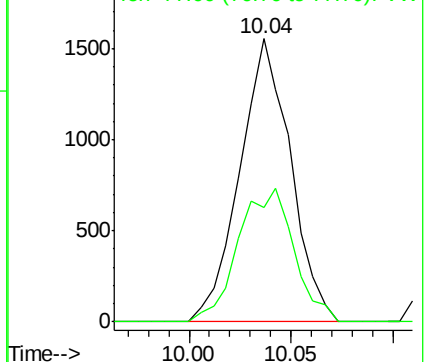
75 100

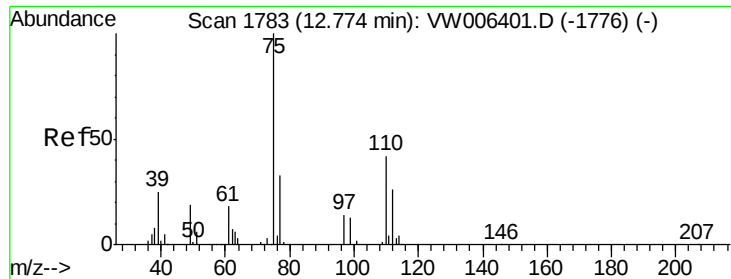
77 40.6 22.6 42.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

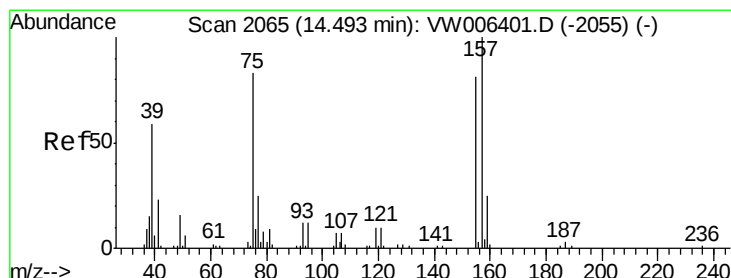
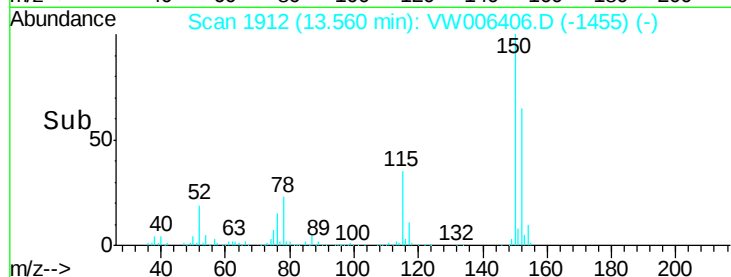
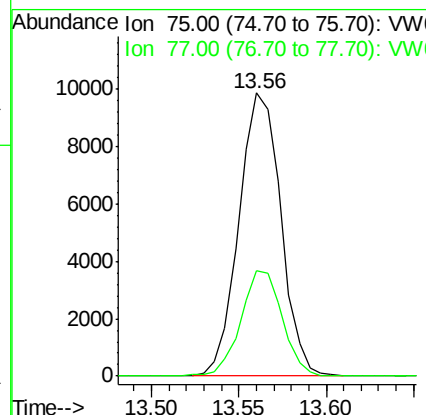
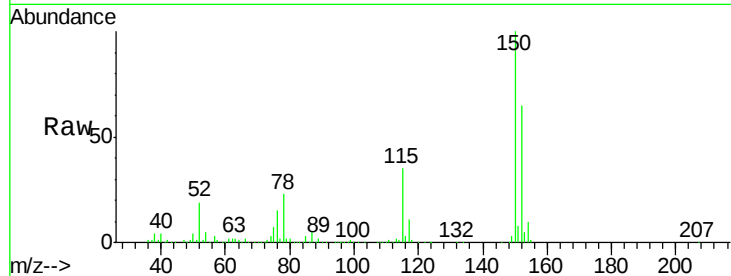




#59
 1,2,3-Trichloropropane
 Concen: 5.410 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW006406.D
 Acq: 26 Oct 2018 14:49

Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK90

Tgt Ion: 75 Resp: 16476
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.9 38.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.660 ug/L
 RT: 14.53 min Scan# 2071
 Delta R.T. 0.04 min
 Lab File: VW006406.D
 Acq: 26 Oct 2018 14:49

Tgt Ion: 75 Resp: 1196
 Ion Ratio Lower Upper
 75 100
 157 448.4 106.8 160.2#
 155 275.5 79.2 118.8#

