

Data File : VW007924.D
Acq On : 26 Dec 2018 15:48
Operator : SY/AP
Sample : J6419-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 27 00:47:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 27 00:43:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	104578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	95870	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	46659	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	22681	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
7) Chloroethane-d5	2.89	69	16029	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
10) 1,1-Dichloroethene-d2	4.01	63	46975	16.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.36%
20) 2-Butanone-d5	7.08	46	17287	39.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.66%
24) Chloroform-d	7.65	84	59625	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	8.31	65	36814	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.28%
29) Benzene-d6	8.27	84	118466	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	9.27	67	31792	21.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.96%
37) Toluene-d8	10.32	98	114253	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	17879	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.93	63	13998	37.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28484	20.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	41522	22.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.12%

Target Compounds

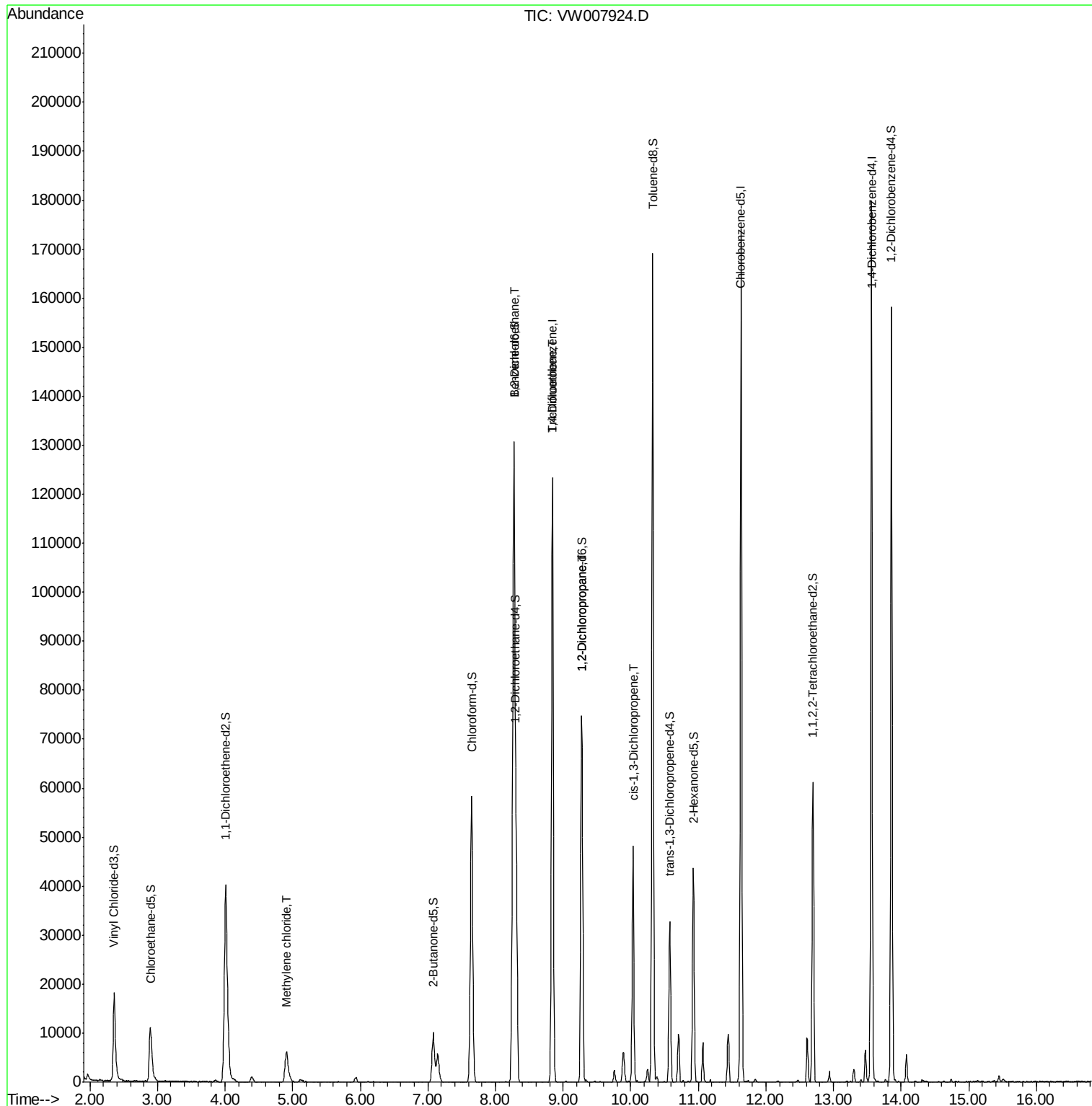
					Qvalue
16) Methylene chloride	4.92	84	5685	3.360 ug/L	94
27) 1,2-Dichloroethane	8.27	62	861	0.478 ug/L #	80
35) Trichloroethene	8.84	95	3476	2.332 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	4224	3.503 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1260	0.599 ug/L #	72

