

Data File : VW007435.D
Acq On : 12 Dec 2018 11:45
Operator : SY/AP
Sample : VW1214SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK87

Quant Time: Dec 13 00:43:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 13 00:38:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	124971	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	114817	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	56649	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22074	27.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.48%
7) Chloroethane-d5	2.89	69	15968	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
10) 1,1-Dichloroethene-d2	4.01	63	54746	19.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.00%
20) 2-Butanone-d5	7.07	46	18583	36.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.44%
24) Chloroform-d	7.65	84	72156	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	41591	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.16%
29) Benzene-d6	8.27	84	143264	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.27	67	39983	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	10.32	98	137248	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.88%
38) trans-1,3-Dichloropropene-	10.58	79	20270	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.12%
39) 2-Hexanone-d5	10.93	63	15759	36.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34288	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	49739	24.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.84%

Target Compounds

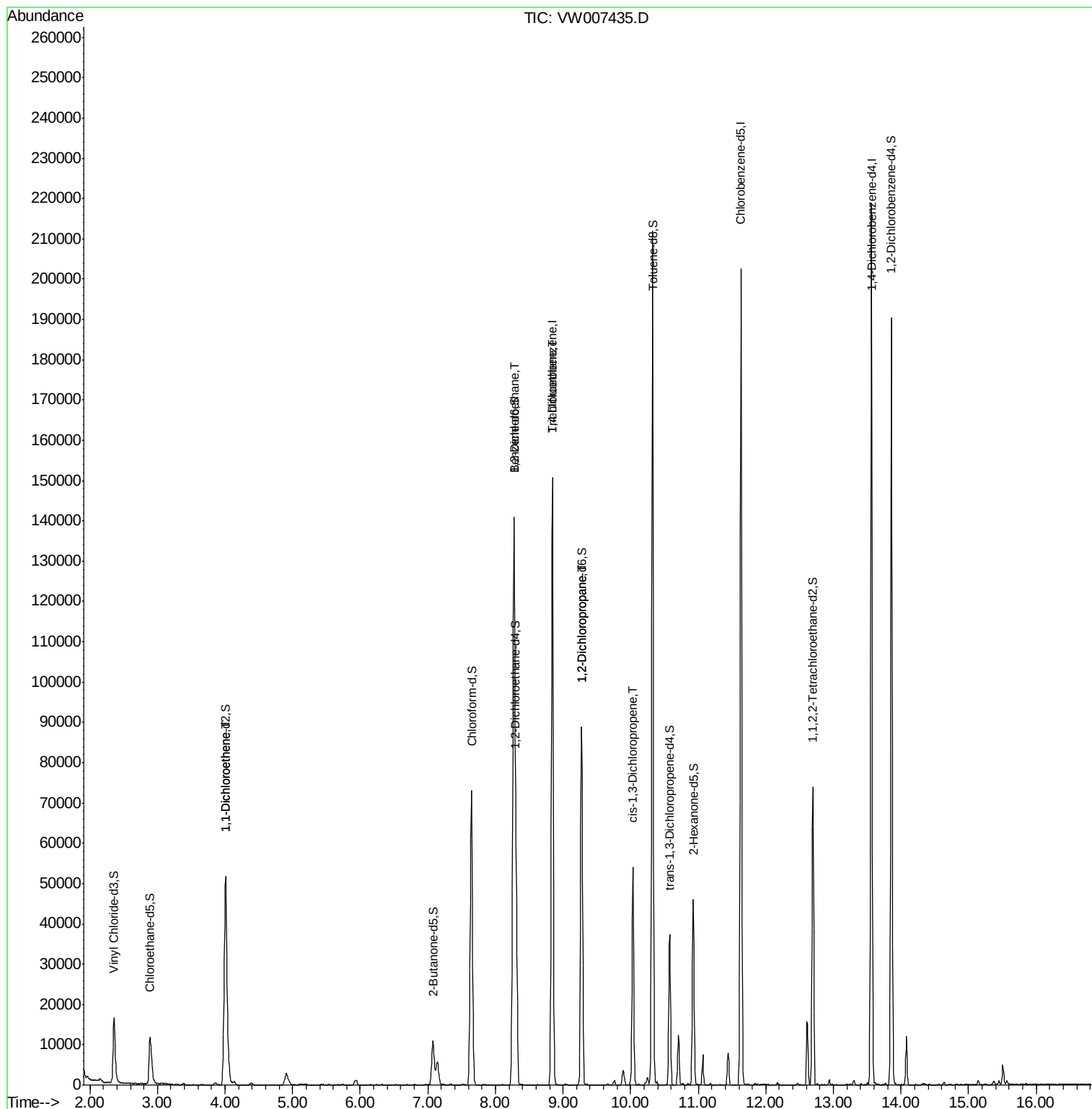
					Qvalue	
12) 1,1-Dichloroethene	4.00	96	500	0.341	ug/L #	1
27) 1,2-Dichloroethane	8.27	62	827	0.398	ug/L #	76
35) Trichloroethene	8.84	95	3922	2.078	ug/L #	4
40) 1,2-Dichloropropane	9.27	63	4779	2.969	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1519	0.562	ug/L #	81

