

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016090.D
 Acq On : 07 Aug 2020 23:19
 Operator : SY/VA
 Sample : L3564-10
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSM6

Quant Time: Aug 08 06:13:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	372525	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317431	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	121811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	74148	14.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.44%
7) Chloroethane-d5	2.89	69	66348	15.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.16%
10) 1,1-Dichloroethene-d2	4.01	63	130001	12.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.92%
20) 2-Butanone-d5	7.08	46	41365	29.96	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.92%
24) Chloroform-d	7.65	84	206112	19.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	8.31	65	100361	17.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.88%#
29) Benzene-d6	8.27	84	402710	20.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.36%
33) 1,2-Dichloropropane-d6	9.27	67	120979	20.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.56%
37) Toluene-d8	10.32	98	356346	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.44%
38) trans-1,3-Dichloropropene-	10.58	79	43516	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.52%
39) 2-Hexanone-d5	10.93	63	34811	36.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86694	19.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	104793	22.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.24%

Target Compounds

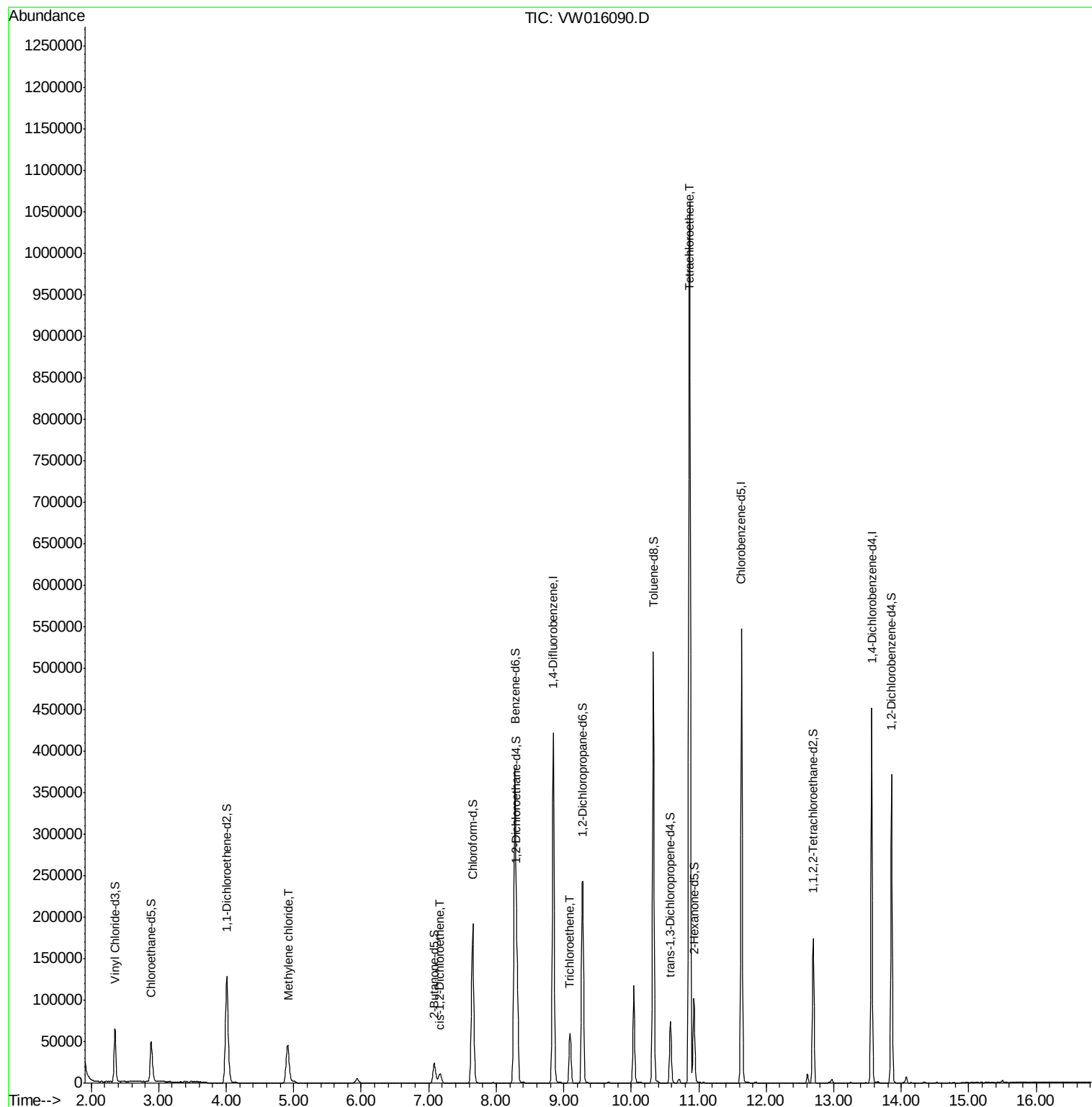
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	38994	6.388	ug/L	84
22) cis-1,2-Dichloroethene	7.17	96	5551	1.049	ug/L	91
35) Trichloroethene	9.10	95	20819	4.082	ug/L	90
47) Tetrachloroethene	10.87	164	262249	66.246	ug/L	94

