

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082818\
 Data File : VW004992.D
 Acq On : 28 Aug 2018 18:07
 Operator : SY/AP
 Sample : J4678-02
 Misc : 5.75G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FC3

Quant Time: Aug 29 05:32:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 29 04:23:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	509551	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	566833	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	262426	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	211642	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.92%
7) Chloroethane-d5	2.89	69	165056	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
10) 1,1-Dichloroethene-d2	4.02	63	225606	18.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.36%
20) 2-Butanone-d5	7.09	46	128555	65.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.16%
24) Chloroform-d	7.65	84	279783	24.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.92%
26) 1,2-Dichloroethane-d4	8.31	65	177300	28.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.36%
29) Benzene-d6	8.28	84	642138	22.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.08%
33) 1,2-Dichloropropane-d6	9.28	67	193961	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	10.33	98	672998	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	10.59	79	82474	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	10.93	63	123708	58.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	234116	27.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	280231	26.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.32%

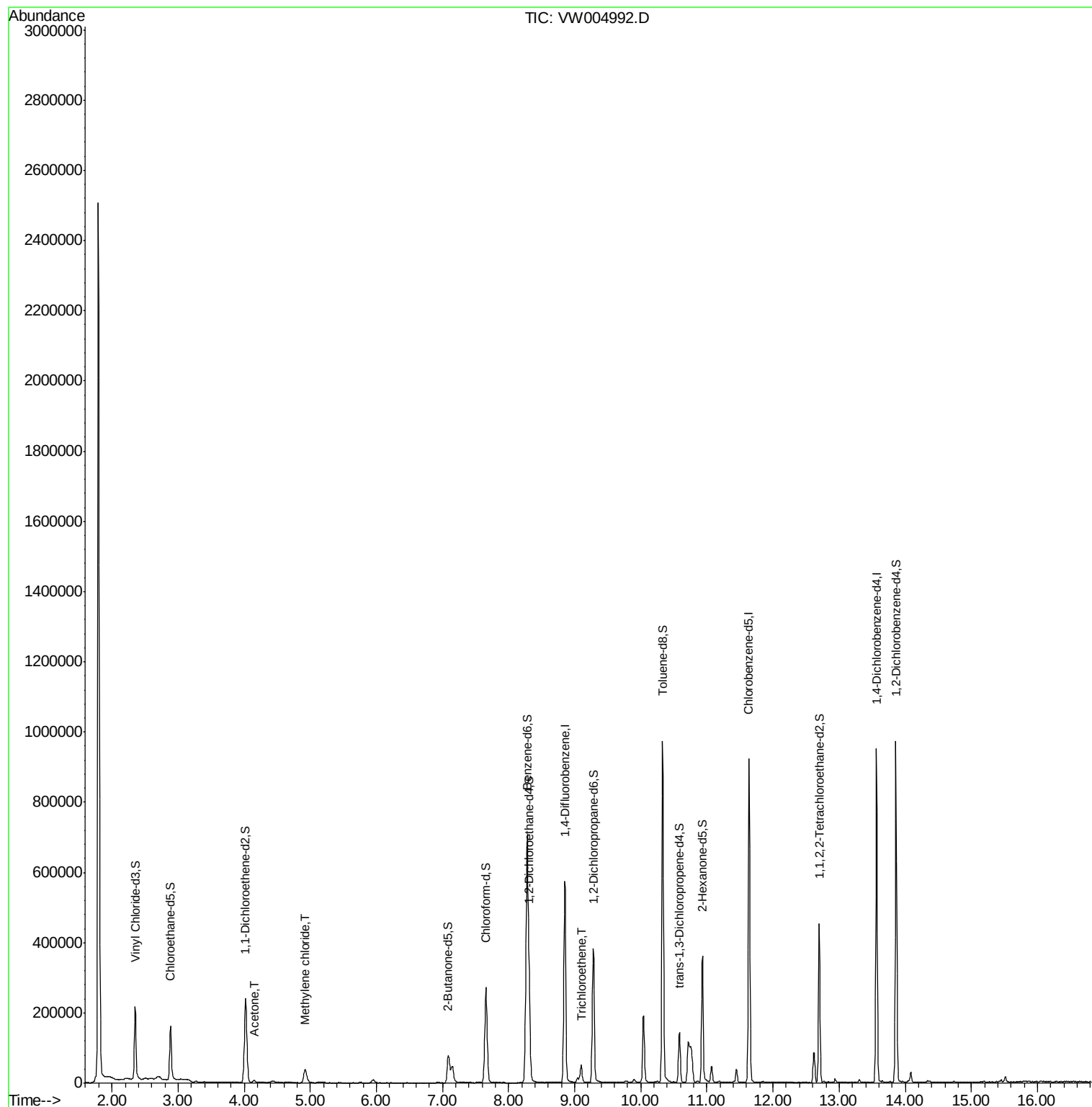
Target Compounds						Ovalue
13) Acetone	4.15	43	6136	4.04	ug/L	84
16) Methylene chloride	4.92	84	31604	3.20	ug/L	86
35) Trichloroethene	9.10	95	17585	2.19	ug/L	99

