

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007399.D
 Acq On : 11 Dec 2018 16:16
 Operator : SY/AP
 Sample : J6271-12
 Misc : 6.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 02:42:18 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	106370	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	98481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	45513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	18406	26.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.28%
7) Chloroethane-d5	2.90	69	13244	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
10) 1,1-Dichloroethene-d2	4.01	63	46165	19.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.28%
20) 2-Butanone-d5	7.08	46	21778	49.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.74%
24) Chloroform-d	7.65	84	62830	25.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.16%
26) 1,2-Dichloroethane-d4	8.31	65	38592	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.08%
29) Benzene-d6	8.27	84	123253	23.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.16%
33) 1,2-Dichloropropane-d6	9.27	67	34319	22.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.92%
37) Toluene-d8	10.32	98	116512	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.58	79	18378	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.20%
39) 2-Hexanone-d5	10.93	63	18330	49.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36135	25.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	41239	25.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.04%

Target Compounds

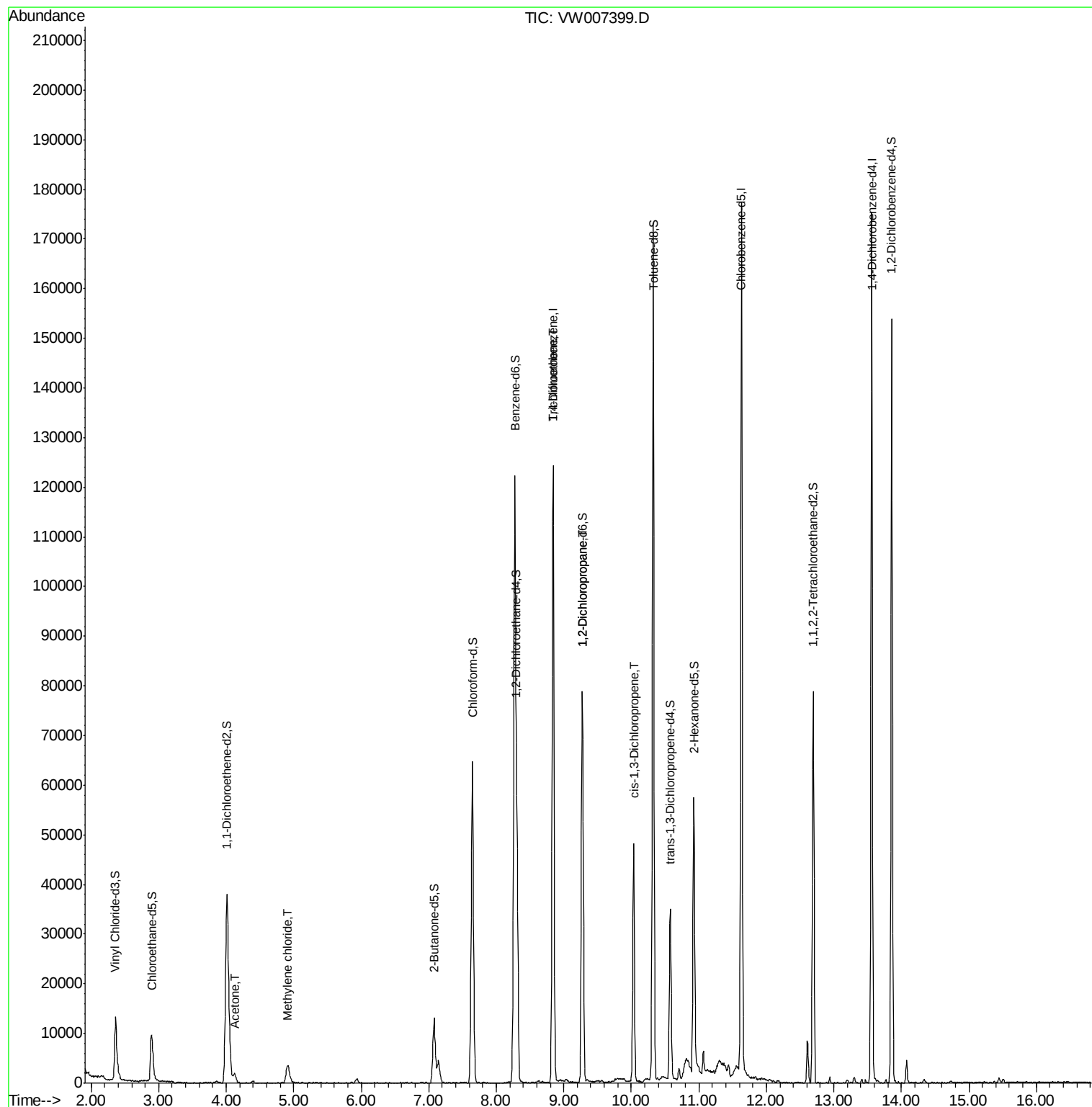
					Ovalue
13) Acetone	4.12	43	2734	5.384 ug/L	54
16) Methylene chloride	4.91	84	3534	2.056 ug/L	92
35) Trichloroethene	8.84	95	3391	2.095 ug/L #	4
40) 1,2-Dichloropropane	9.27	63	4209	3.048 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1175	0.507 ug/L #	59