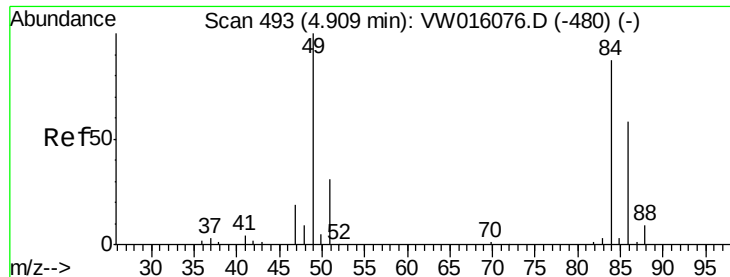
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080720\
Data File : VW016090.D
Acq On : 07 Aug 2020 23:19
Operator : SY/VA
Sample : L3564-10
Misc : 6.17G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSM6

Quant Time: Aug 08 06:13:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration

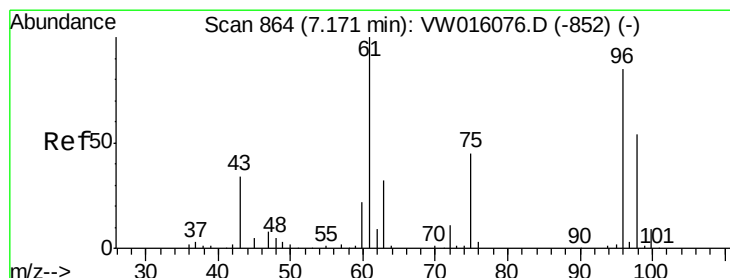
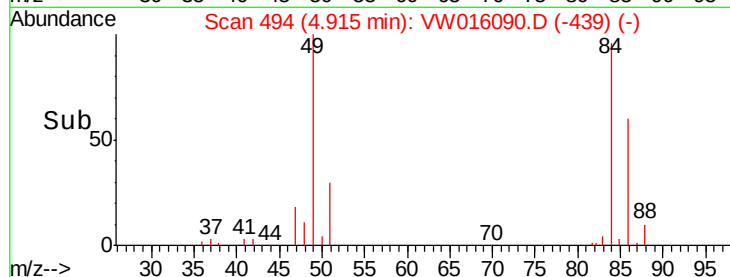
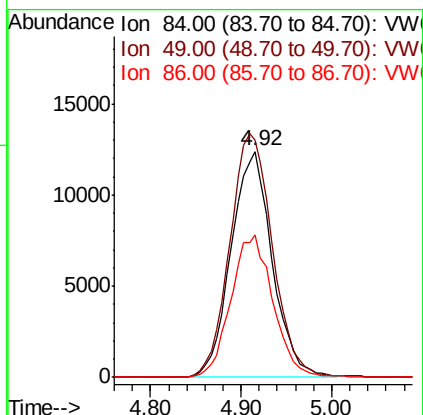
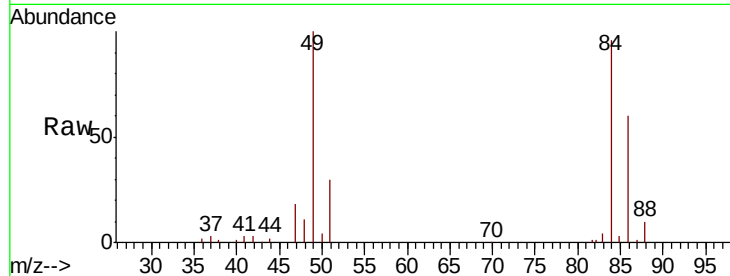




