

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005773.D
 Acq On : 02 Oct 2018 13:45
 Operator : SY/AP
 Sample : J5181-16
 Misc : 4.70G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:11:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	142677	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	141151	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	62301	25.00	ug/L	0.00

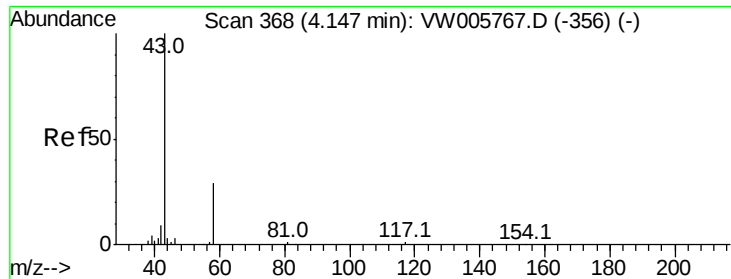
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26108	14.35	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.40%
7) Chloroethane-d5	2.89	69	22738	16.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.08%
10) 1,1-Dichloroethene-d2	4.01	63	46514	11.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.84%
20) 2-Butanone-d5	7.09	46	26284	45.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.02%
24) Chloroform-d	7.65	84	78062	21.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	8.31	65	50193	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	8.28	84	130682	18.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.80%
33) 1,2-Dichloropropane-d6	9.28	67	43460	21.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.08%
37) Toluene-d8	10.33	98	114869	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.60%
38) trans-1,3-Dichloropropene-	10.59	79	18928	17.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.36%
39) 2-Hexanone-d5	10.93	63	18704	39.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.10%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	44413	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	46341	21.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.08%

Target Compounds

					Ovalue
13) Acetone	4.12	43	2928	4.815 ug/L	66
16) Methylene chloride	4.92	84	7795	3.313 ug/L	84
35) Trichloroethene	8.84	95	4602	2.157 ug/L #	5
36) Methylcyclohexane	9.28	83	11094	2.990 ug/L #	19
40) 1,2-Dichloropropane	9.28	63	5452	2.805 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1383	0.431 ug/L	92

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



#13

Acetone

Concen: 4.815 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

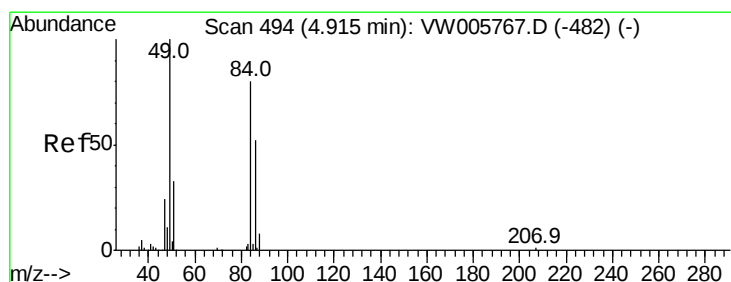
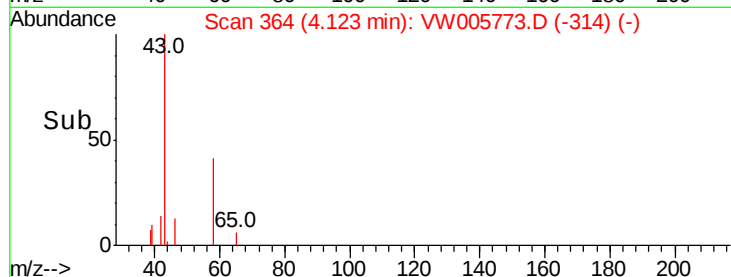
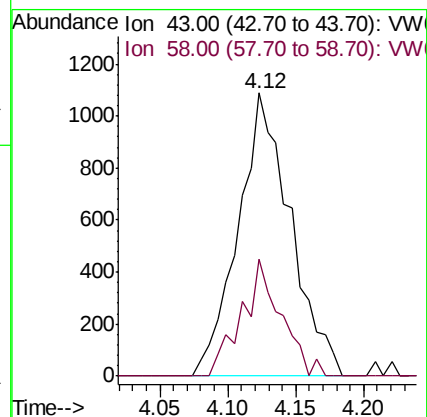
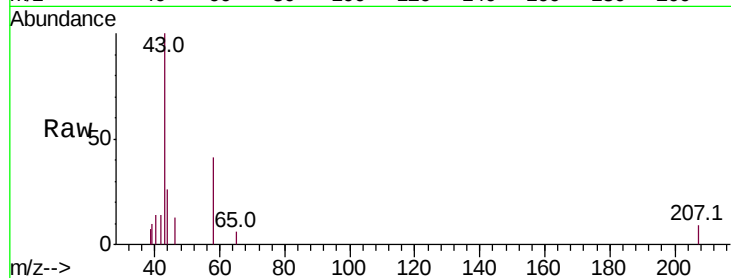
ClientSampled :

