

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007398.D
 Acq On : 11 Dec 2018 15:50
 Operator : SY/AP
 Sample : J6271-11
 Misc : 6.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:42:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	128868	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	116724	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51763	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22637	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.88%
7) Chloroethane-d5	2.89	69	16606	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.44%
10) 1,1-Dichloroethene-d2	4.01	63	56869	19.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.56%
20) 2-Butanone-d5	7.08	46	22897	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
24) Chloroform-d	7.65	84	79260	26.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.32%
26) 1,2-Dichloroethane-d4	8.31	65	47595	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.04%
29) Benzene-d6	8.27	84	155464	24.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.08%
33) 1,2-Dichloropropane-d6	9.27	67	45053	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.60%
37) Toluene-d8	10.32	98	149557	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.58	79	22291	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.40%
39) 2-Hexanone-d5	10.93	63	18687	42.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	40213	24.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	49277	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

Target Compounds

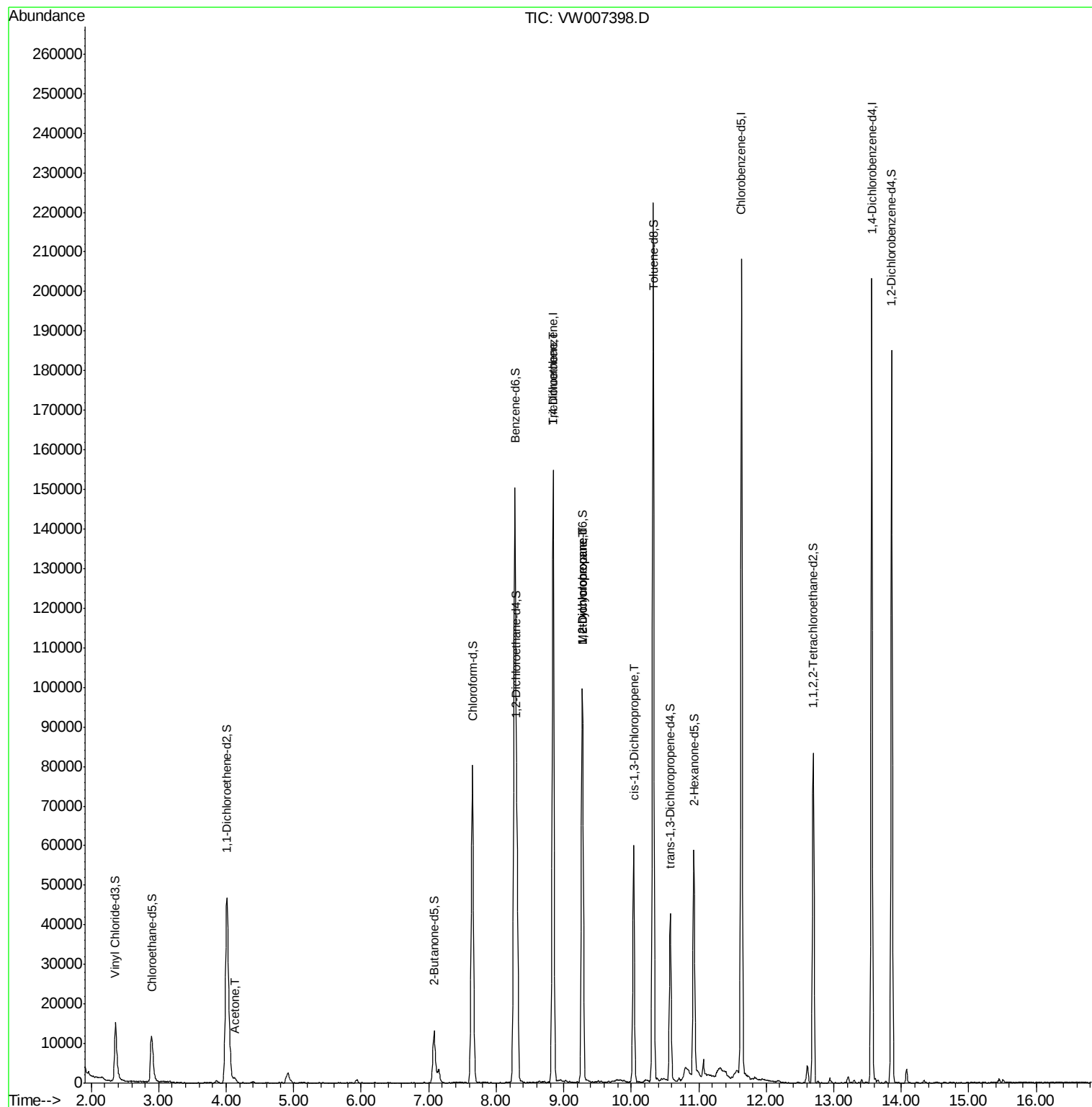
					Ovalue
13) Acetone	4.12	43	1751	2.846 ug/L	73
35) Trichloroethene	8.85	95	4103	2.139 ug/L #	4
36) Methylcyclohexane	9.28	83	11922	3.600 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	5239	3.201 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1573	0.572 ug/L #	54

