

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004421.D
 Acq On : 03 Aug 2018 02:22
 Operator : SY/AP
 Sample : J4261-14
 Misc : 5.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5F99

Quant Time: Aug 03 05:35:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	835359	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	820295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	297321	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	341297	32.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.40%
7) Chloroethane-d5	2.89	69	269731	30.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.44%
10) 1,1-Dichloroethene-d2	4.01	63	470571	22.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.20%
20) 2-Butanone-d5	7.09	46	208737	45.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.12%
24) Chloroform-d	7.65	84	620956	27.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.84%
26) 1,2-Dichloroethane-d4	8.31	65	357080	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.28%
29) Benzene-d6	8.28	84	1221322	27.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.96%
33) 1,2-Dichloropropane-d6	9.28	67	394435	27.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.64%
37) Toluene-d8	10.33	98	1023593	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.44%
38) trans-1,3-Dichloropropene-	10.58	79	141351	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.40%
39) 2-Hexanone-d5	10.93	63	175595	50.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.14%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	364906	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	307308	27.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.08%

Target Compounds

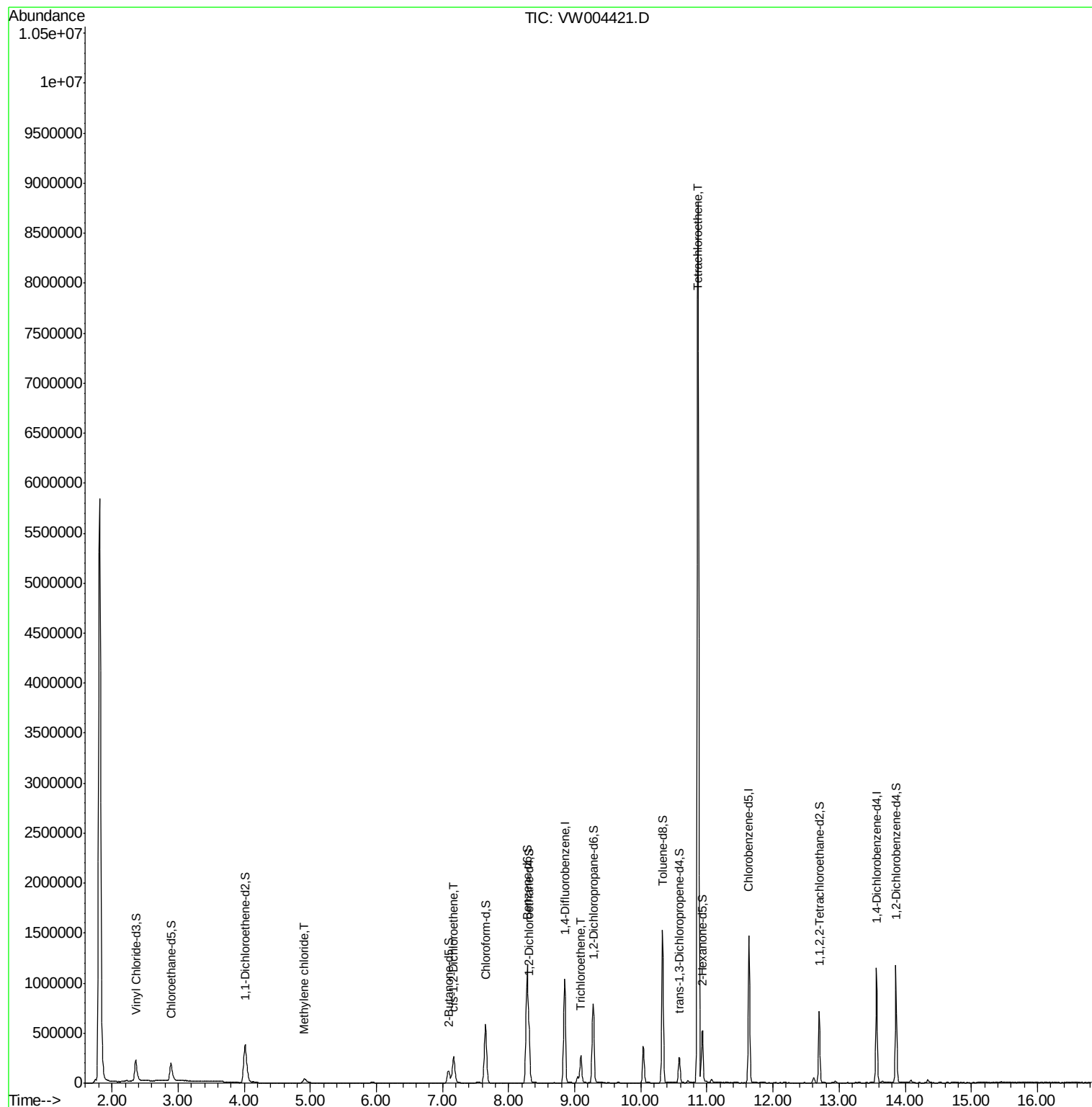
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Methylene chloride	4.91	84	37485	2.259	ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	143906	11.131	ug/L	99
35) Trichloroethene	9.09	95	97812	7.689	ug/L	99
47) Tetrachloroethene	10.87	164	1975080	196.225	ug/L	98

