

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081618\
 Data File : VW004697.D
 Acq On : 15 Aug 2018 14:57
 Operator : SY/AP
 Sample : J4485-01
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 02:40:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	894211	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	869846	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	362961	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	343582	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.68%
7) Chloroethane-d5	2.89	69	269561	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	4.01	63	474575	18.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.04%
20) 2-Butanone-d5	7.09	46	134206	34.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.80%
24) Chloroform-d	7.65	84	601342	25.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.36%
26) 1,2-Dichloroethane-d4	8.25	65	162	0.01	ug/L	-0.06
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	1196451	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.28	67	378260	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
37) Toluene-d8	10.33	98	1043411	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	10.59	79	132300	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.00%
39) 2-Hexanone-d5	10.93	63	107341	35.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.90%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	279850	19.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	355220	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds

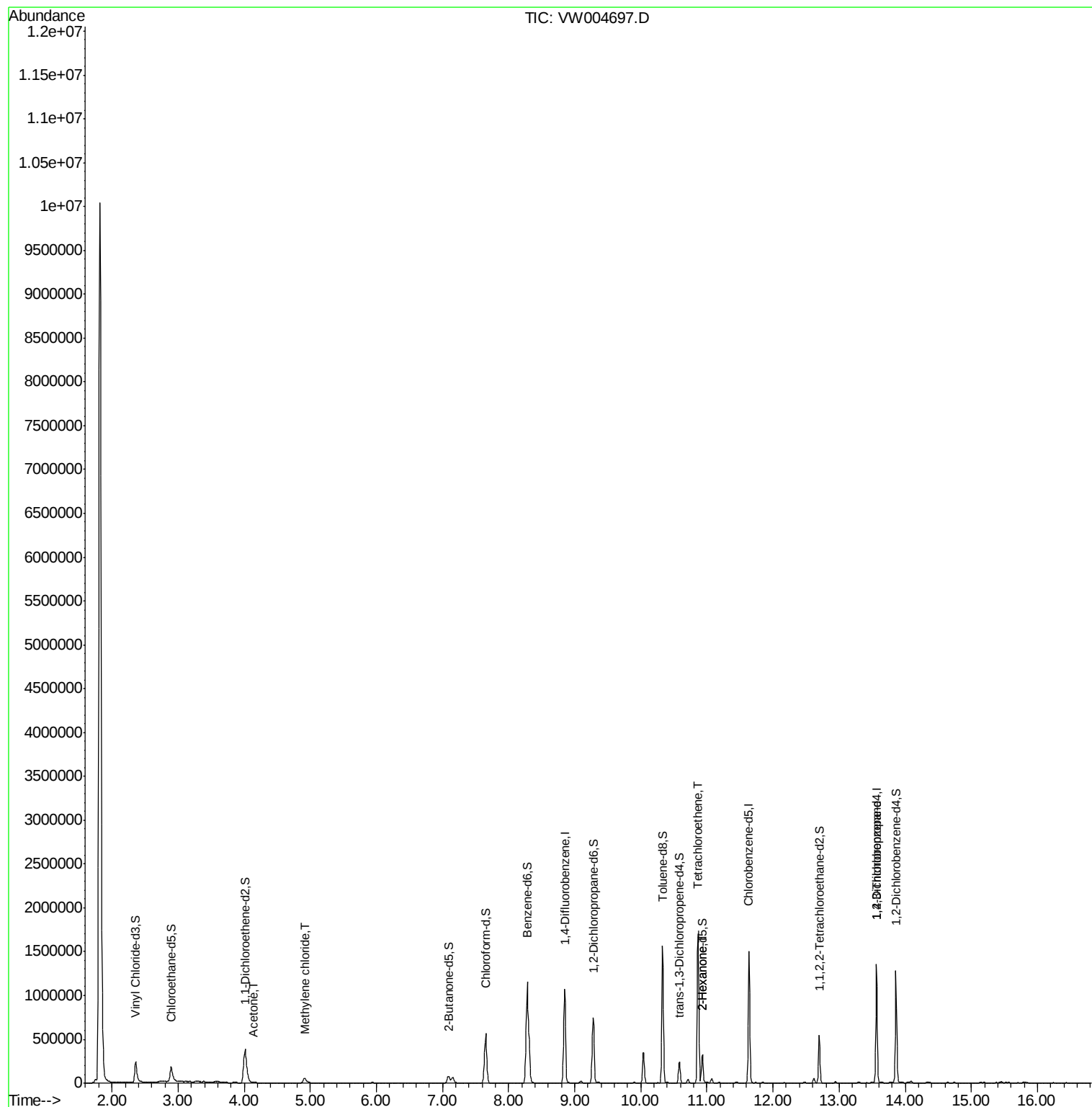
					Ovalue
13) Acetone	4.14	43	9319	2.641	ug/L 100
16) Methylene chloride	4.92	84	47990	2.686	ug/L 95
47) Tetrachloroethene	10.87	164	401598	34.739	ug/L 99
49) 2-Hexanone	10.93	43	14036	2.072	ug/L # 67
59) 1,2,3-Trichloropropane	13.57	75	42109	3.906	ug/L 94

