

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016225.D
 Acq On : 17 Aug 2020 17:57
 Operator : SY/VA
 Sample : L3702-18
 Misc : 6.47G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ3

Quant Time: Aug 18 04:37:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	403899	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	345429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	124096	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88095	17.59	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	2.90	69	70018	18.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.68%
10) 1,1-Dichloroethene-d2	4.01	63	148888	14.00	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.00%
20) 2-Butanone-d5	7.08	46	48768	37.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.02%
24) Chloroform-d	7.65	84	219565	20.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.04%
26) 1,2-Dichloroethane-d4	8.31	65	110521	19.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.80%
29) Benzene-d6	8.28	84	420979	22.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.60%
33) 1,2-Dichloropropane-d6	9.28	67	127873	23.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.56%
37) Toluene-d8	10.33	98	370951	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.08%
38) trans-1,3-Dichloropropene-	10.58	79	49897	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.36%
39) 2-Hexanone-d5	10.93	63	43188	45.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98722	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	102903	23.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.56%

Target Compounds

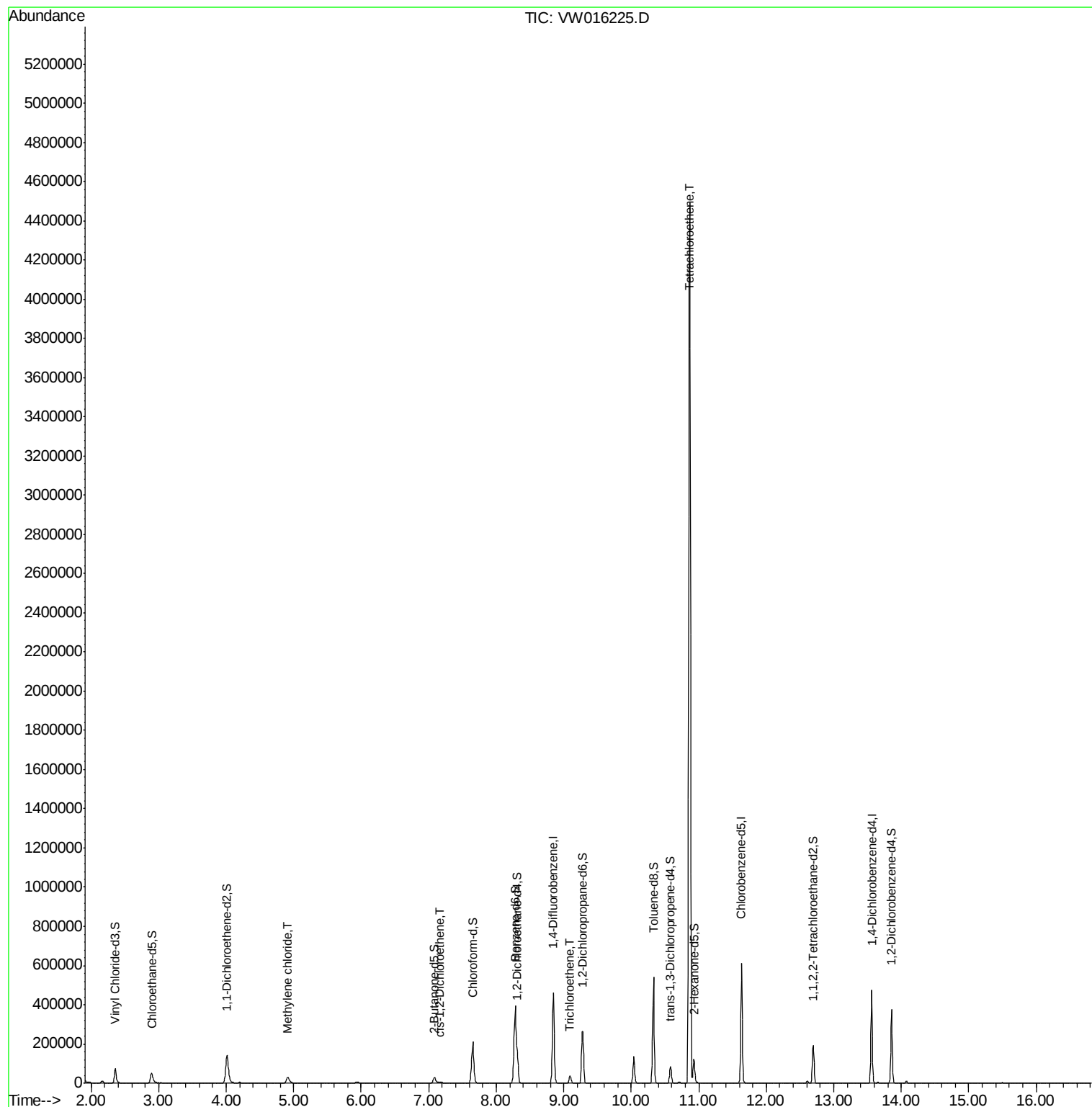
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	25821	4.049	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	1926	0.335	ug/L	82
35) Trichloroethene	9.09	95	12491	2.332	ug/L	93
47) Tetrachloroethene	10.87	164	1038502	258.628	ug/L	97