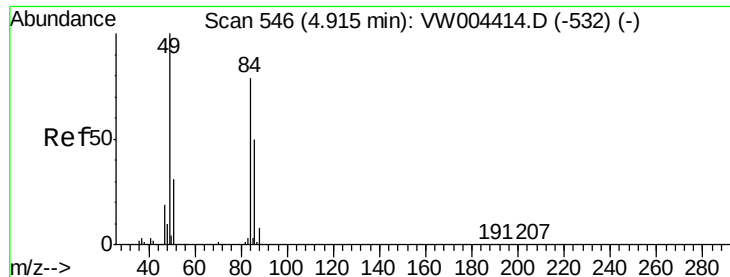
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 03 05:29:00 2018
Response via : Initial Calibration

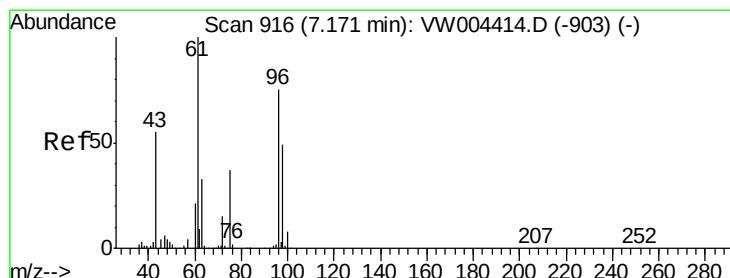
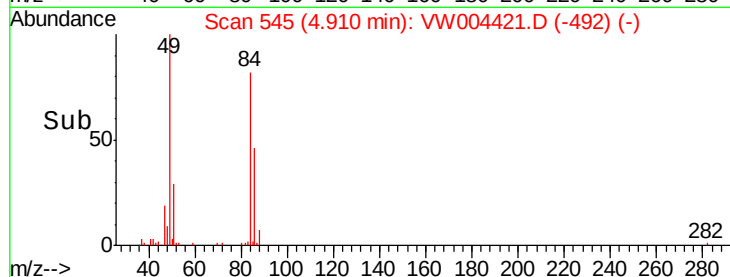
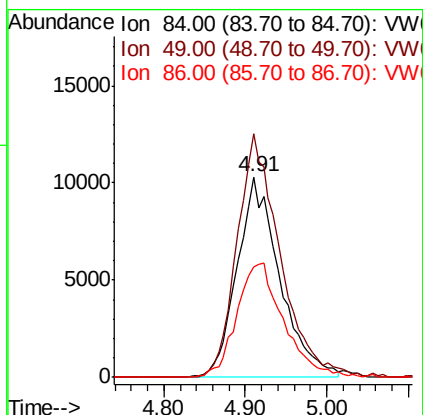
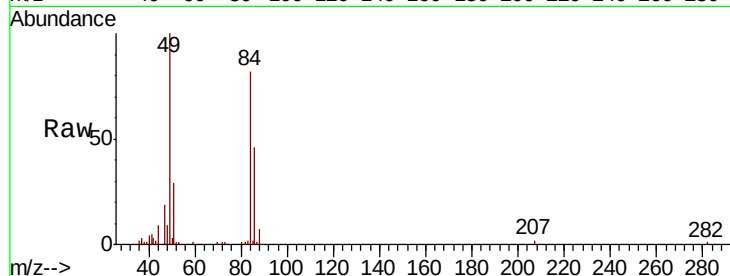