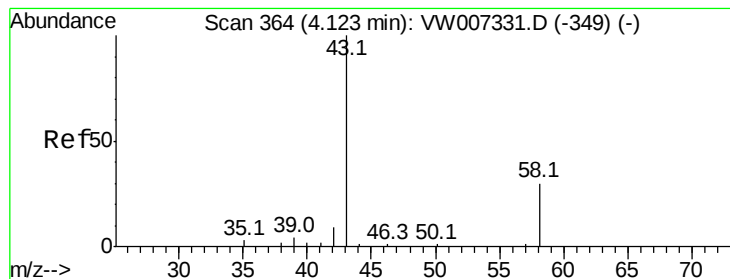
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.384 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007399.D

Acq: 11 Dec 2018 16:16

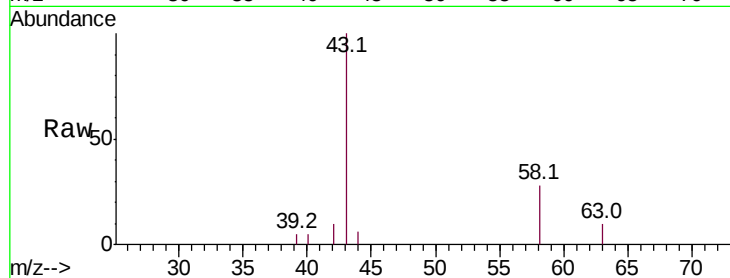
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2734

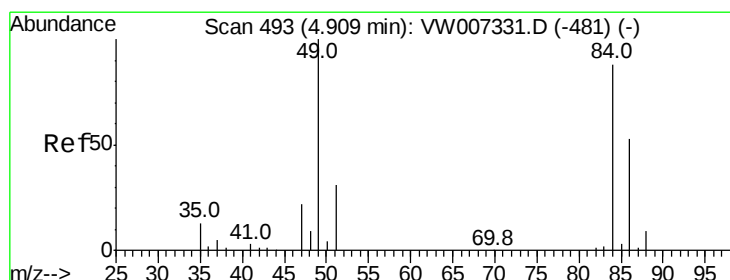
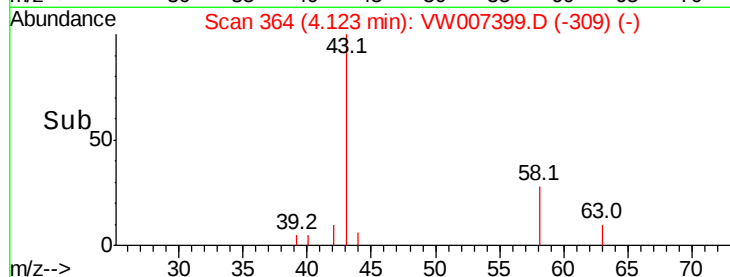
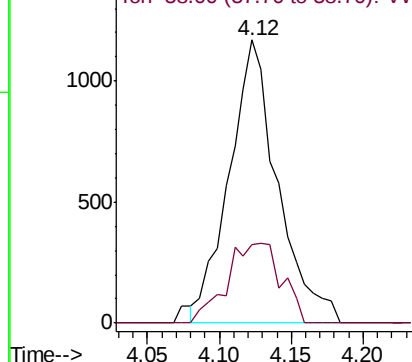
Ion Ratio Lower Upper

