

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
 Data File : VW004509.D
 Acq On : 07 Aug 2018 22:55
 Operator : SY/AP
 Sample : J4327-02
 Misc : 11.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-02-007-ABCD

Quant Time: Aug 08 07:41:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 08 05:39:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	36375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	34281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	11374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.30	65	313	0.69	ug/L	-0.05
Spiked Amount	25.000	Range	30 - 150	Recovery	=	2.76%#
7) Chloroethane-d5	2.99	69	42	0.11	ug/L	0.10
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.44%#
10) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	7.92	84	175	0.18	ug/L	0.27
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.72%#
26) 1,2-Dichloroethane-d4	8.31	65	15523	28.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.08%
29) Benzene-d6	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	20 - 135	Recovery	=	0.00%#
33) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L	
Spiked Amount	25.000	Range	70 - 120	Recovery	=	0.00%#
37) Toluene-d8	10.33	98	33006	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.12%
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.00%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.00%#
61) 1,2-Dichlorobenzene-d4	13.57	152	10986	25.72	ug/L	-0.29
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

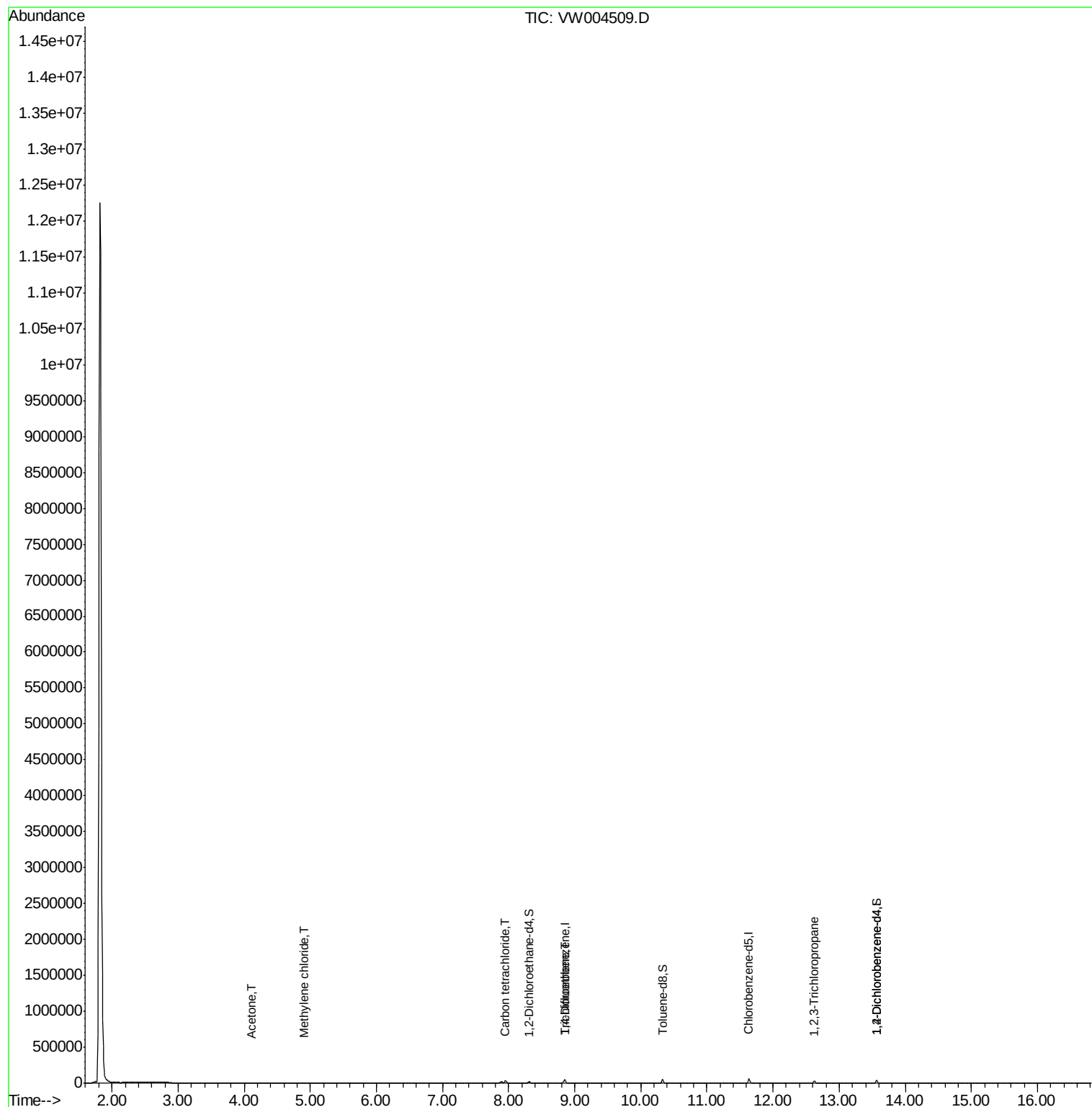
					Qvalue
13) Acetone	4.12	43	618	3.576	ug/L 70
16) Methylene chloride	4.90	84	1558	2.156	ug/L 79
32) Carbon tetrachloride	7.95	117	2462	3.507	ug/L # 4
35) Trichloroethene	8.85	95	1260	2.370	ug/L # 5
59) 1,2,3-Trichloropropane	12.62	75	4671	9.902	ug/L # 46

