

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004422.D
 Acq On : 03 Aug 2018 02:48
 Operator : SY/AP
 Sample : J4261-15
 Misc : 5.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FA0

Quant Time: Aug 03 05:54:15 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	893773	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	865861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	296806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	336940	30.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.24%
7) Chloroethane-d5	2.89	69	274155	29.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.24%
10) 1,1-Dichloroethene-d2	4.01	63	469091	20.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.12%
20) 2-Butanone-d5	7.09	46	184172	37.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.14%
24) Chloroform-d	7.65	84	631804	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	353311	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.28	84	1250938	27.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.64%
33) 1,2-Dichloropropane-d6	9.28	67	404540	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.48%
37) Toluene-d8	10.33	98	1042242	25.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.68%
38) trans-1,3-Dichloropropene-	10.58	79	140482	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.76%
39) 2-Hexanone-d5	10.93	63	160418	43.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.54%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	334424	20.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	290572	26.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.28%

Target Compounds

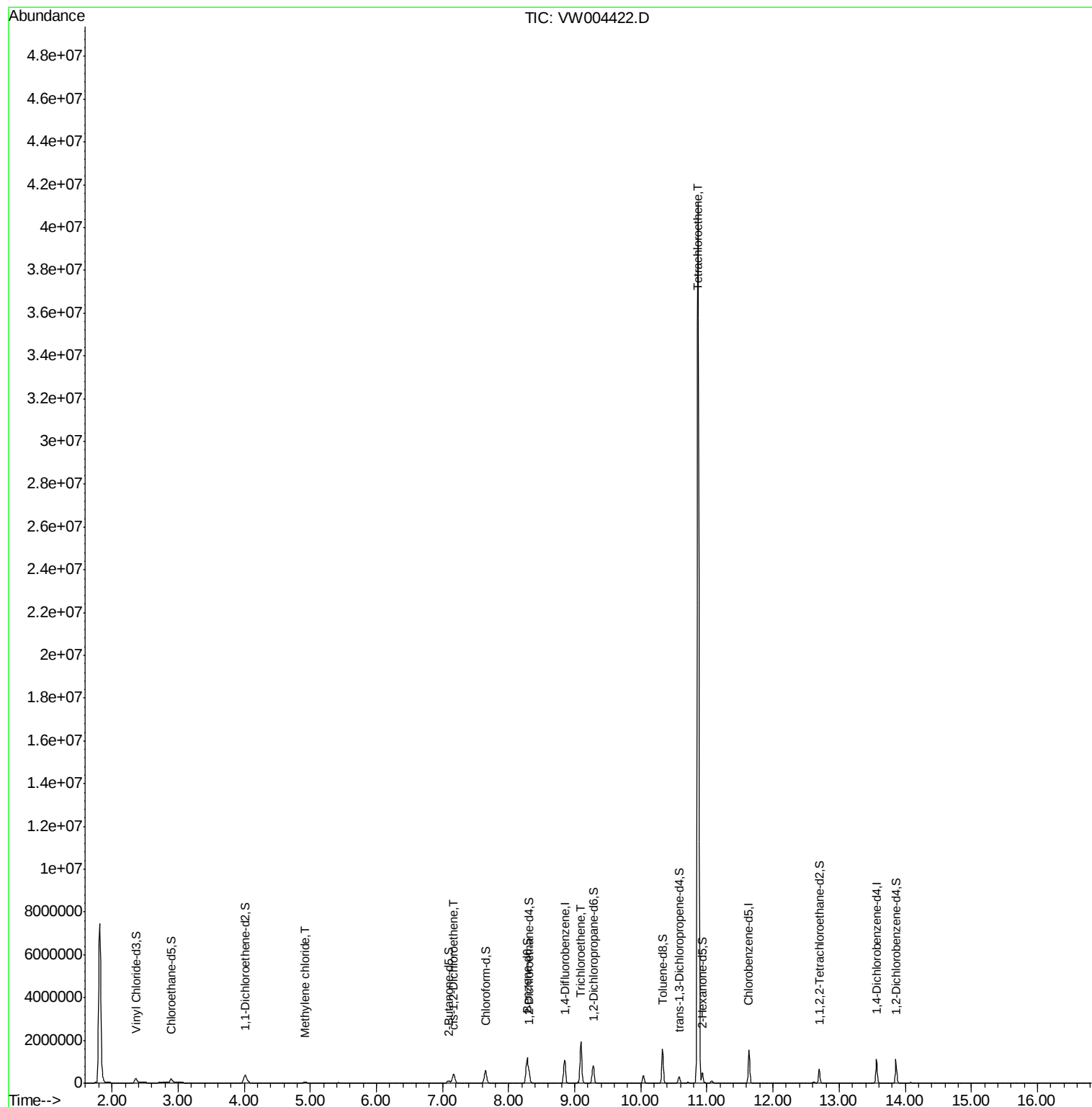
					Qvalue
16) Methylene chloride	4.92	84	44755	2.521 ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	205452	14.852 ug/L	98
35) Trichloroethene	9.09	95	696469	51.867 ug/L	99
47) Tetrachloroethene	10.87	164	9161879	862.333 ug/L	97

