

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009884.D
 Acq On : 10 Apr 2019 17:27
 Operator : SY/VA
 Sample : K2354-01
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2T3

Quant Time: Apr 11 03:47:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	405274	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392620	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178059	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107463	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.04%
7) Chloroethane-d5	2.89	69	97836	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
10) 1,1-Dichloroethene-d2	4.02	63	211554	18.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.20%
20) 2-Butanone-d5	7.07	46	128087	74.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.78%#
24) Chloroform-d	7.65	84	296226	26.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.16%
26) 1,2-Dichloroethane-d4	8.31	65	197524	29.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.36%
29) Benzene-d6	8.27	84	531665	25.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.20%
33) 1,2-Dichloropropane-d6	9.27	67	172547	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.40%
37) Toluene-d8	10.32	98	455334	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloropropene-	10.58	79	77222	25.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.72%
39) 2-Hexanone-d5	10.93	63	94605	78.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.68%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	179065	30.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.04%#
61) 1,2-Dichlorobenzene-d4	13.86	152	180317	28.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.44%

Target Compounds

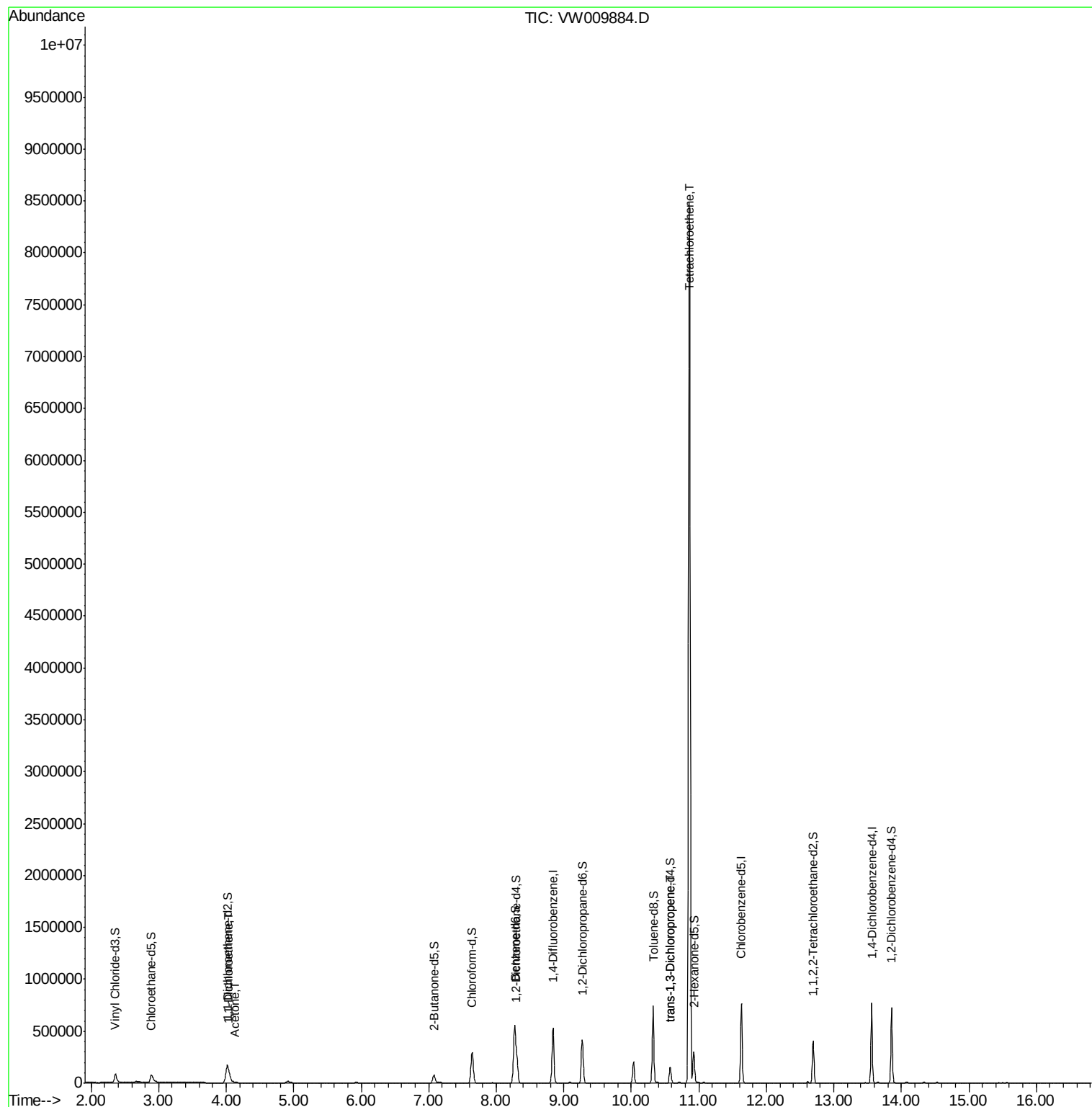
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	18261	3.392	ug/L	# 1
13) Acetone	4.12	43	8846	4.795	ug/L	78
45) trans-1,3-Dichloropropene	10.58	75	4355	0.539	ug/L	91
47) Tetrachloroethene	10.86	164	1703273	349.829	ug/L	99

