

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080718\
 Data File : VW004491.D
 Acq On : 07 Aug 2018 12:47
 Operator : SY/AP
 Sample : J4261-09
 Misc : 3.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5F96

Quant Time: Aug 08 05:49:32 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	840761	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	796405	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	298869	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	218615	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
7) Chloroethane-d5	2.89	69	189690	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
10) 1,1-Dichloroethene-d2	4.01	63	332980	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.09	46	217192	47.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.20%
24) Chloroform-d	7.65	84	527964	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.31	65	307803	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.28	84	983583	23.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.84%
33) 1,2-Dichloropropane-d6	9.28	67	341762	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.72%
37) Toluene-d8	10.33	98	803637	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.08%
38) trans-1,3-Dichloropropene-	10.58	79	123802	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.93	63	161391	47.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.76%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	346439	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	266079	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%

Target Compounds

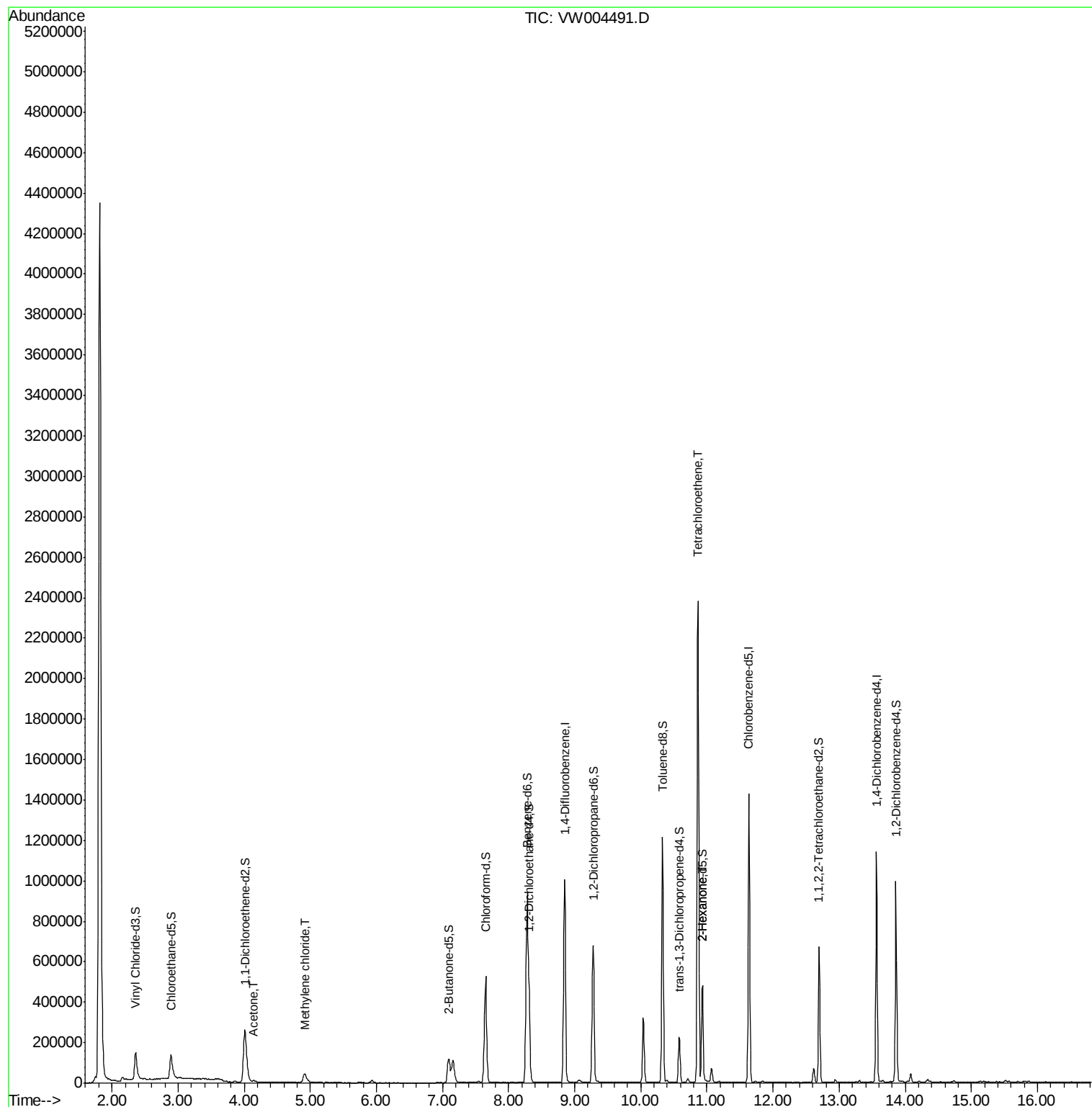
					Qvalue
13) Acetone	4.15	43	10361	2.594 ug/L	76
16) Methylene chloride	4.92	84	40804	2.443 ug/L	93
47) Tetrachloroethene	10.87	164	554854	56.778 ug/L	99
49) 2-Hexanone	10.93	43	21508	2.935 ug/L #	68

