

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081618\
 Data File : VW004695.D
 Acq On : 15 Aug 2018 13:24
 Operator : SY/AP
 Sample : J4485-01
 Misc : 5.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 02:40:28 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	735924	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	731019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	277610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	300503	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.76%
7) Chloroethane-d5	2.89	69	232234	25.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.72%
10) 1,1-Dichloroethene-d2	4.01	63	411747	19.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.00%
20) 2-Butanone-d5	7.09	46	131459	41.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.06%
24) Chloroform-d	7.65	84	513803	26.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	8.31	65	273080	26.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.52%
29) Benzene-d6	8.28	84	1019171	24.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.44%
33) 1,2-Dichloropropane-d6	9.28	67	327748	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.96%
37) Toluene-d8	10.33	98	872100	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.59	79	117050	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.56%
39) 2-Hexanone-d5	10.93	63	102379	40.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.46%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	263954	22.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	281973	26.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.08%

Target Compounds

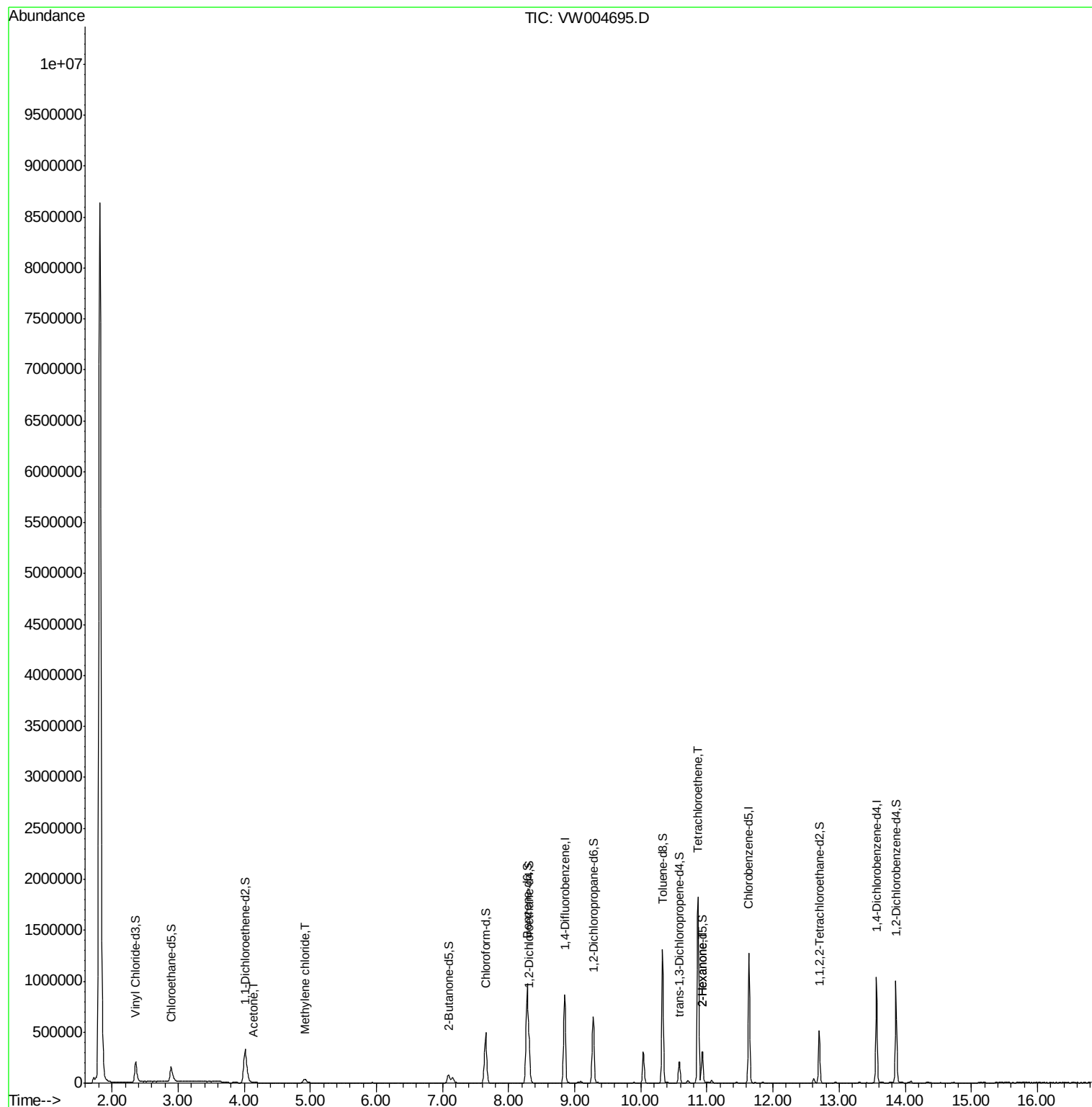
					Ovalue
13) Acetone	4.14	43	7336	2.526 ug/L	96
16) Methylene chloride	4.92	84	37260	2.534 ug/L	98
47) Tetrachloroethene	10.87	164	434361	44.709 ug/L	99
49) 2-Hexanone	10.93	43	14682	2.579 ug/L #	63