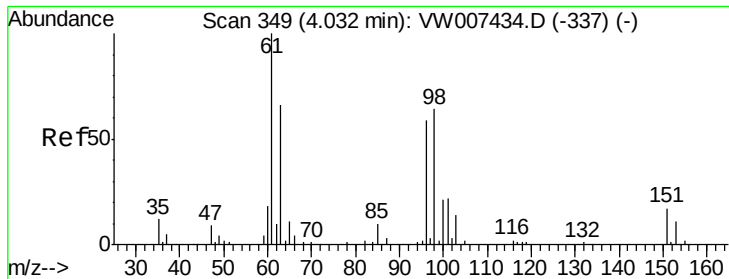
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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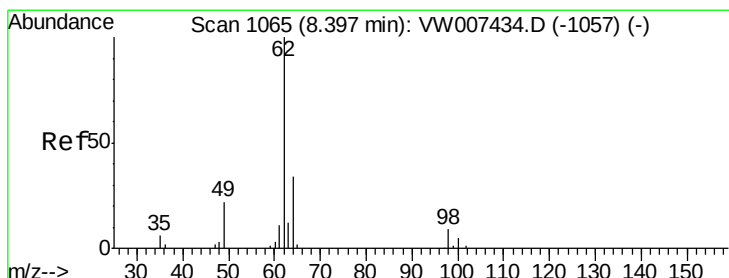
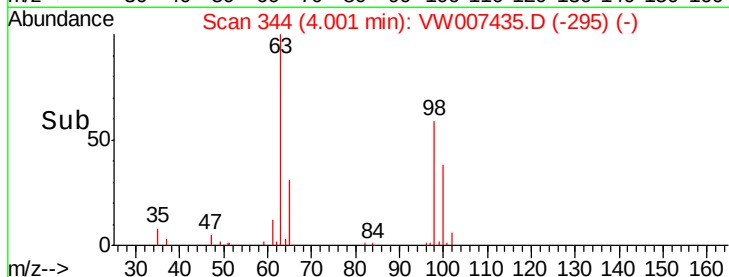
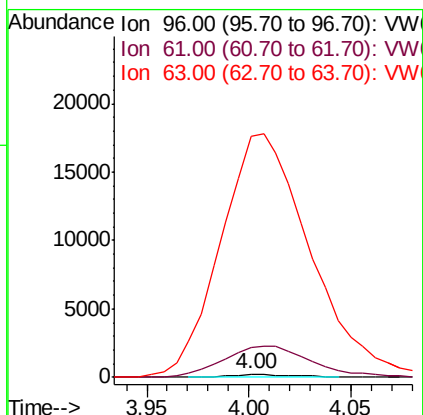
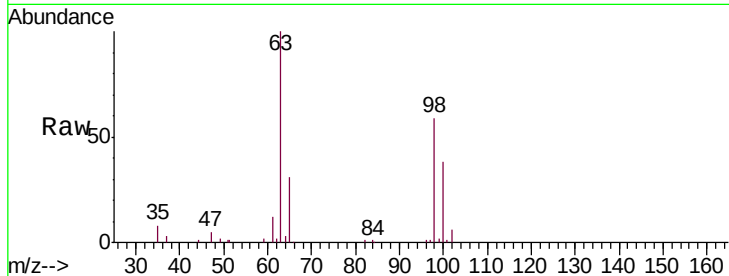




#12
 1,1-Dichloroethene
 Concen: 0.341 ug/L
 RT: 4.00 min Scan# 344
 Delta R.T. -0.03 min
 Lab File: VW007435.D
 Acq: 12 Dec 2018 11:45