Tot Ion: 43 Resp: 2928

Ion Ratio Lower Upper

43 100

58 30.2 0.0 31.8



#16

Methylene chloride

Concen: 3.313 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005773.D

Acq: 02 Oct 2018 13:45

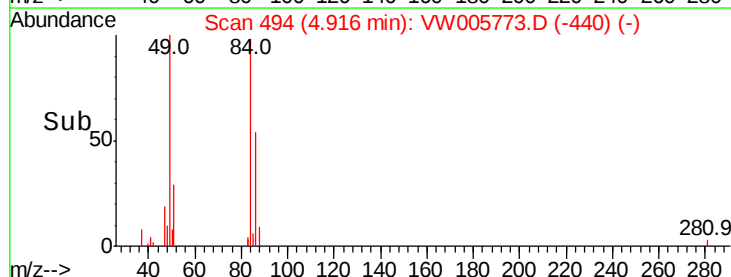
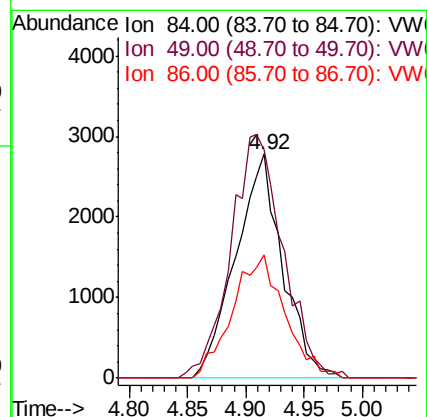
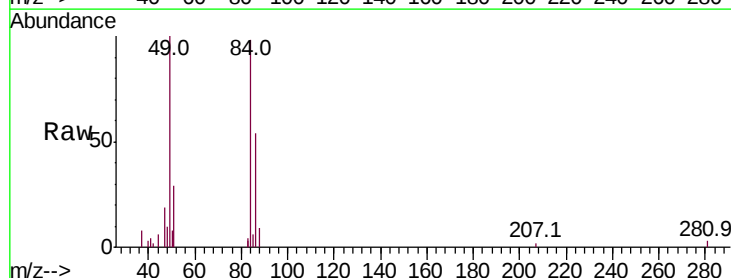
Tgt Ion: 84 Resp: 7795