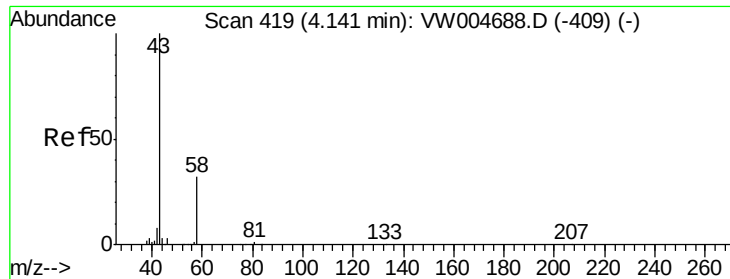
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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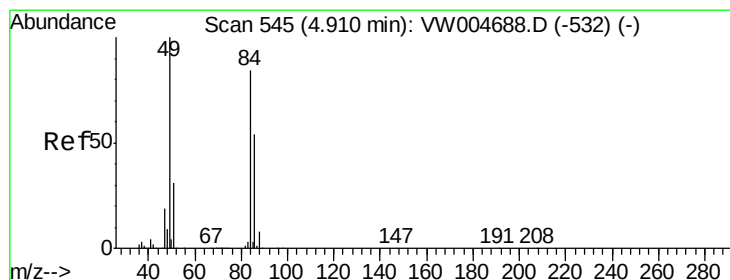
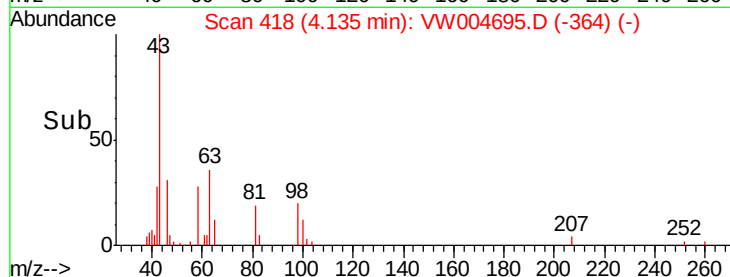
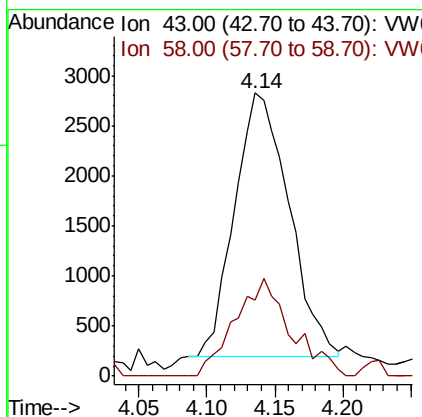
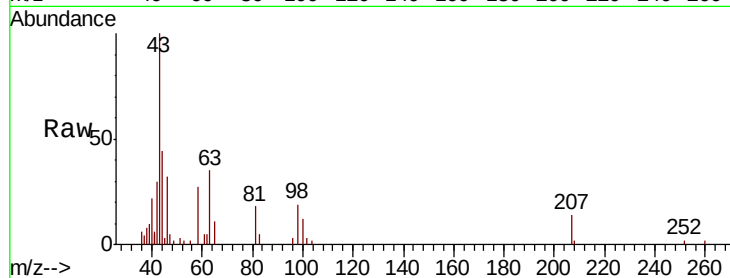