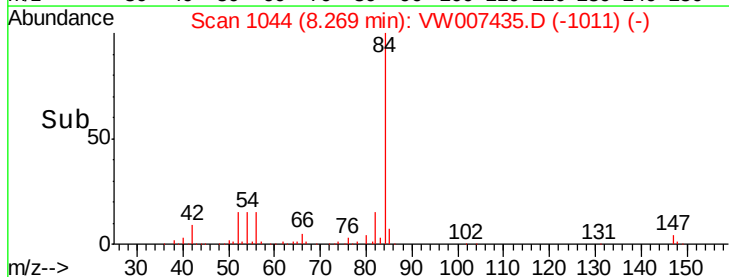
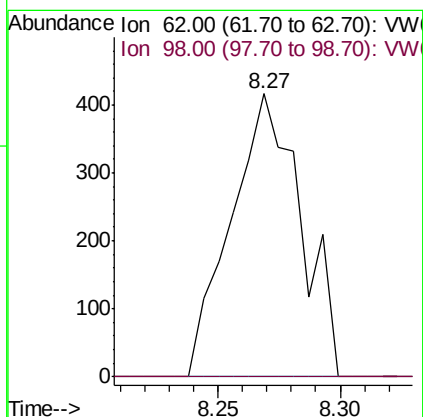
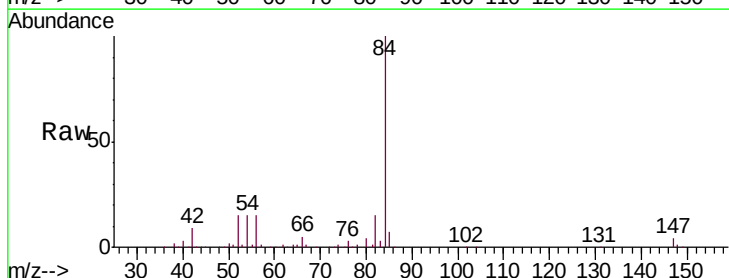
Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK87

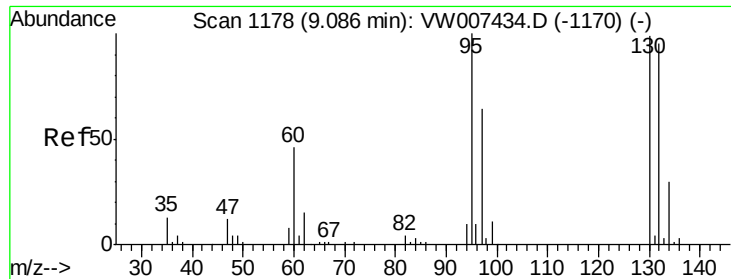
Tgt Ion: 96 Resp: 500
 Ion Ratio Lower Upper
 96 100
 61 969.7 117.2 217.8#
 63 7978.3 89.7 166.7#



#27
 1,2-Dichloroethane
 Concen: 0.398 ug/L
 RT: 8.27 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW007435.D
 Acq: 12 Dec 2018 11:45

Tgt Ion: 62 Resp: 827
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.9 10.3#





#35

Trichloroethene

Concen: 2.078 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007435.D

Acq: 12 Dec 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VBLK87

Tgt Ion: 95 Resp: 3922

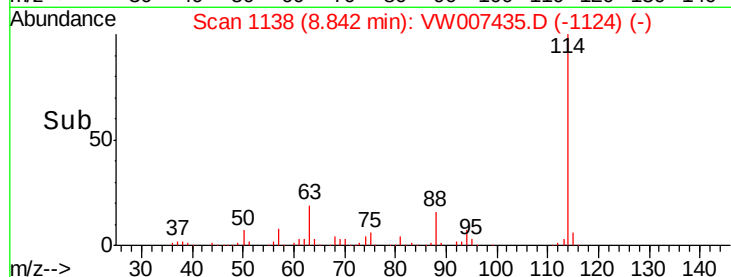
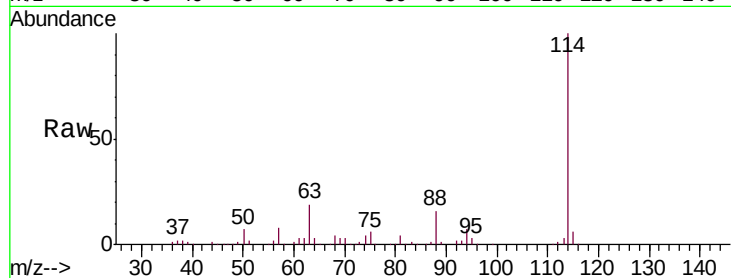
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