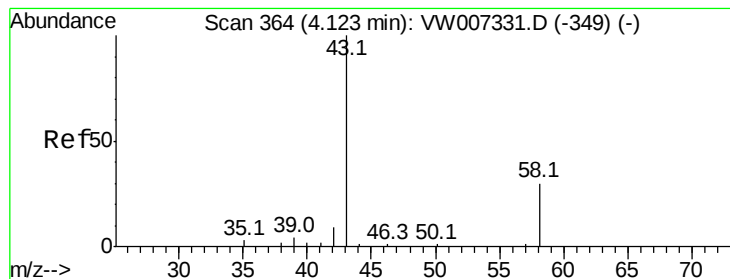
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.846 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007398.D

Acq: 11 Dec 2018 15:50

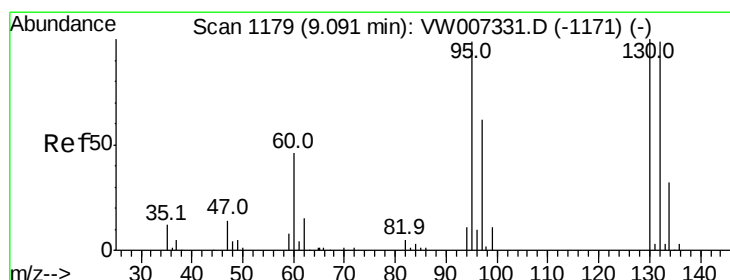
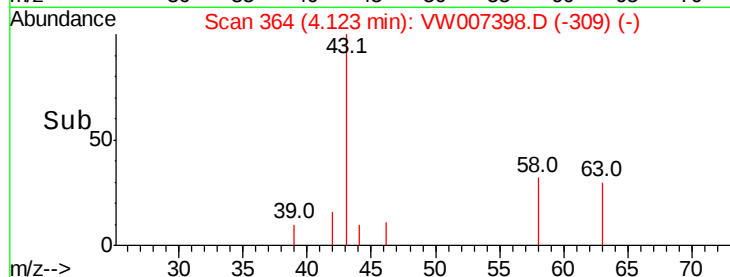
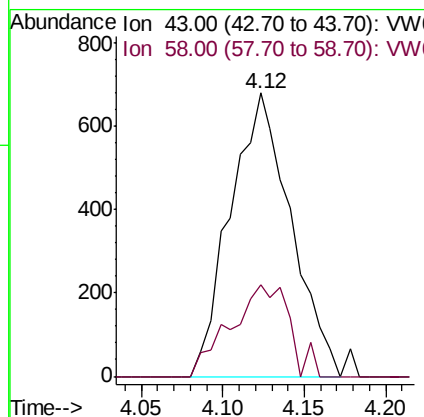
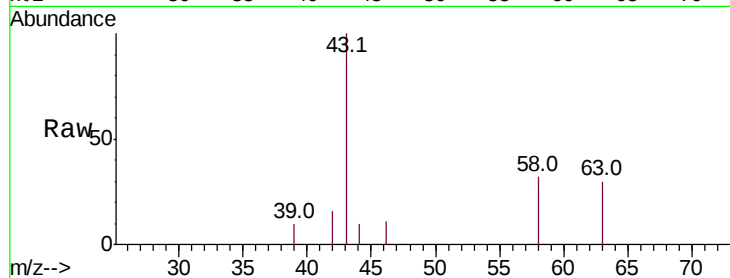
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1751