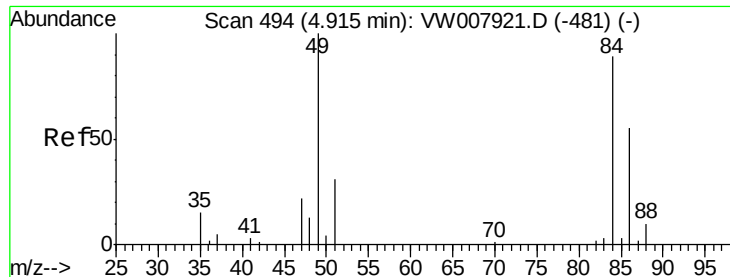
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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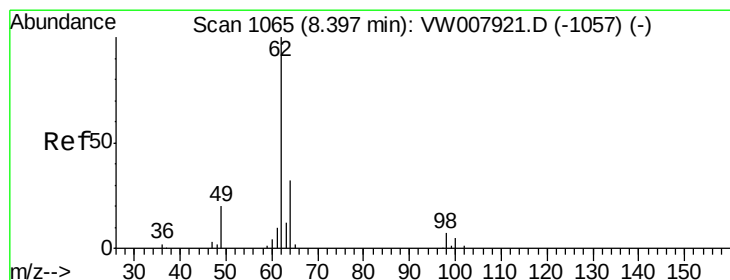
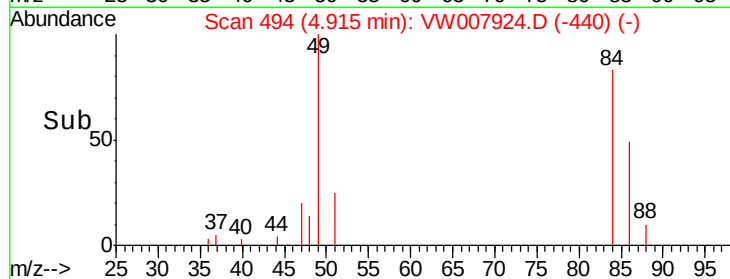
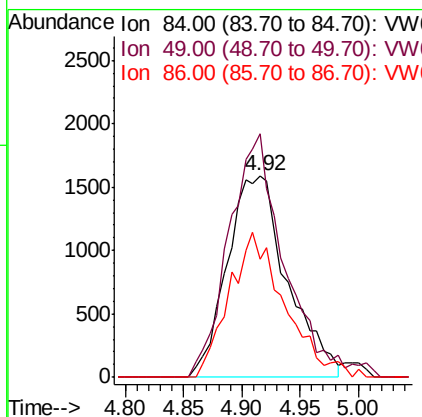
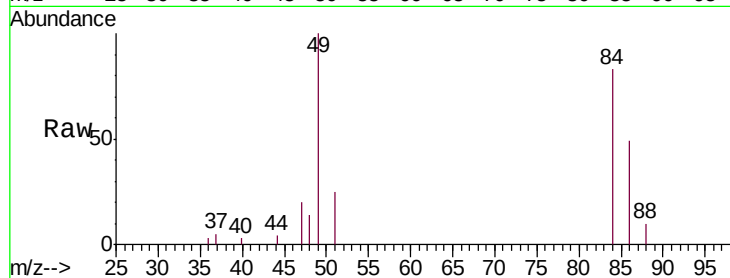




#16
Methylene chloride
Concen: 3.360 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW007924.D
Acq: 26 Dec 2018 15:48