43 100

58 4.8 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.056 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW007399.D

Acq: 11 Dec 2018 16:16

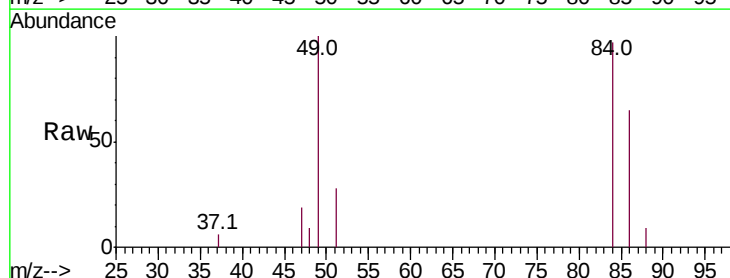
Tgt Ion: 84 Resp: 3534

Ion Ratio Lower Upper

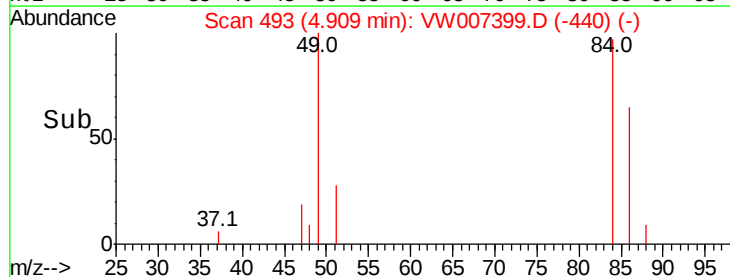
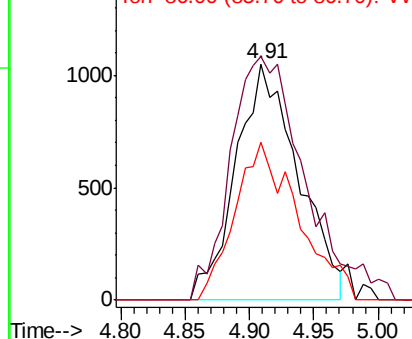
84 100

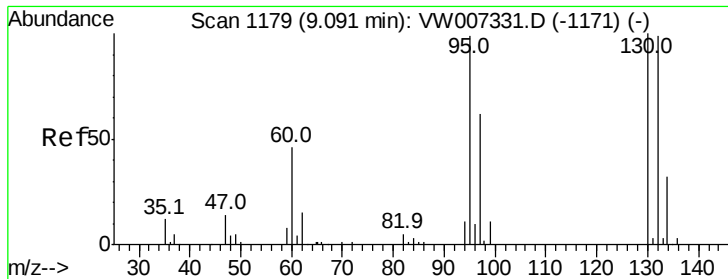
49 103.0 80.8 150.2

86 66.9 45.8 85.2



Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.095 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007399.D

Acq: 11 Dec 2018 16:16

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 3391

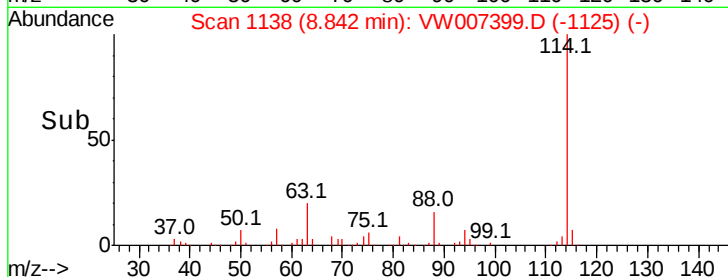
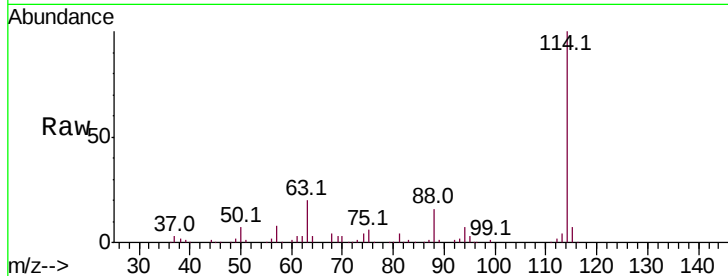
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