#13
Acetone
Concen: 2.526 ug/L
RT: 4.14 min Scan# 418
Delta R.T. -0.00 min
Lab File: VW004695.D
Acq: 15 Aug 2018 13:24

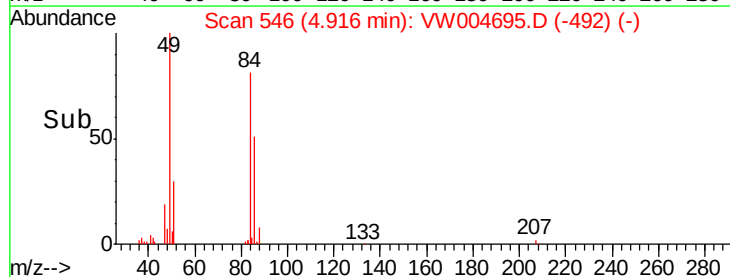
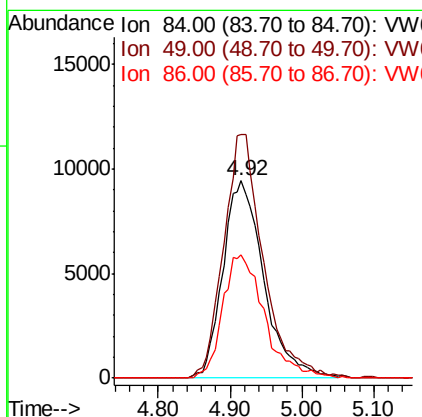
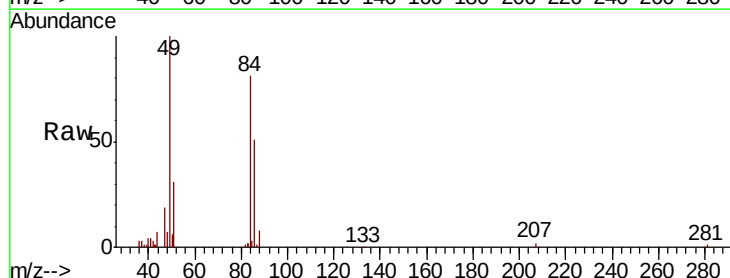
Instrument :
MSVOA_W
ClientSampleId :

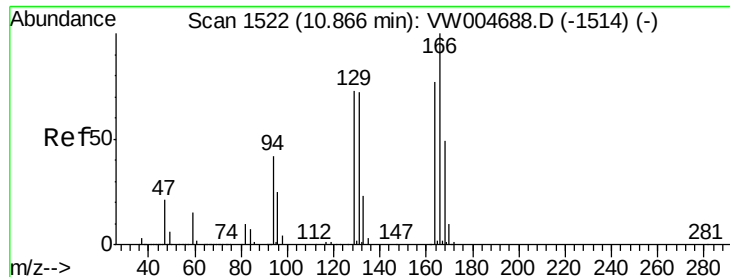
Tot Ion: 43 Resp: 7336
Ion Ratio Lower Upper
43 100
58 32.7 0.0 69.4



#16
Methylene chloride
Concen: 2.534 ug/L
RT: 4.92 min Scan# 546
Delta R.T. -0.00 min
Lab File: VW004695.D
Acq: 15 Aug 2018 13:24