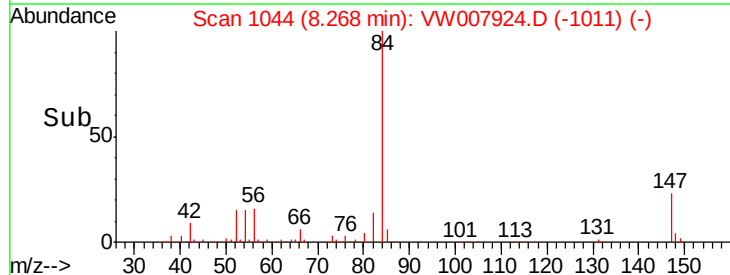
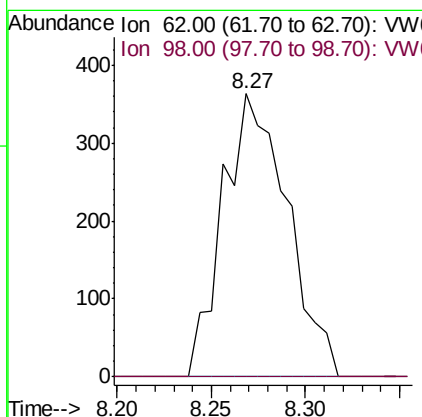
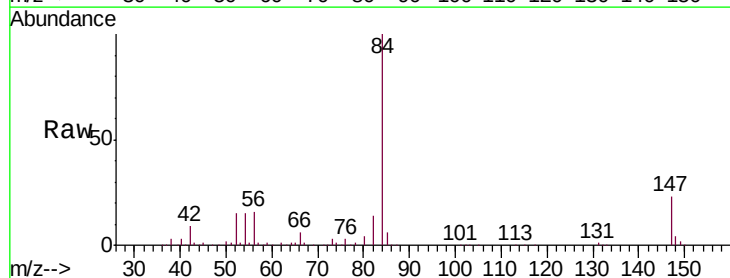
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

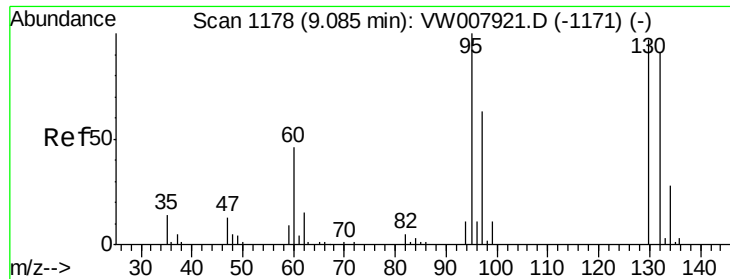
Tgt Ion: 84 Resp: 5685
Ion Ratio Lower Upper
84 100
49 120.7 79.2 147.0
86 58.7 43.2 80.2



#27
1,2-Dichloroethane
Concen: 0.478 ug/L
RT: 8.27 min Scan# 1044
Delta R.T. -0.13 min
Lab File: VW007924.D
Acq: 26 Dec 2018 15:48

Tgt Ion: 62 Resp: 861
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.2#





#35

Trichloroethene

Concen: 2.332 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW007924.D

Acq: 26 Dec 2018 15:48

Instrument :

MSVOA_W

ClientSampled :

VHBLK01

Tgt Ion: 95 Resp: 3476

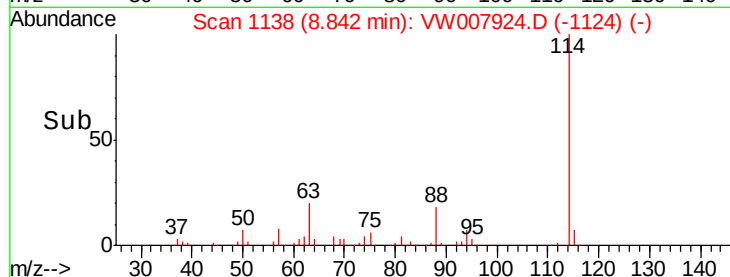
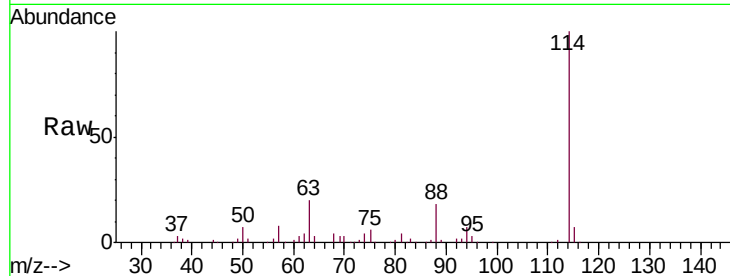
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.5#