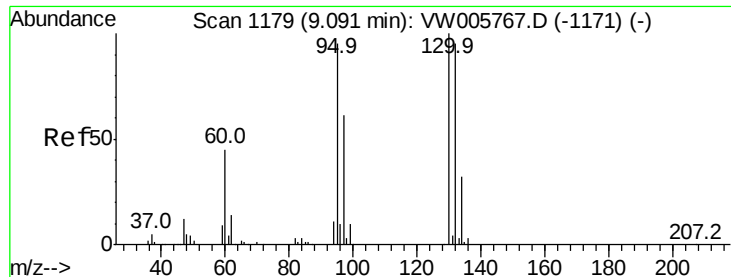
Ion Ratio Lower Upper

84 100

49 101.9 87.2 162.0

86 55.3 43.2 80.2

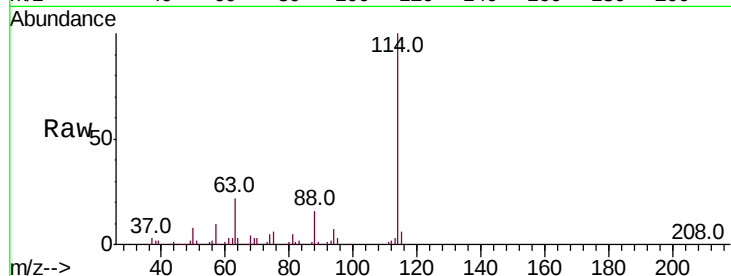




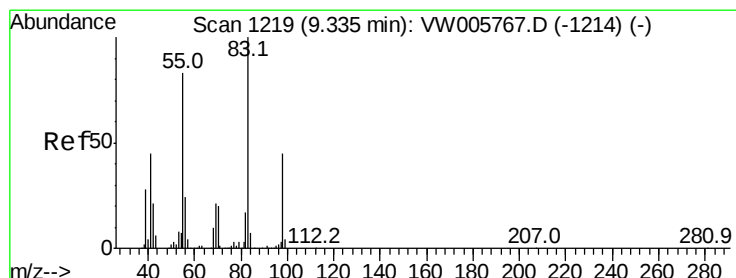
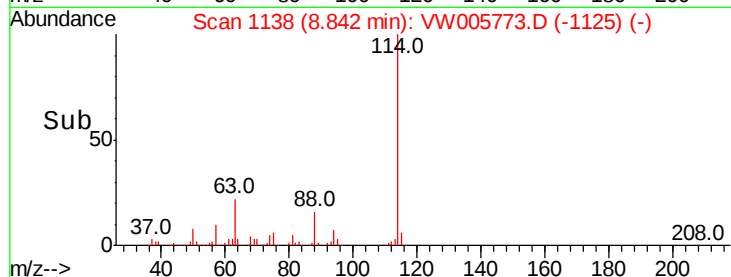
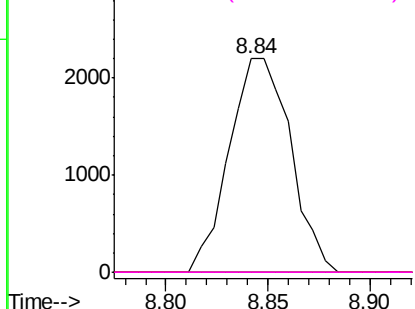
#35
 Trichloroethene
 Concen: 2.157 ug/L
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.25 min
 Lab File: VW005773.D
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 4602
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.2 84.0#
 132 0.0 68.0 126.4#
 130 0.0 71.3 132.5#

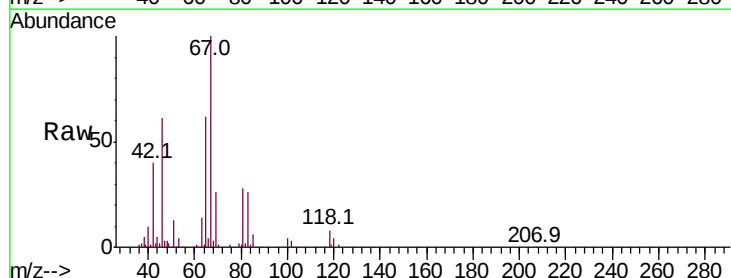


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

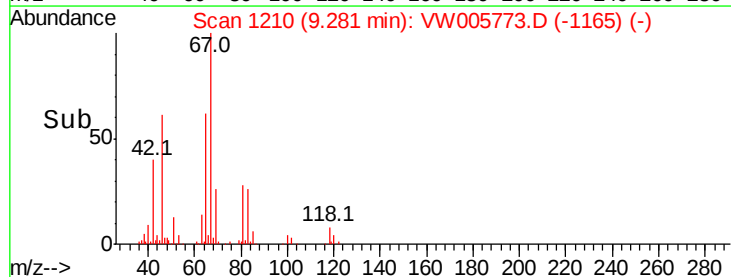
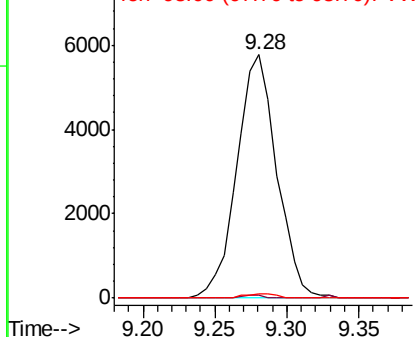