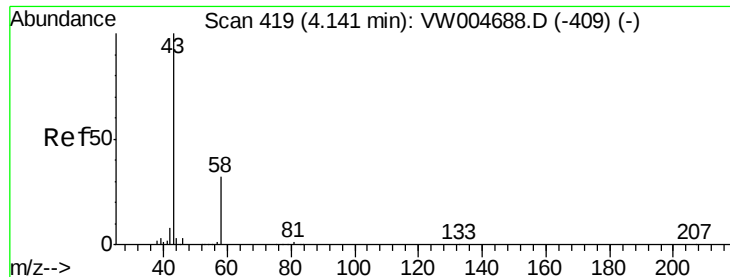
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.641 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW004697.D

Acq: 15 Aug 2018 14:57

Instrument :

MSVOA_W

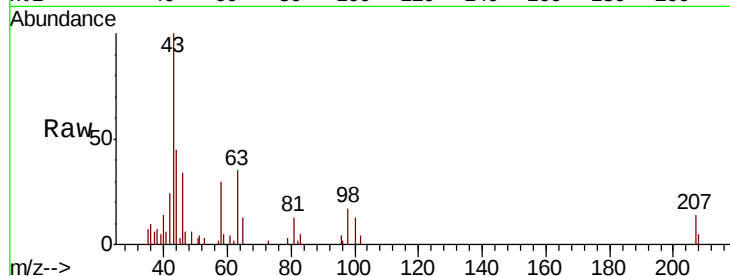
ClientSampleId :

Tot Ion: 43 Resp: 9319

Ion Ratio Lower Upper

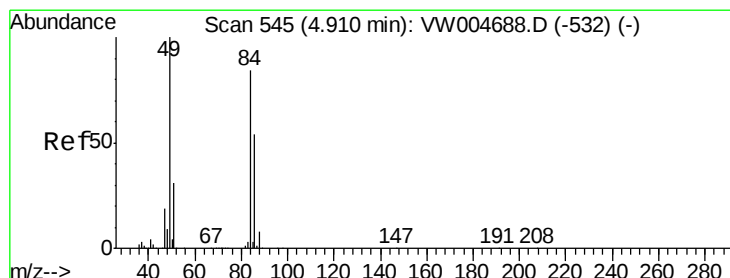
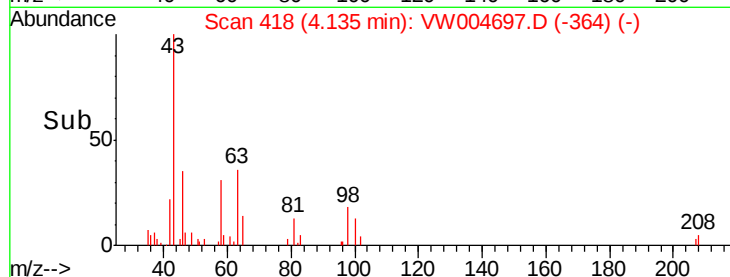
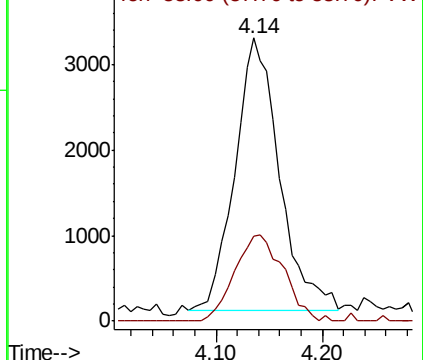
43 100