Ion Ratio Lower Upper

43 100

58 14.9 0.0 59.2



#35

Trichloroethene

Concen: 2.139 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW007398.D

Acq: 11 Dec 2018 15:50

Tgt Ion: 95 Resp: 4103

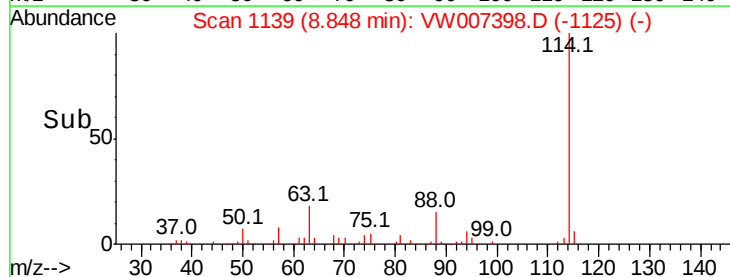
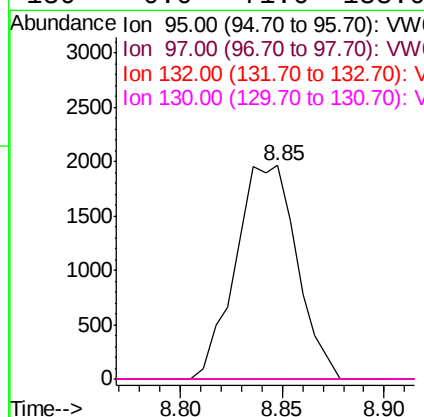
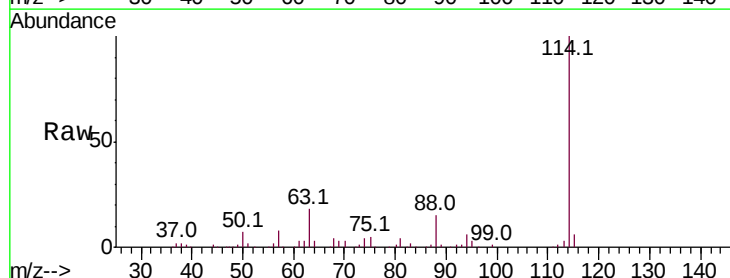
Ion Ratio Lower Upper

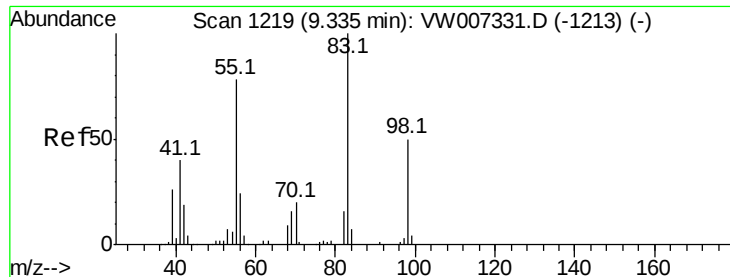
95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