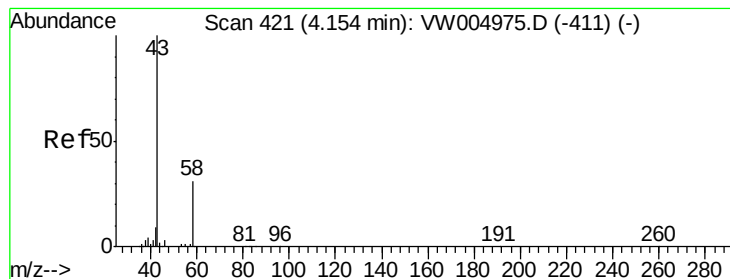
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.04 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

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Acq: 28 Aug 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

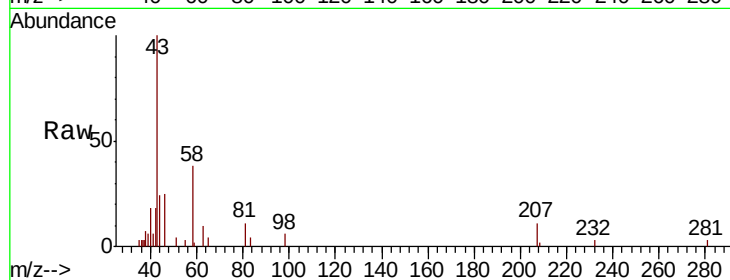
E5FC3

Tot Ion: 43 Resp: 6136

Ion Ratio Lower Upper

43 100

58 25.5 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2500

2000

1500

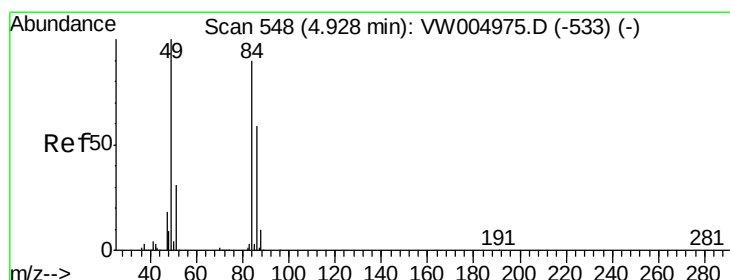
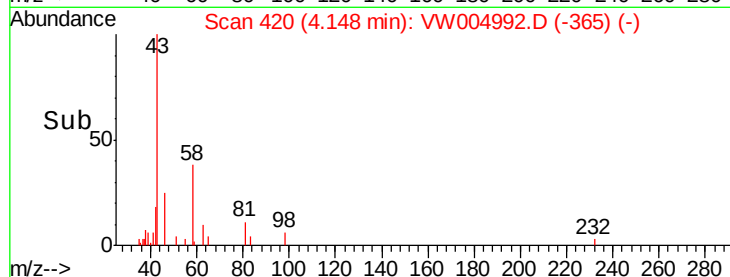
1000