58 34.6 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.686 ug/L

RT: 4.92 min Scan# 546

Delta R.T. -0.00 min

Lab File: VW004697.D

Acq: 15 Aug 2018 14:57

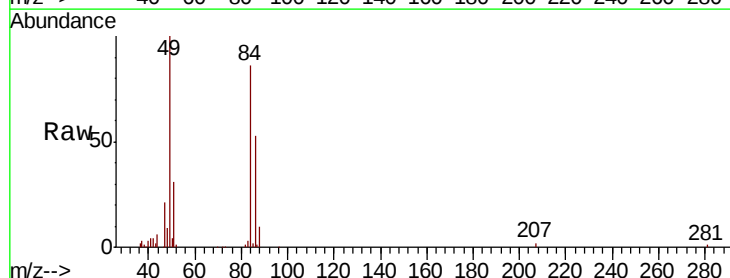
Tgt Ion: 84 Resp: 47990

Ion Ratio Lower Upper

84 100

49 115.9 84.9 157.7

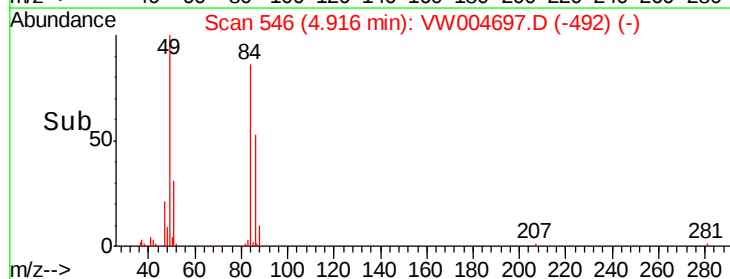
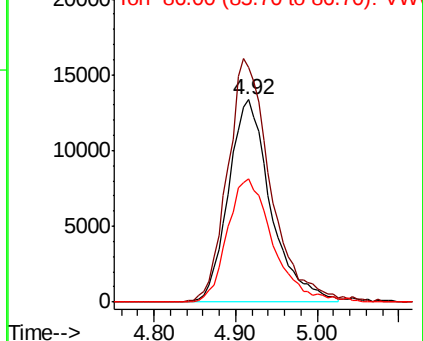
86 61.1 45.7 84.9

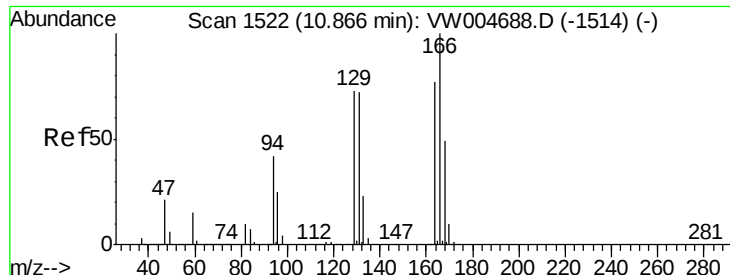


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

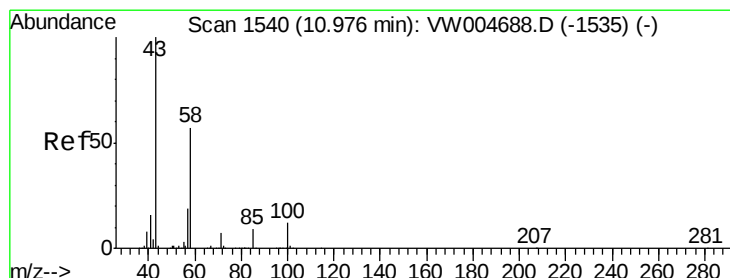
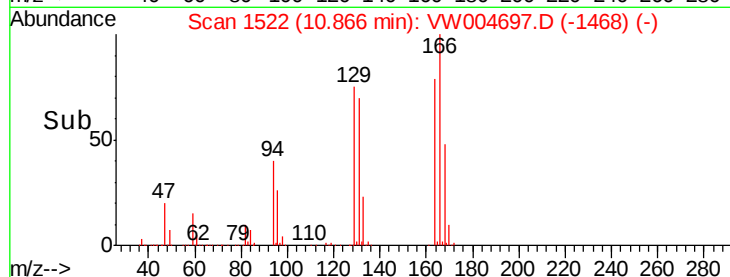
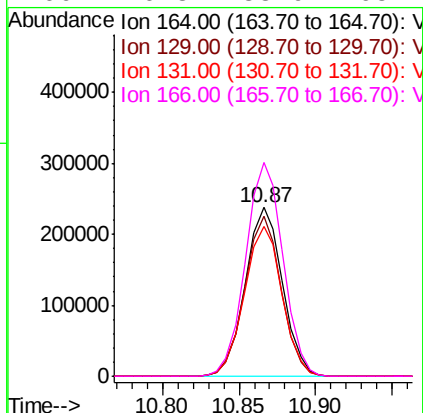
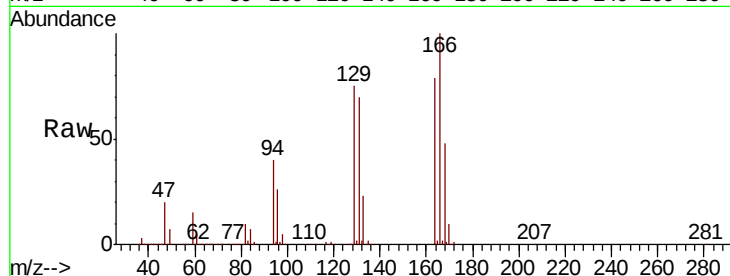