132 0.0 67.8 126.0#

130 0.0 70.3 130.7#

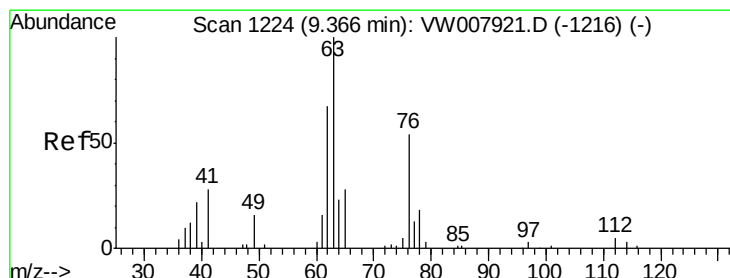
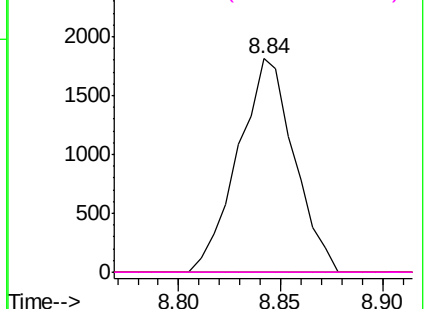


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.503 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW007924.D

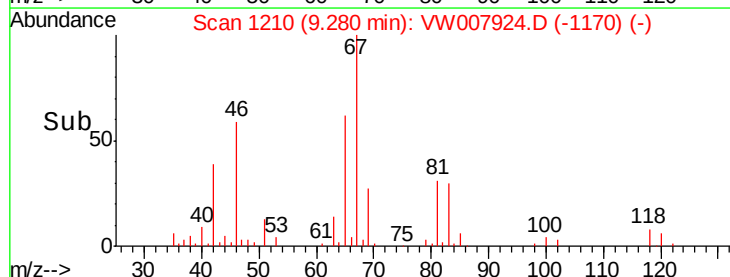
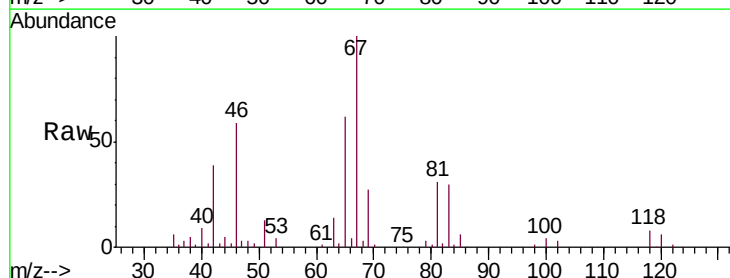
Acq: 26 Dec 2018 15:48

Tgt Ion: 63 Resp: 4224

Ion Ratio Lower Upper

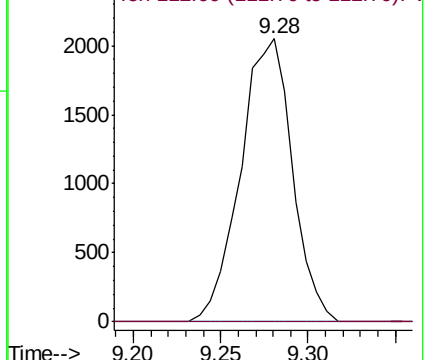
63 100

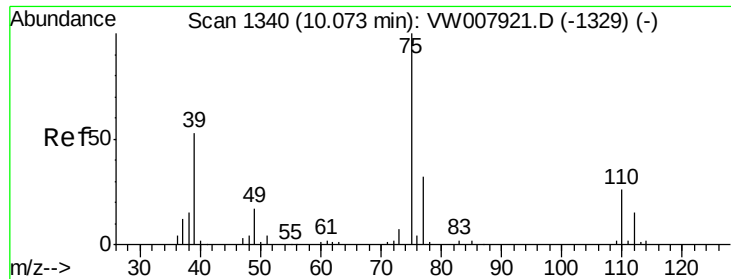
112 0.0 3.7 5.5#



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: 0.599 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007924.D

Acq: 26 Dec 2018 15:48

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 1260

Ion Ratio Lower Upper

75 100

77 48.8 23.0 42.8#