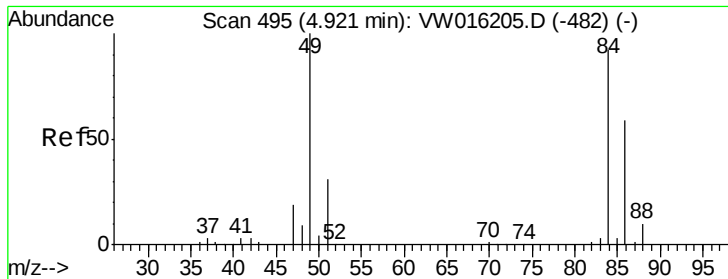
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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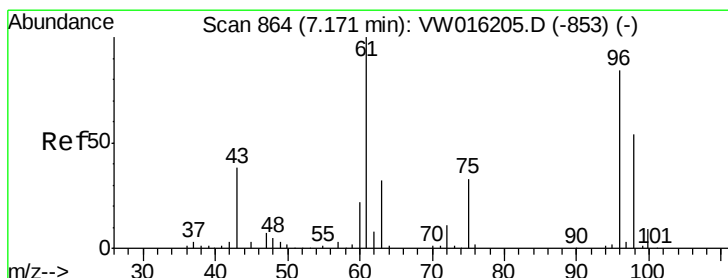
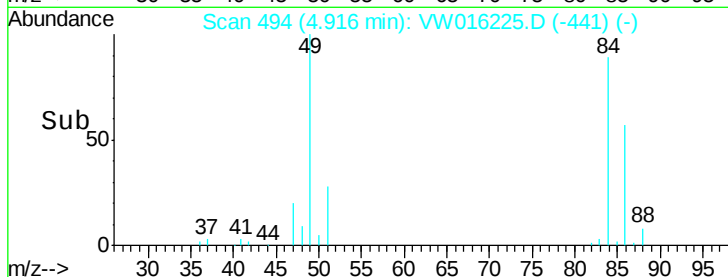
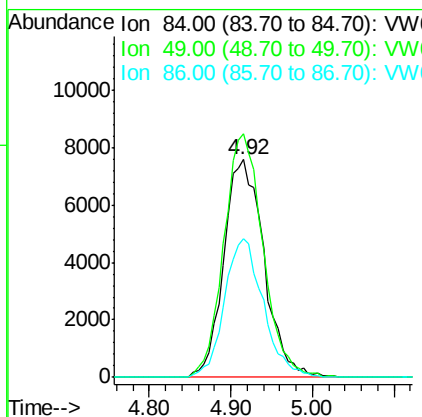
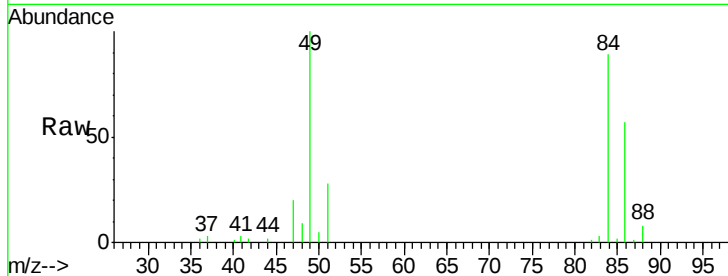




#16
Methylene chloride
Concen: 4.049 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016225.D
Acq: 17 Aug 2020 17:57

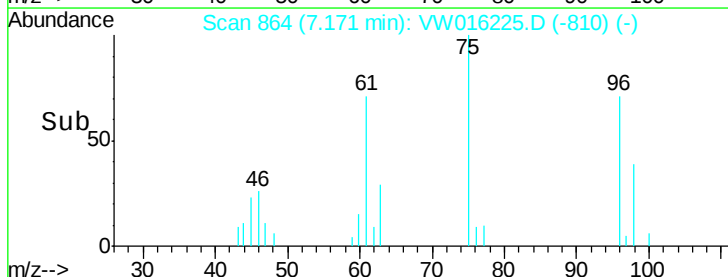
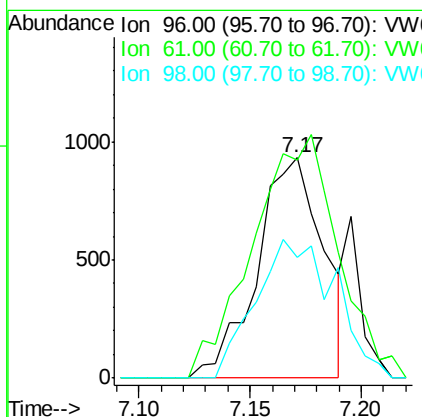
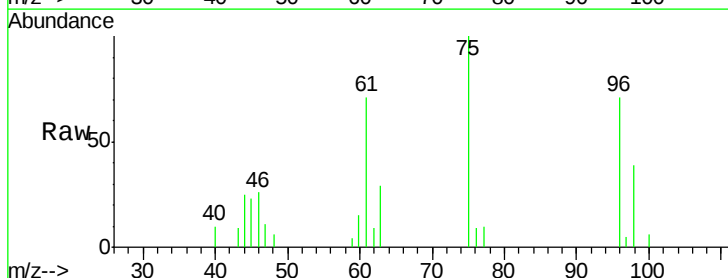
Instrument :
MSVOA_W
ClientSampled :
BFWQ3