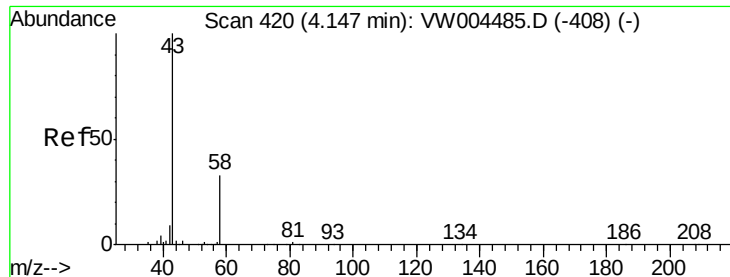
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.576 ug/L

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

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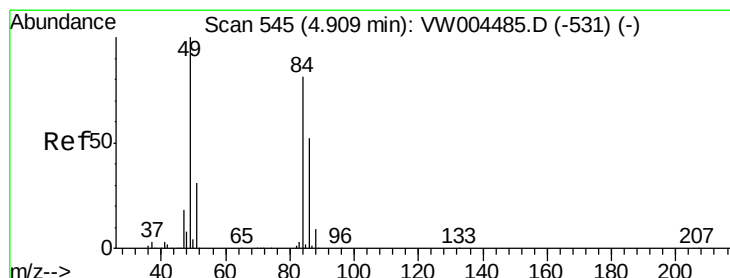
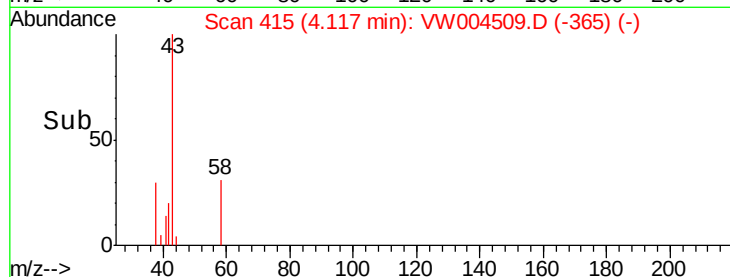
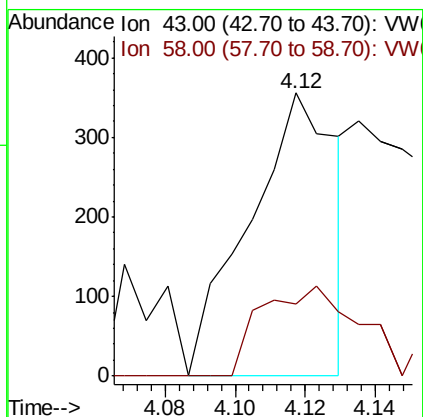
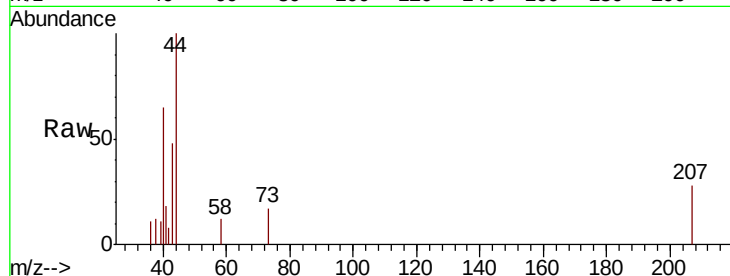
FK-BPM-02-007-ABCD