#16
Methylene chloride
Concen: 6.388 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016090.D
Acq: 07 Aug 2020 23:19

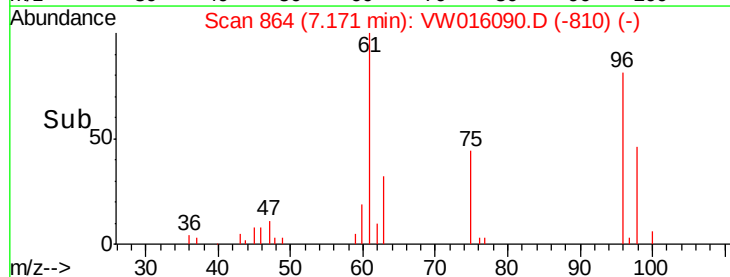
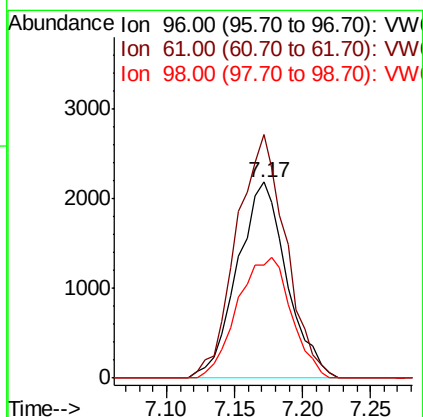
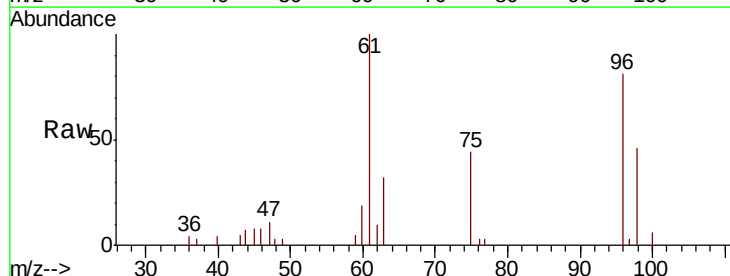
Instrument :
MSVOA_W
ClientSampled :
BFSM6

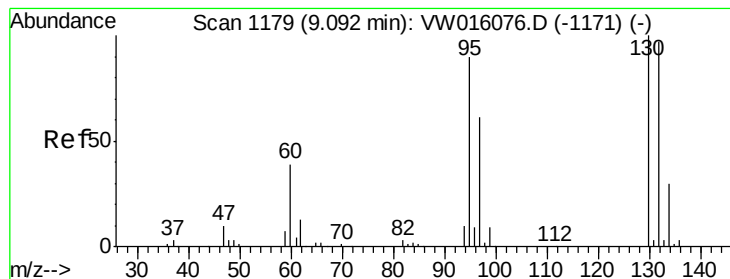
Tot Ion: 84 Resp: 38994
Ion Ratio Lower Upper
84 100
49 104.7 91.1 169.1
86 62.9 46.0 85.4



#22
cis-1,2-Dichloroethene
Concen: 1.049 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016090.D
Acq: 07 Aug 2020 23:19