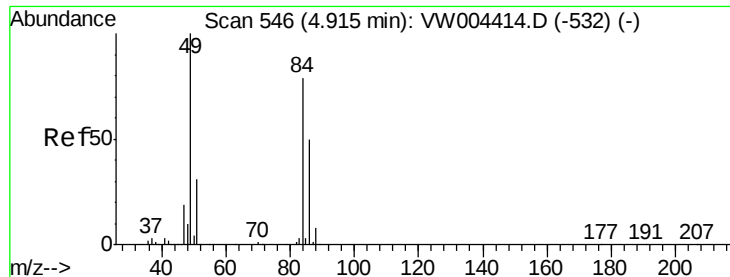
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 05:29:00 2018
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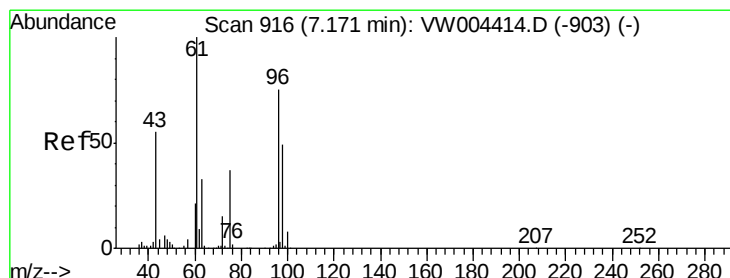
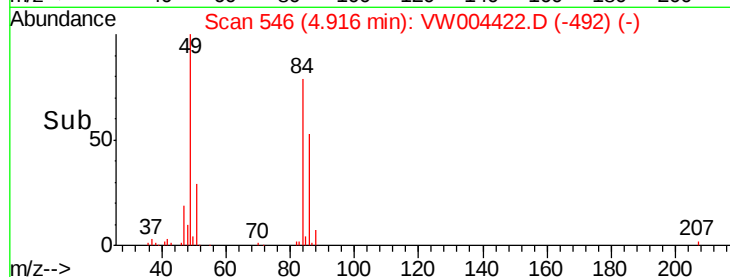
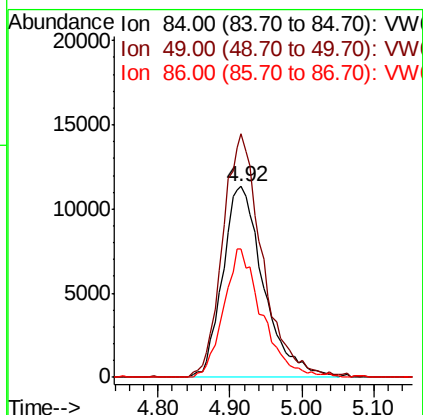
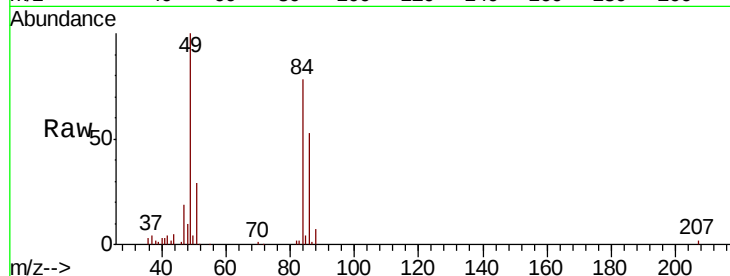




#16
Methylene chloride
Concen: 2.521 ug/L
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004422.D
Acq: 03 Aug 2018 02:48

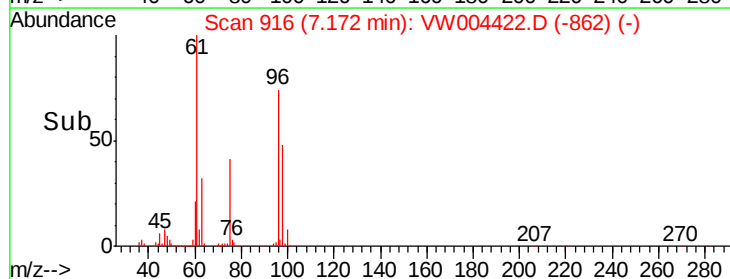
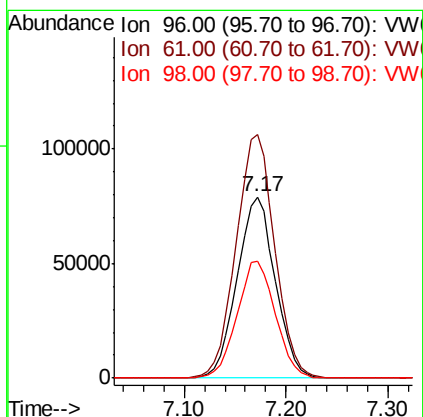
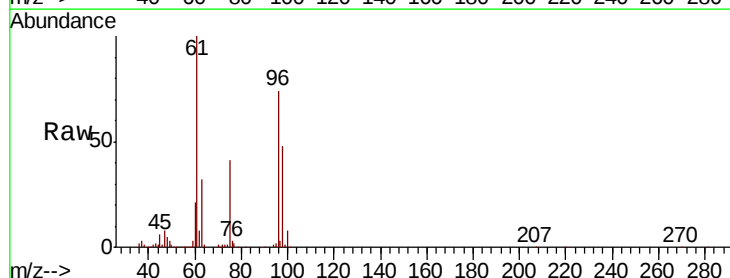
Instrument :
MSVOA_W
ClientSampleId :
E5FA0