Tgt Ion: 43 Resp: 618

Ion Ratio Lower Upper

43 100

58 16.0 0.0 66.4



#16

Methylene chloride

Concen: 2.156 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

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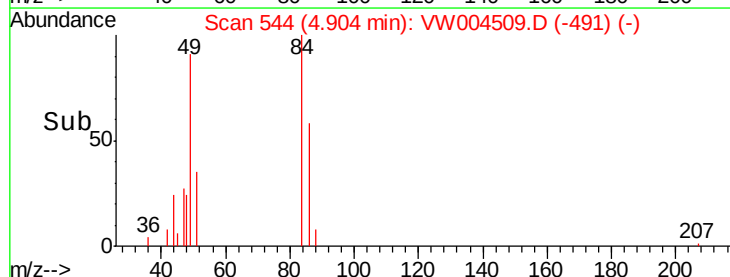
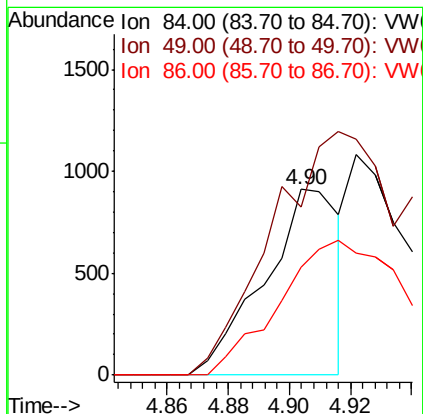
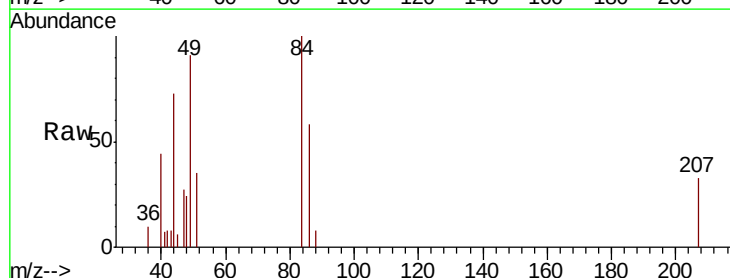
Tgt Ion: 84 Resp: 1558

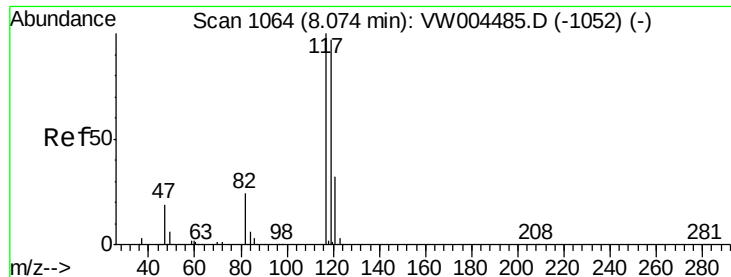
Ion Ratio Lower Upper

84 100

49 90.6 86.0 159.6

86 57.8 43.5 80.9





#32

Carbon tetrachloride

Concen: 3.507 ug/L

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

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Instrument :

MSVOA_W

ClientSampleId :