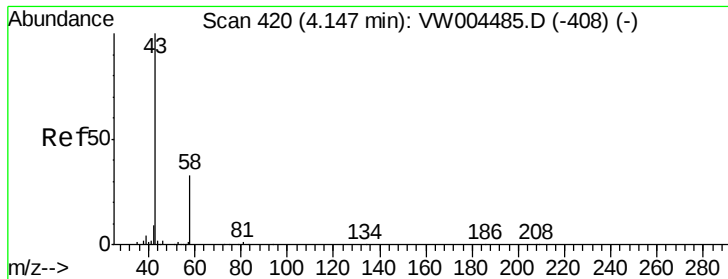
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.594 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

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Acq: 07 Aug 2018 12:47

Instrument :

MSVOA_W

ClientSampled :

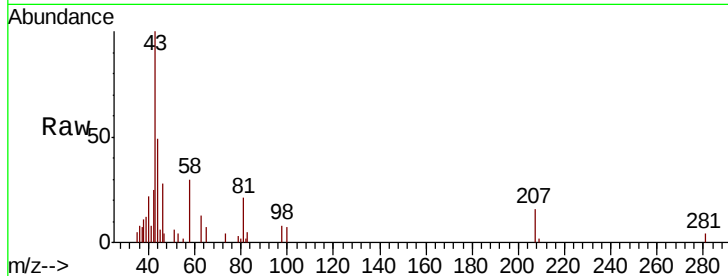
E5F96

Tgt Ion: 43 Resp: 10361

Ion Ratio Lower Upper

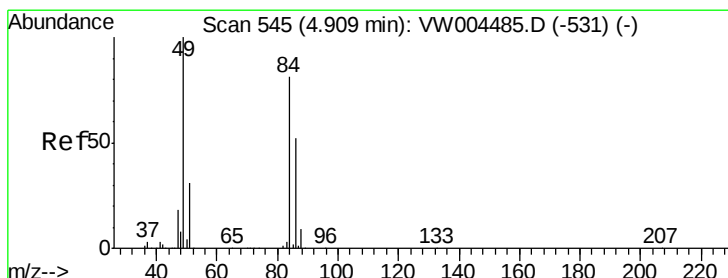
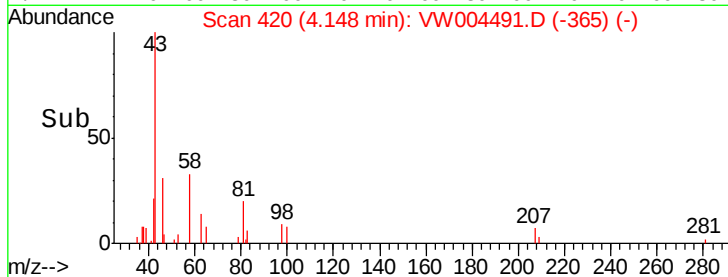
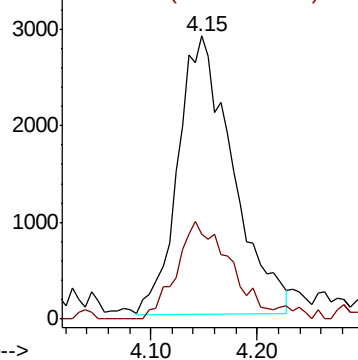
43 100