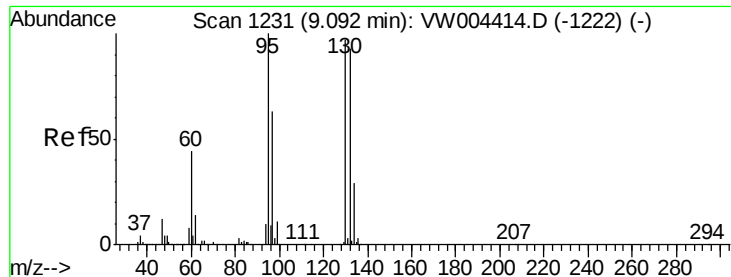
Tgt Ion: 84 Resp: 44755
Ion Ratio Lower Upper
84 100
49 127.4 86.0 159.6
86 67.3 43.5 80.9



#22
cis-1,2-Dichloroethene
Concen: 14.852 ug/L
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW004422.D
Acq: 03 Aug 2018 02:48

Tgt Ion: 96 Resp: 205452
Ion Ratio Lower Upper
96 100
61 134.5 92.5 171.7
98 64.8 44.1 81.9

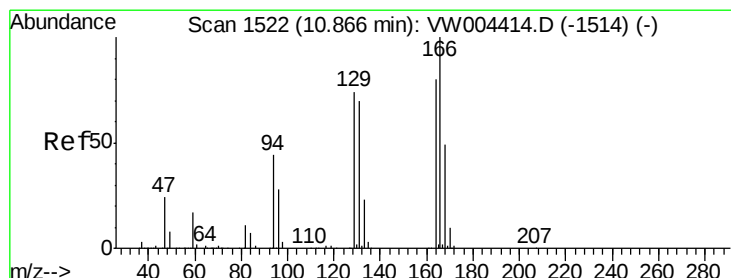
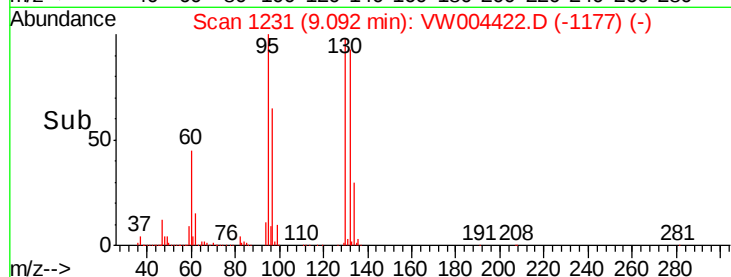
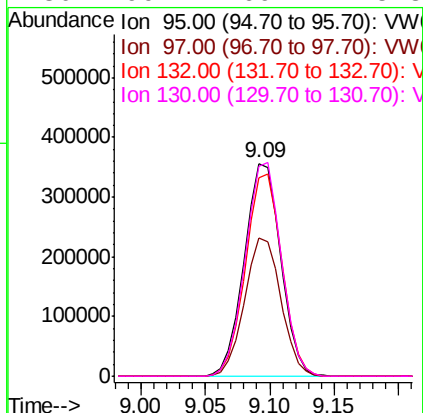
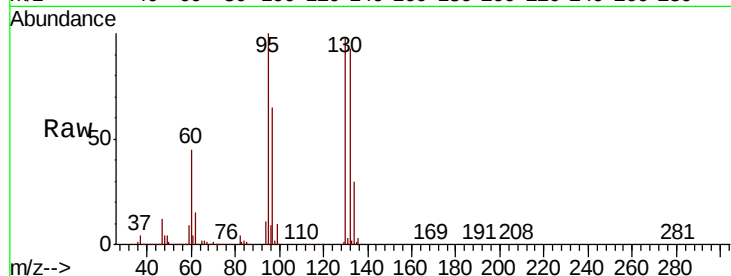




#35
 Trichloroethene
 Concen: 51.867 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: VW004422.D
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Instrument :
 MSVOA_W
 ClientSampled :
 E5FA0

Tgt Ion: 95 Resp: 696469
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.9 83.5
 132 95.4 67.6 125.6
 130 99.4 69.1 128.3



#47
 Tetrachloroethene
 Concen: 862.333 ug/L
 RT: 10.87 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: VW004422.D
 Acq: 03 Aug 2018 02:48

Tgt Ion: 164 Resp: 9161879
 Ion Ratio Lower Upper
 164 100
 129 98.9 65.4 121.4
 131 94.9 63.8 118.6
 166 124.0 88.1 163.5