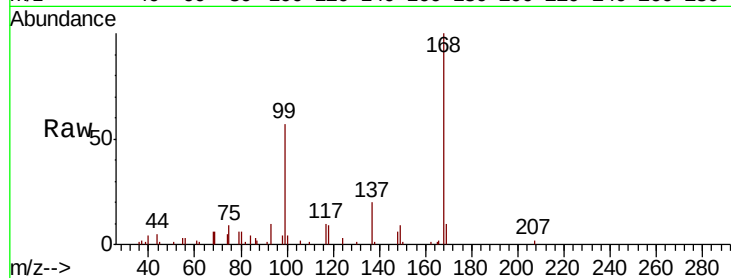
FK-BPM-02-007-ABCD

Tgt Ion: 117 Resp: 2462

Ion Ratio Lower Upper

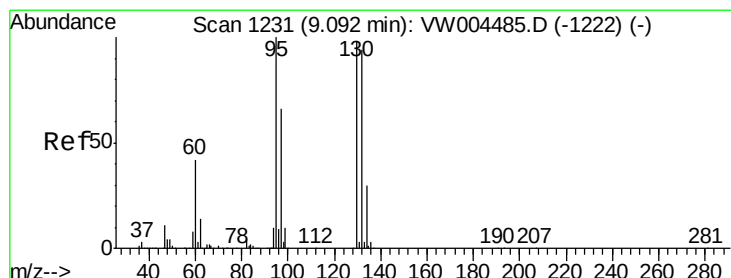
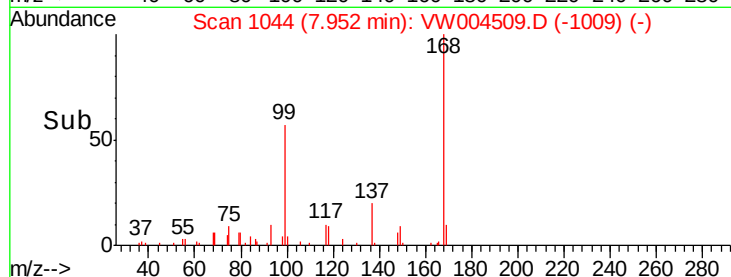
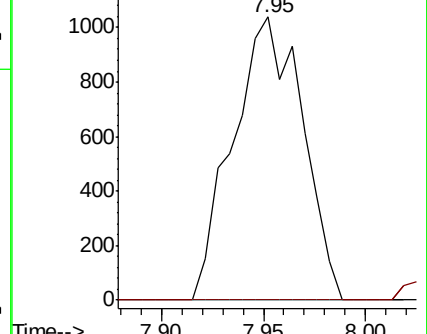
117 100

119 1.8 76.5 114.7#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#35

Trichloroethene

Concen: 2.370 ug/L

RT: 8.85 min Scan# 1192

Delta R.T. -0.24 min

Lab File: VW004509.D

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Tgt Ion: 95 Resp: 1260

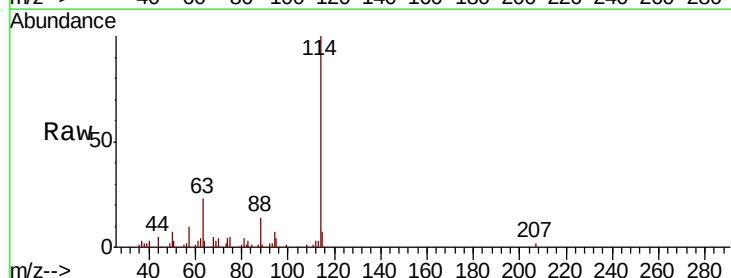
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 67.6 125.6#

130 0.0 69.1 128.3#

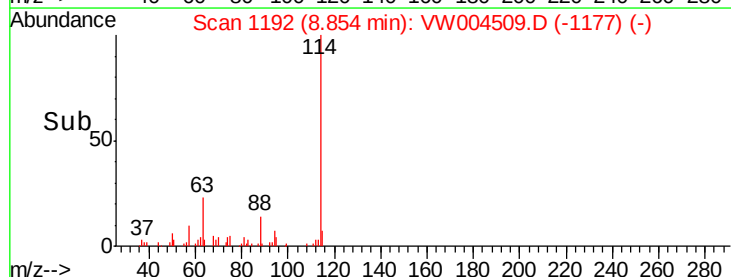
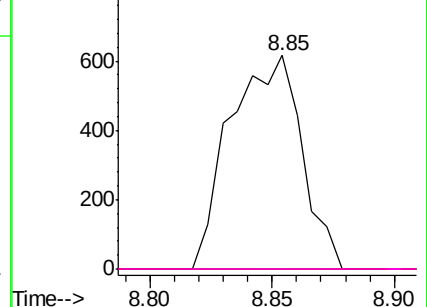


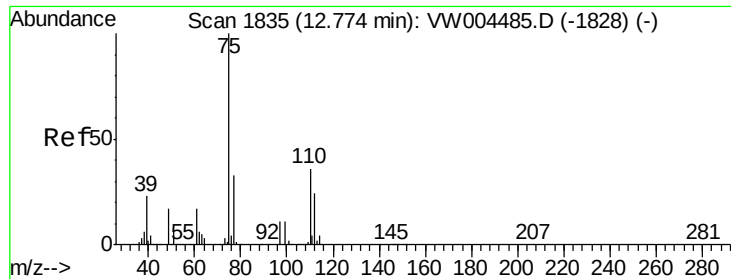
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#59

1,2,3-Trichloropropane

Concen: 9.902 ug/L

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

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Tgt Ion: 75 Resp: 4671

Ion Ratio Lower Upper

75 100

77 1.6 25.3 37.9#