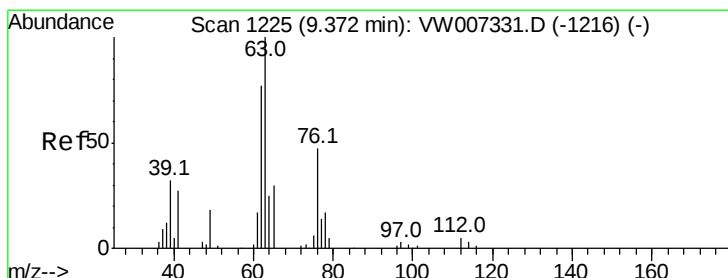
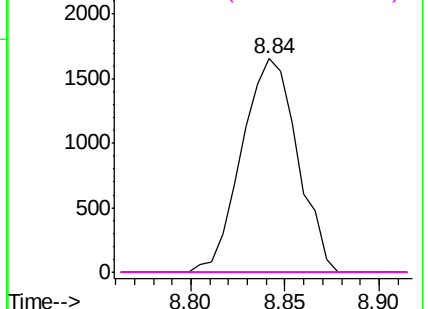


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.048 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007399.D

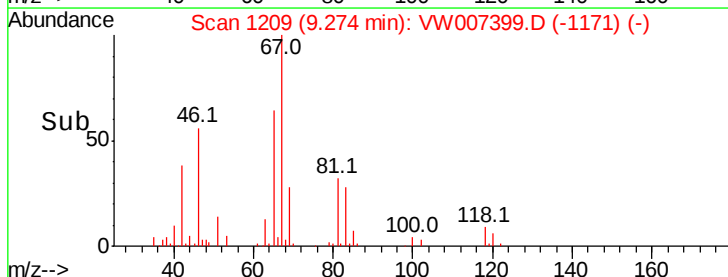
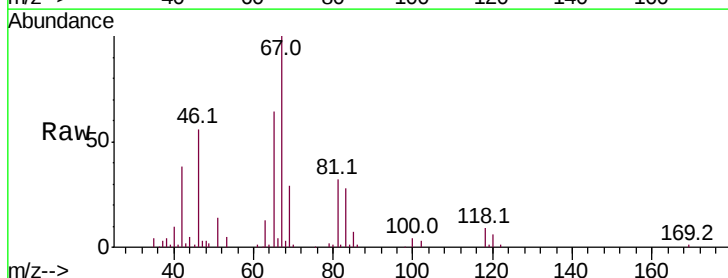
Acq: 11 Dec 2018 16:16

Tgt Ion: 63 Resp: 4209

Ion Ratio Lower Upper

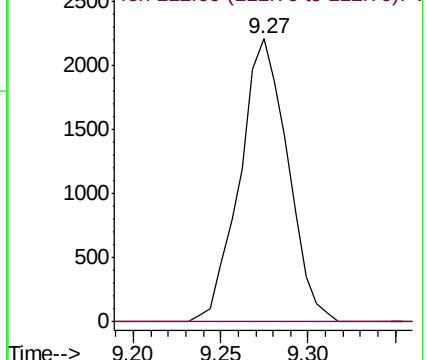
63 100

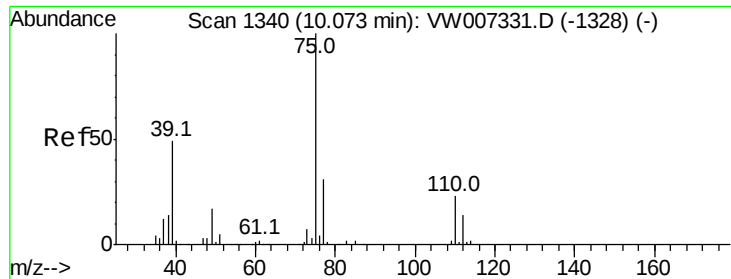
112 0.0 3.6 5.4#



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: 0.507 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007399.D
 Acq: 11 Dec 2018 16:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 1175
 Ion Ratio Lower Upper
 75 100
 77 55.7 23.0 42.6#