#16
Methylene chloride
Concen: 2.259 ug/L
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004421.D
Acq: 03 Aug 2018 02:22

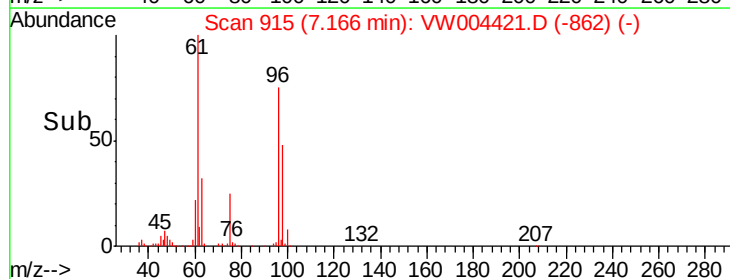
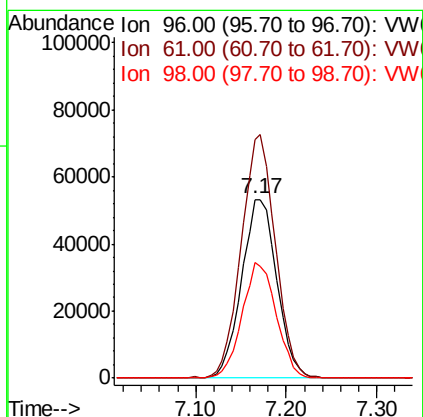
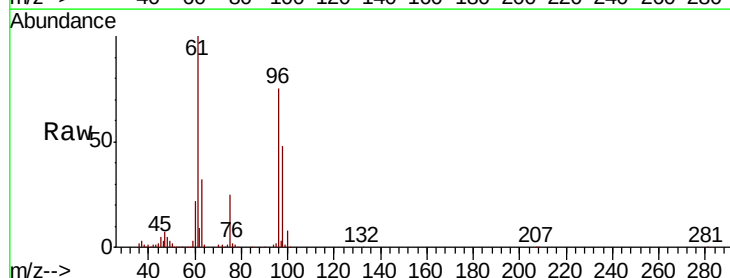
Instrument :
MSVOA_W
ClientSampleId :
E5F99

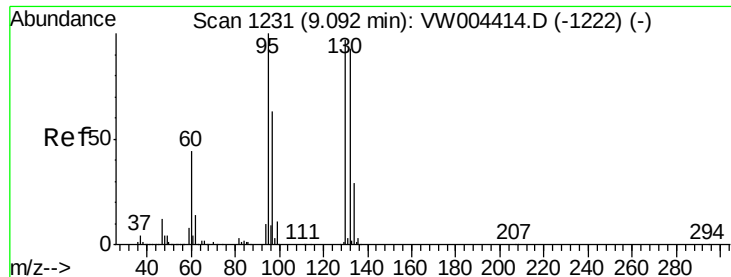
Tgt Ion: 84 Resp: 37485
Ion Ratio Lower Upper
84 100
49 121.5 86.0 159.6
86 55.3 43.5 80.9



#22
cis-1,2-Dichloroethene
Concen: 11.131 ug/L
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW004421.D
Acq: 03 Aug 2018 02:22

Tgt Ion: 96 Resp: 143906
Ion Ratio Lower Upper
96 100
61 133.4 92.5 171.7
98 64.3 44.1 81.9