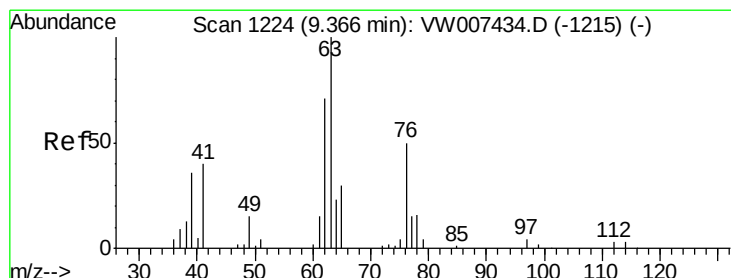
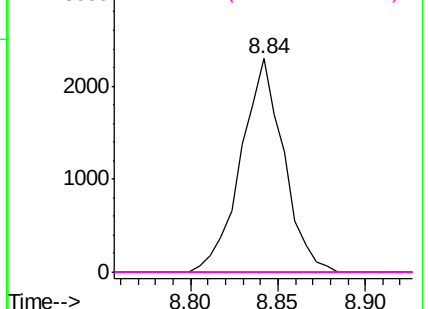


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.969 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007435.D

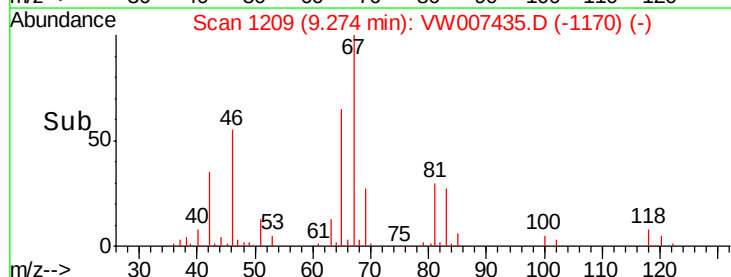
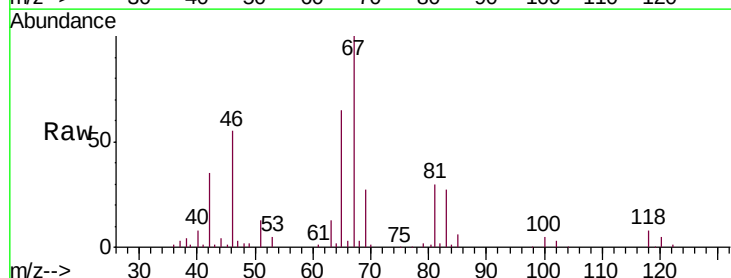
Acq: 12 Dec 2018 11:45

Tgt Ion: 63 Resp: 4779

Ion Ratio Lower Upper

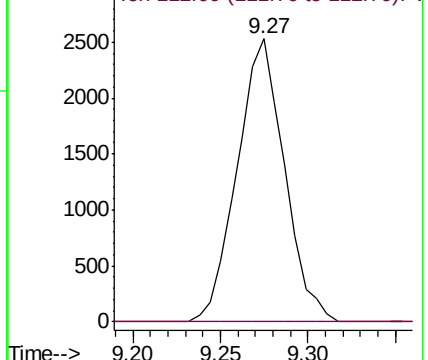
63 100

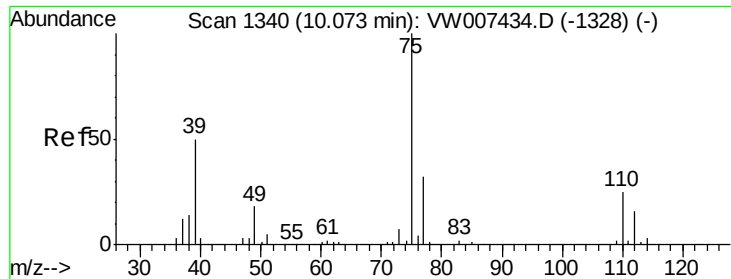
112 0.0 3.6 5.4#



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: 0.562 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007435.D

Acq: 12 Dec 2018 11:45

Instrument :

MSVOA_W

ClientSampleId :

VBLK87

Tgt Ion: 75 Resp: 1519

Ion Ratio Lower Upper

75 100

77 43.3 23.0 42.6#