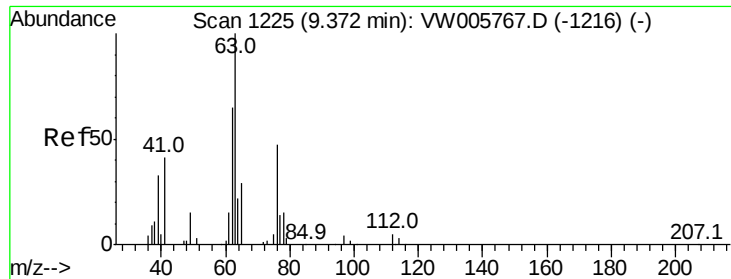
#36
 Methylcyclohexane
 Concen: 2.990 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.05 min
 Lab File: VW005773.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 83 Resp: 11094
 Ion Ratio Lower Upper
 83 100
 55 0.6 62.5 93.7#
 98 1.4 37.7 56.5#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.805 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005773.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_W

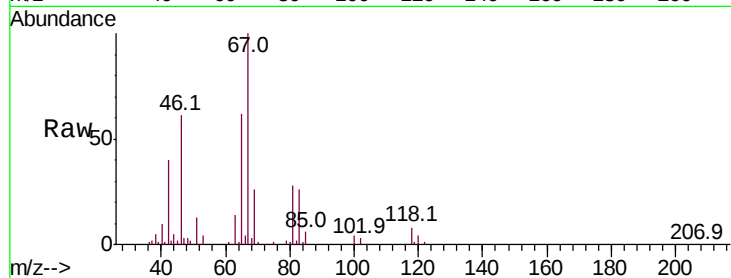
ClientSampleId :

Tot Ion: 63 Resp: 5452

Ion Ratio Lower Upper

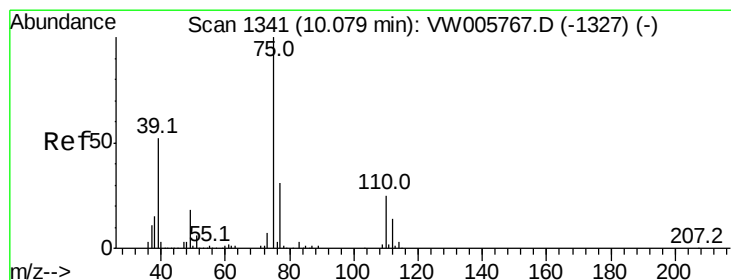
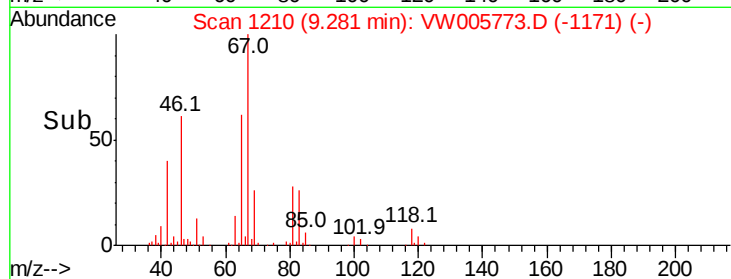
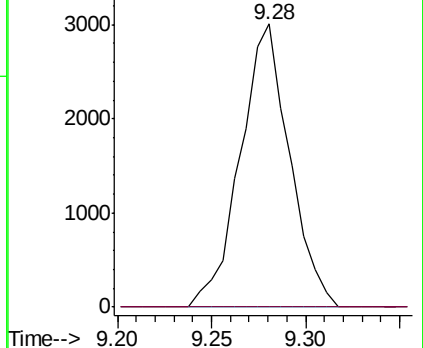
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.431 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005773.D

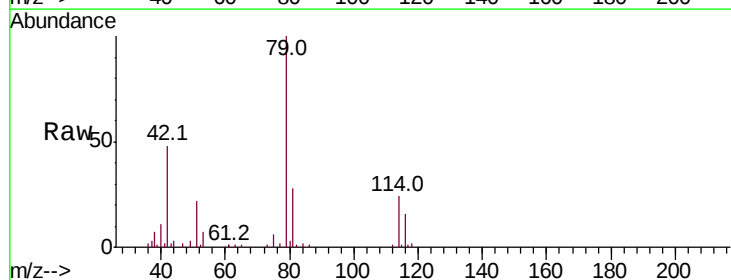
Acq: 02 Oct 2018 13:45

Tgt Ion: 75 Resp: 1383

Ion Ratio Lower Upper

75 100

77 36.3 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