#47
Tetrachloroethene
Concen: 34.739 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004697.D
Acq: 15 Aug 2018 14:57

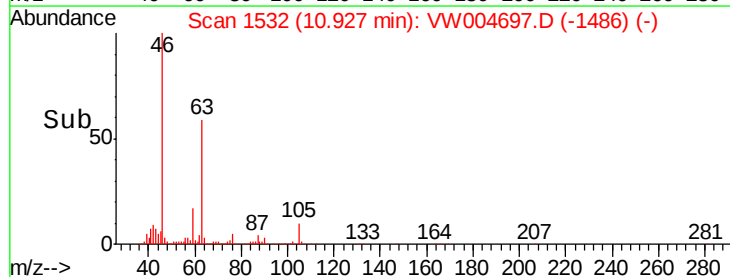
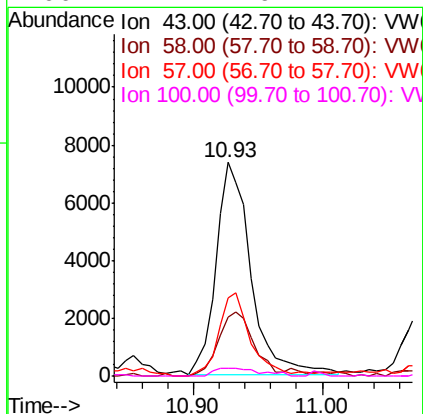
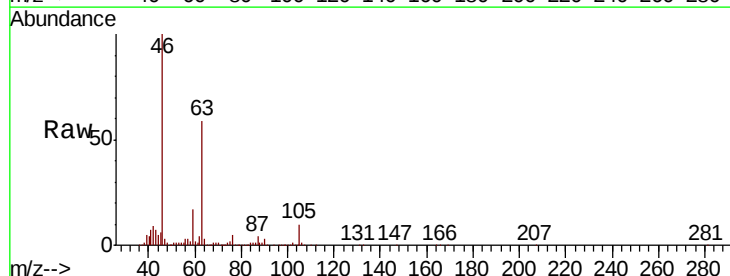
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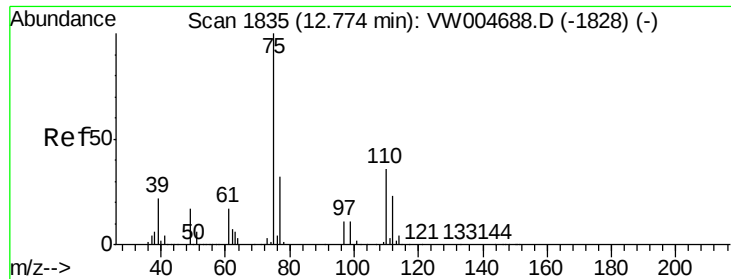
Tot Ion:	164	Resp:	401598
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.0	120.6
131	89.3	62.2	115.4
166	126.8	88.9	165.1



#49
2-Hexanone
Concen: 2.072 ug/L
RT: 10.93 min Scan# 1532
Delta R.T. -0.05 min
Lab File: VW004697.D
Acq: 15 Aug 2018 14:57

Tgt Ion:	43	Resp:	14036
Ion	Ratio	Lower	Upper
43	100		
58	30.1	44.4	66.6#
57	34.8	14.8	22.2#
100	4.4	9.4	14.2#





#59

1,2,3-Trichloropropane

Concen: 3.906 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004697.D

Acq: 15 Aug 2018 14:57

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 42109

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