Tgt Ion: 84 Resp: 37260
Ion Ratio Lower Upper
84 100
49 123.2 84.9 157.7
86 62.6 45.7 84.9





#47

Tetrachloroethene

Concen: 44.709 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004695.D

Acq: 15 Aug 2018 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 434361

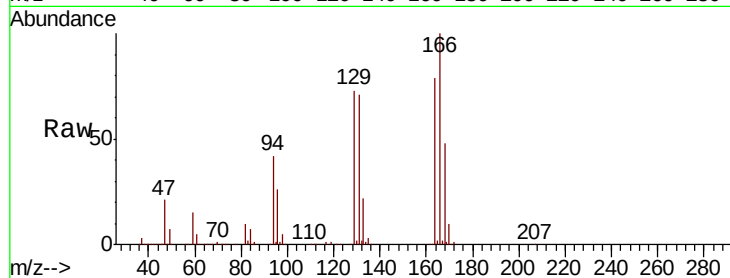
Ion Ratio Lower Upper

164 100

129 92.8 65.0 120.6

131 90.1 62.2 115.4

166 126.6 88.9 165.1

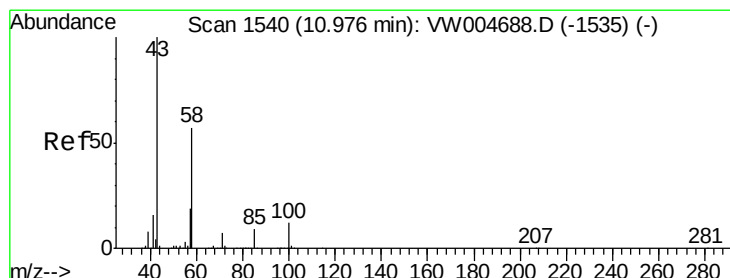
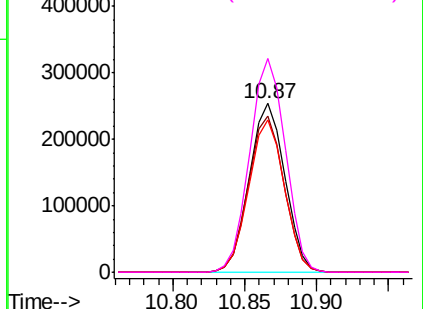
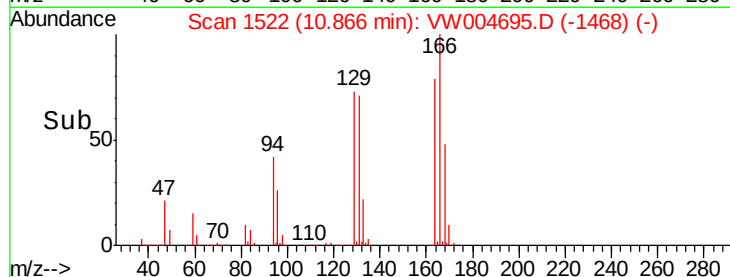


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 2.579 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 14682

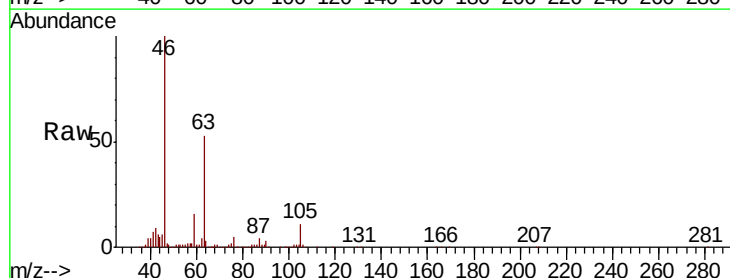
Ion Ratio Lower Upper

43 100

58 26.1 44.4 66.6#

57 34.9 14.8 22.2#

100 2.6 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