Tgt Ion: 96 Resp: 5551
Ion Ratio Lower Upper
96 100
61 124.2 94.6 175.8
98 57.6 44.3 82.3





#35

Trichloroethene

Concen: 4.082 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016090.D

Acq: 07 Aug 2020 23:19

Instrument :

MSVOA_W

ClientSampleId :

BFSM6

Tot Ion: 95 Resp: 20819

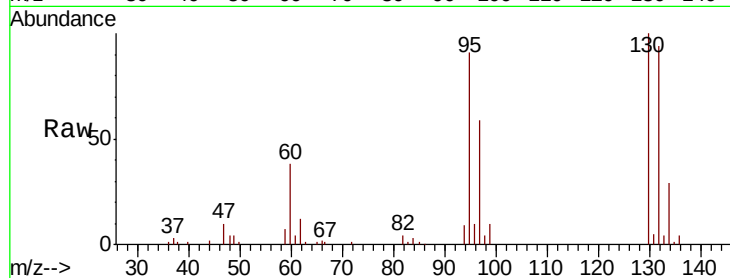
Ion Ratio Lower Upper

95 100

97 66.6 44.4 82.4

132 105.2 65.1 120.9

130 108.4 68.6 127.4

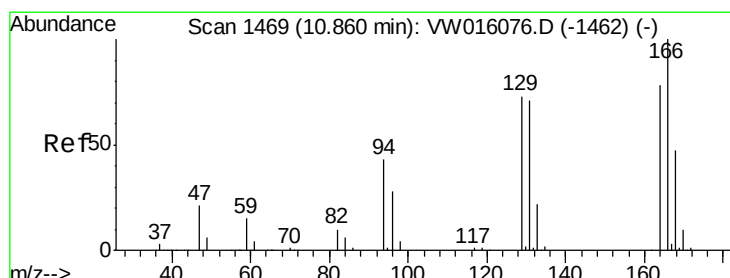
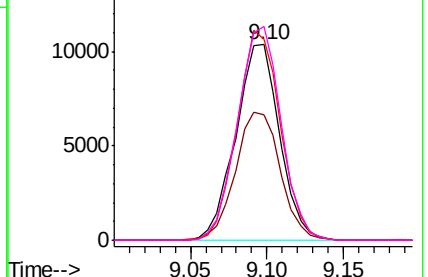
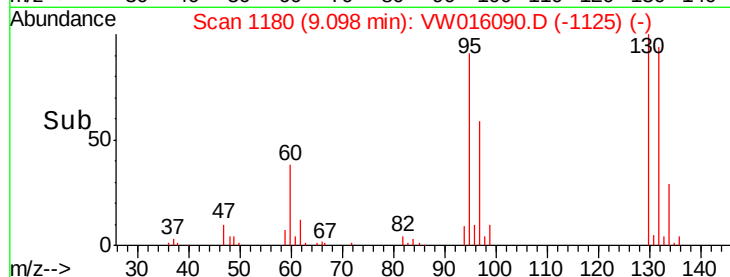


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 66.246 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016090.D

Acq: 07 Aug 2020 23:19

Tgt Ion: 164 Resp: 262249

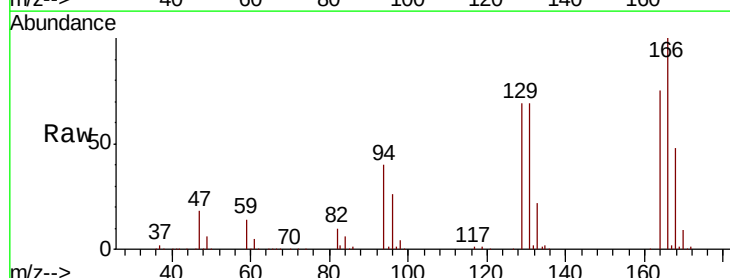
Ion Ratio Lower Upper

164 100

129 92.9 70.0 130.0

131 93.2 67.3 124.9

166 134.2 88.5 164.3



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