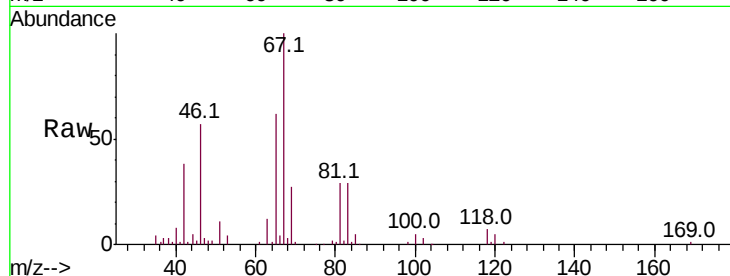




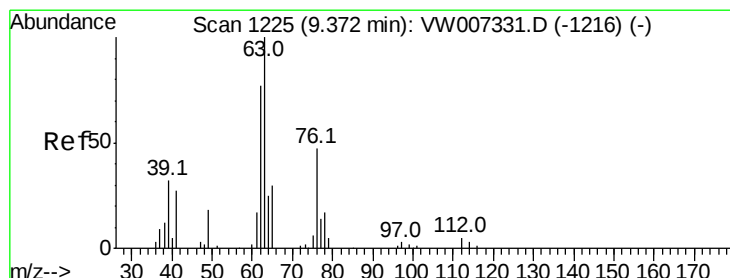
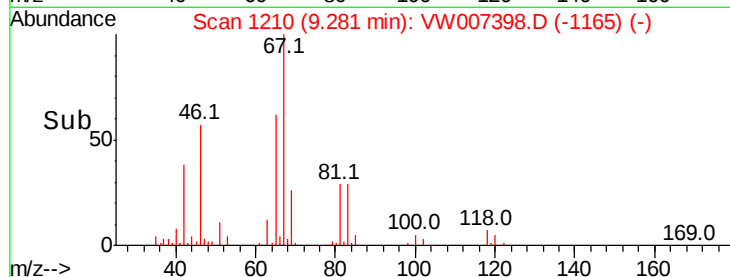
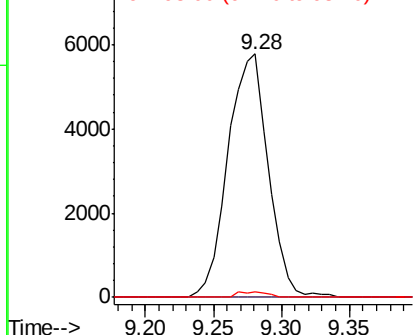
#36
Methylcyclohexane
Concen: 3.600 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW007398.D
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Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 11922
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 1.7 38.1 57.1#

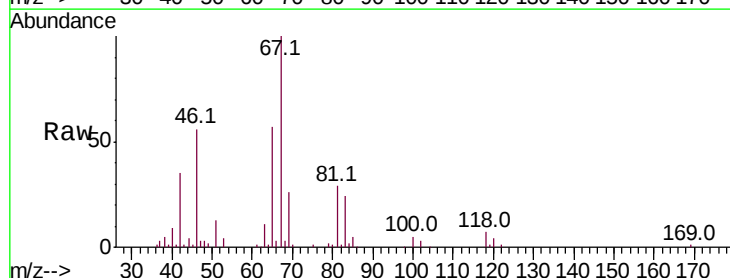


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

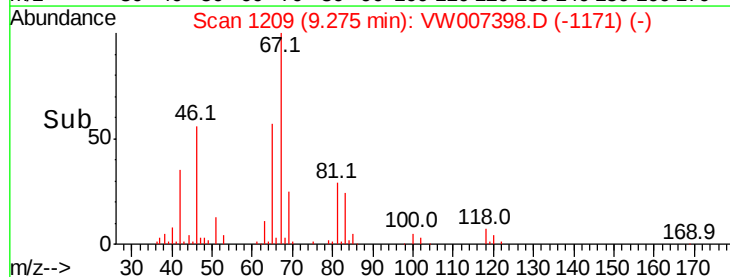
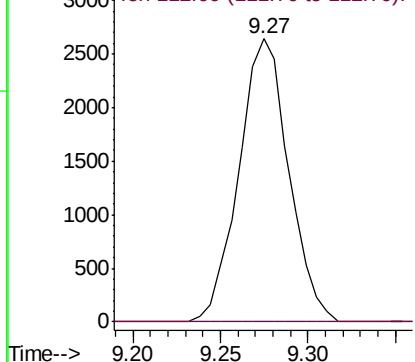


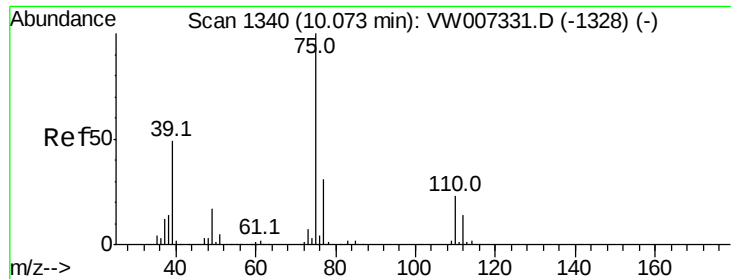
#40
1,2-Dichloropropane
Concen: 3.201 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007398.D
Acq: 11 Dec 2018 15:50

Tgt Ion: 63 Resp: 5239
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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: 0.572 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007398.D

Acq: 11 Dec 2018 15:50

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1573

Ion Ratio Lower Upper

75 100

77 58.7 23.0 42.6#