58 19.8 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.443 ug/L

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004491.D

Acq: 07 Aug 2018 12:47

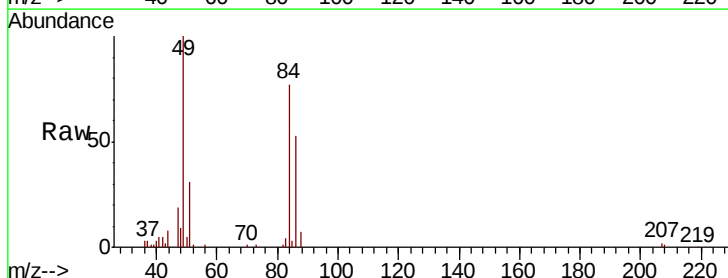
Tgt Ion: 84 Resp: 40804

Ion Ratio Lower Upper

84 100

49 129.3 86.0 159.6

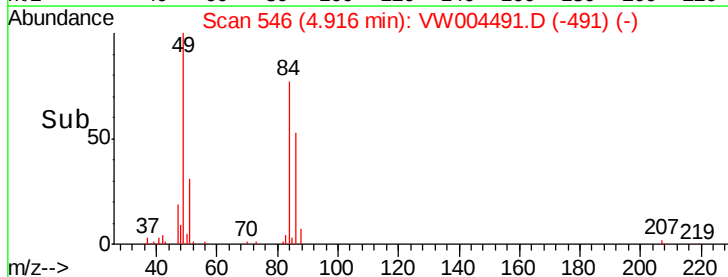
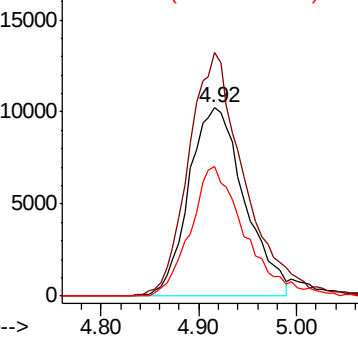
86 68.6 43.5 80.9

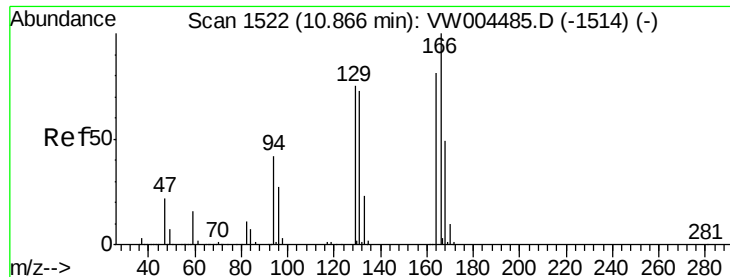


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

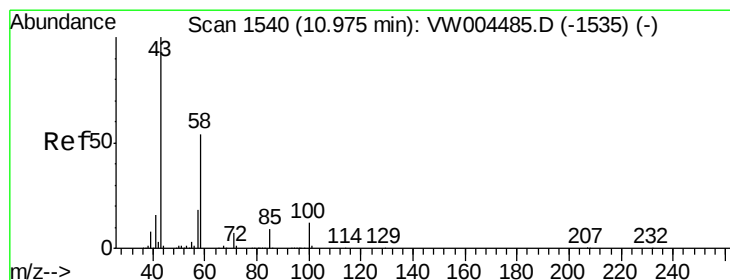
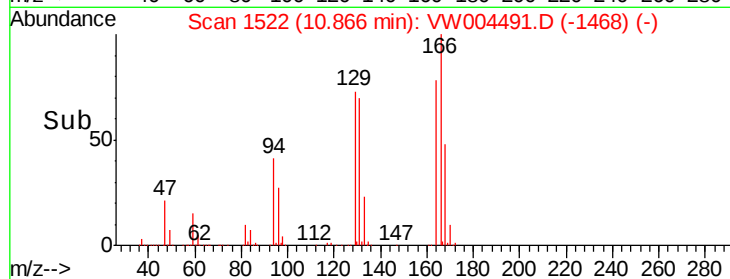
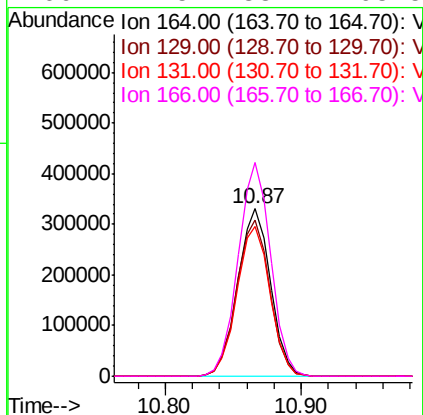
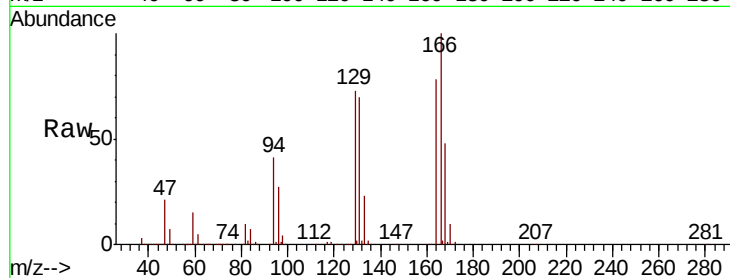




#47
Tetrachloroethene
Concen: 56.778 ug/L
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
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Tgt Ion:164 Resp: 554854
Ion Ratio Lower Upper
164 100
129 93.0 65.4 121.4
131 89.3 63.8 118.6
166 127.5 88.1 163.5



#49
2-Hexanone
Concen: 2.935 ug/L
RT: 10.93 min Scan# 1533
Delta R.T. -0.04 min
Lab File: VW004491.D
Acq: 07 Aug 2018 12:47

Tgt Ion: 43 Resp: 21508
Ion Ratio Lower Upper
43 100
58 28.5 43.4 65.0#
57 31.8 15.0 22.6#
100 3.8 8.9 13.3#