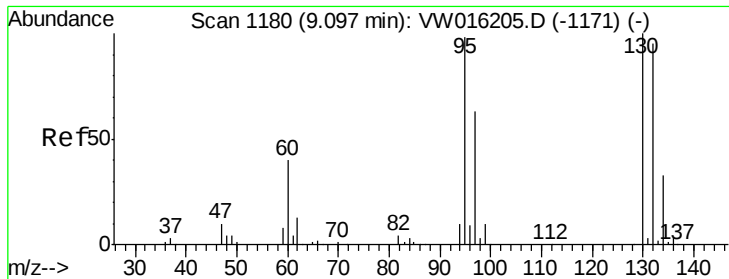
Tot Ion: 84 Resp: 25821
Ion Ratio Lower Upper
84 100
49 111.9 80.4 149.4
86 64.0 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 0.335 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW016225.D
Acq: 17 Aug 2020 17:57

Tgt Ion: 96 Resp: 1926
Ion Ratio Lower Upper
96 100
61 99.0 87.0 161.6
98 54.9 44.0 81.6

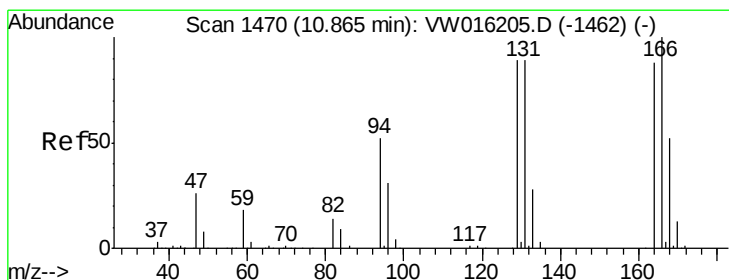
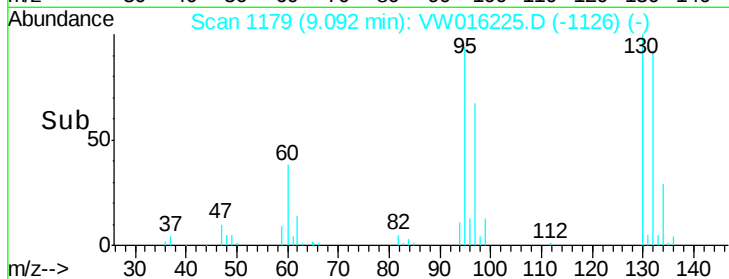
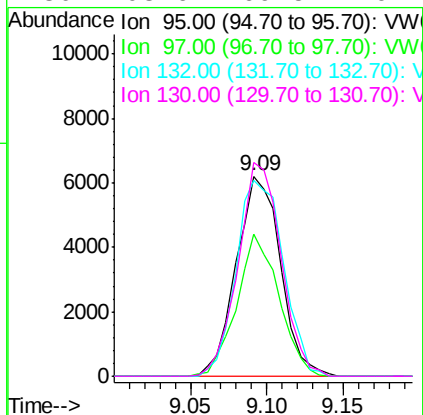
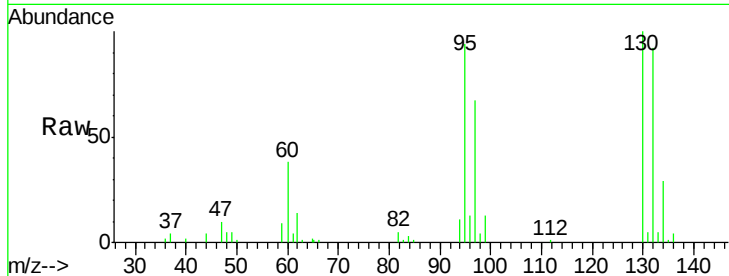




#35
 Trichloroethene
 Concen: 2.332 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW016225.D
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Tot Ion:	95	Resp:	12491
Ion	Ratio	Lower	Upper
95	100		
97	67.4	44.9	83.3
132	104.5	65.8	122.2
130	103.6	69.5	129.1



#47
 Tetrachloroethene
 Concen: 258.628 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016225.D
 Acq: 17 Aug 2020 17:57

Tgt Ion:	164	Resp:	1038502
Ion	Ratio	Lower	Upper
164	100		
129	96.3	71.5	132.9
131	95.1	65.4	121.4
166	123.5	86.9	161.5