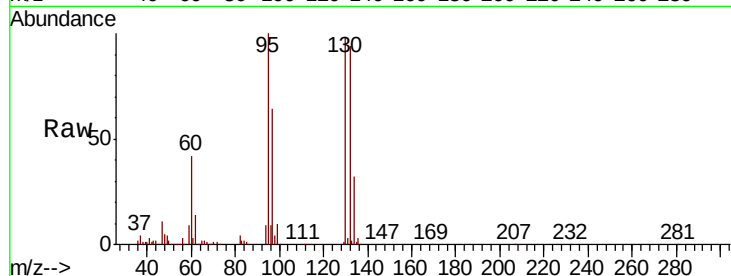




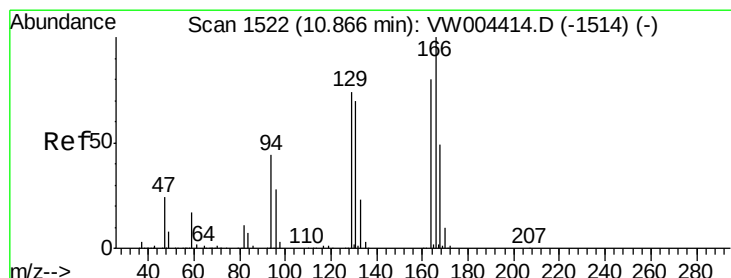
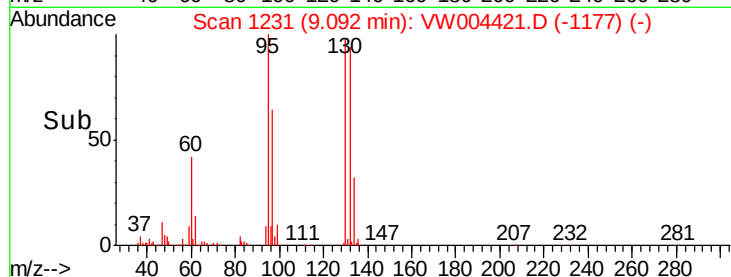
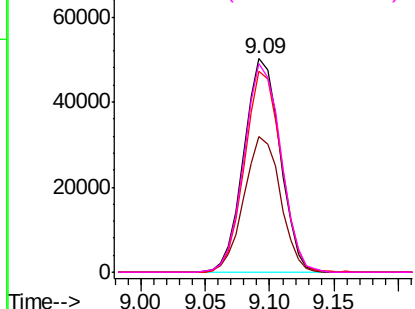
#35
 Trichloroethene
 Concen: 7.689 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW004421.D
 Acq: 03 Aug 2018 02:22

Instrument :
 MSVOA_W
 ClientSampleId :
 E5F99

Tgt Ion: 95 Resp: 97812
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.9 83.5
 132 94.7 67.6 125.6
 130 99.0 69.1 128.3

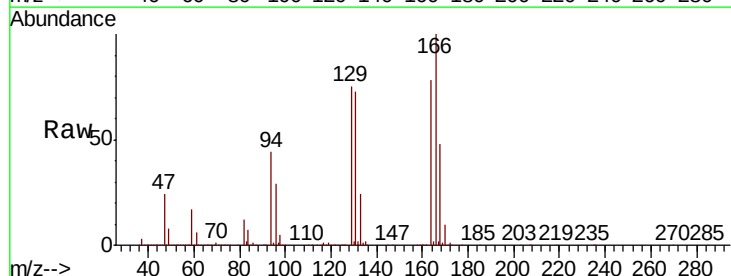


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): VW
 Ion 130.00 (129.70 to 130.70): VW



#47
 Tetrachloroethene
 Concen: 196.225 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW004421.D
 Acq: 03 Aug 2018 02:22

Tgt Ion: 164 Resp: 1975080
 Ion Ratio Lower Upper
 164 100
 129 96.1 65.4 121.4
 131 92.7 63.8 118.6
 166 127.7 88.1 163.5



Abundance Ion 164.00 (163.70 to 164.70): VW
 Ion 129.00 (128.70 to 129.70): VW
 Ion 131.00 (130.70 to 131.70): VW
 Ion 166.00 (165.70 to 166.70): VW