500

0

4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 3.20 ug/L

RT: 4.92 min Scan# 546

Delta R.T. -0.01 min

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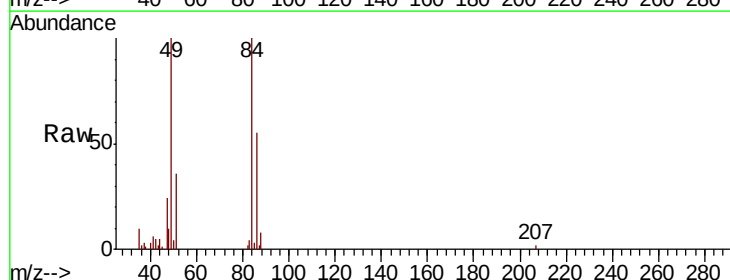
Tgt Ion: 84 Resp: 31604

Ion Ratio Lower Upper

84 100

49 100.1 83.8 155.6

86 55.3 42.6 79.0



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

15000

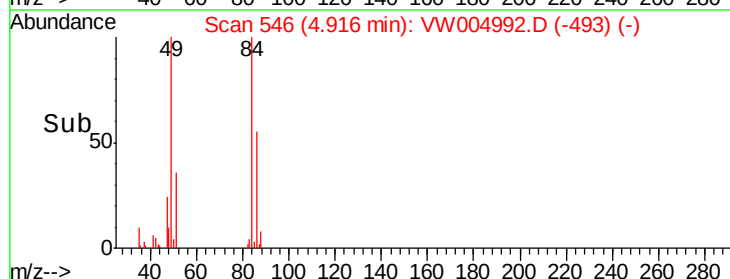
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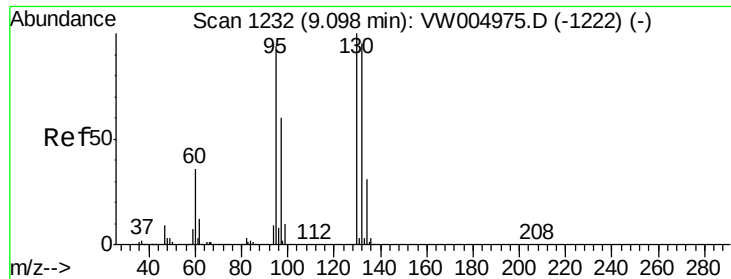
5000

0

4.80 4.90 5.00

Time-->





#35

Trichloroethene

Concen: 2.19 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

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Acq: 28 Aug 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

E5FC3

Tot Ion: 95 Resp: 17585

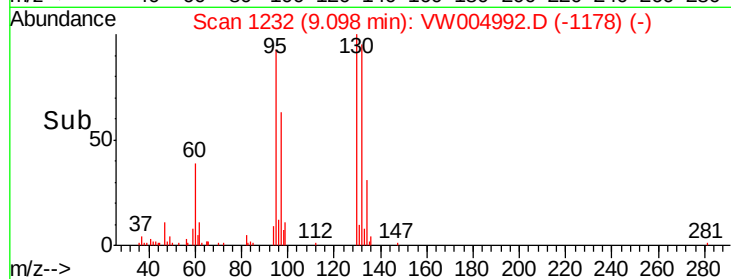
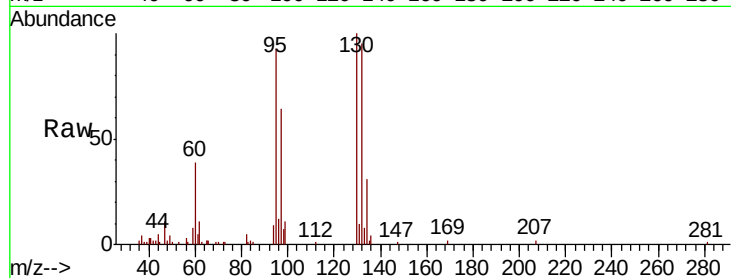
Ion Ratio Lower Upper

95 100

97 65.8 45.9 85.3

132 100.1 69.2 128.4

130 102.6 72.7 135.1



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