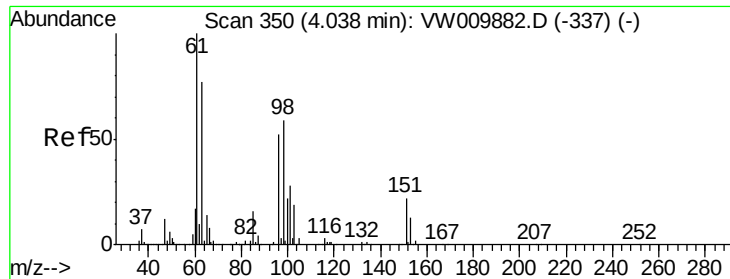
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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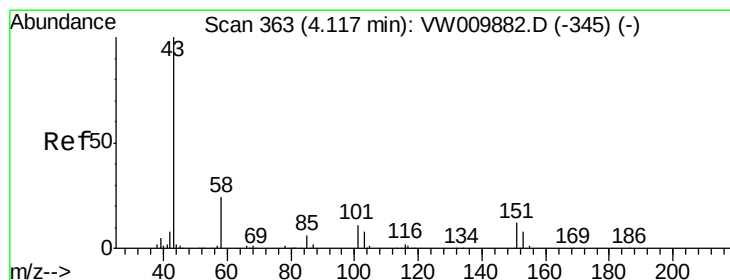
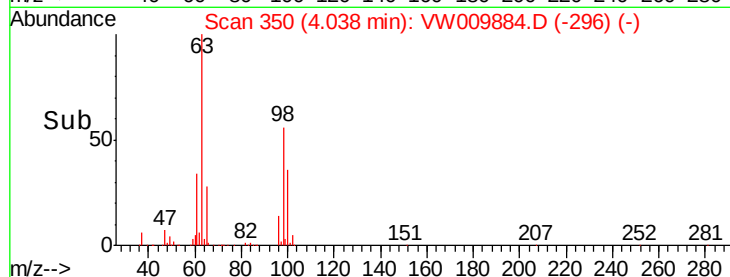
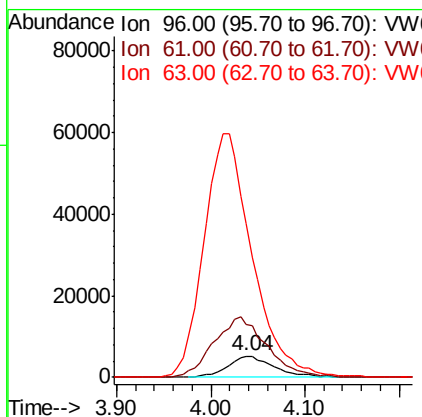
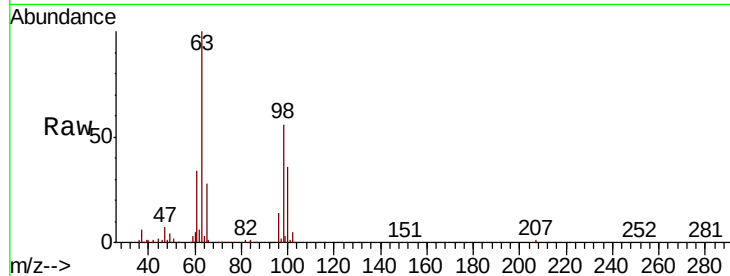




#12
 1,1-Dichloroethene
 Concen: 3.392 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW009884.D
 Acq: 10 Apr 2019 17:27

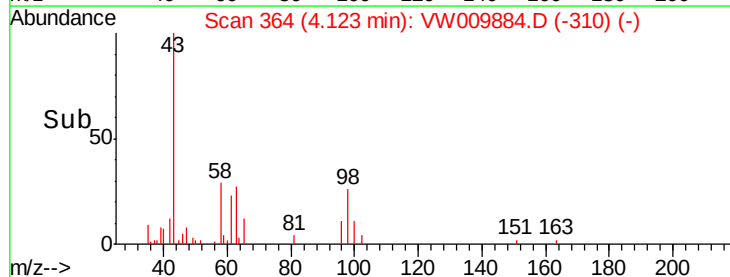
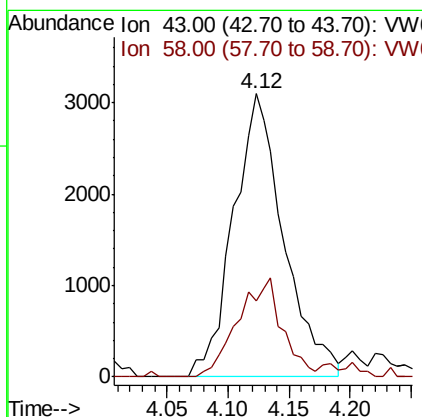
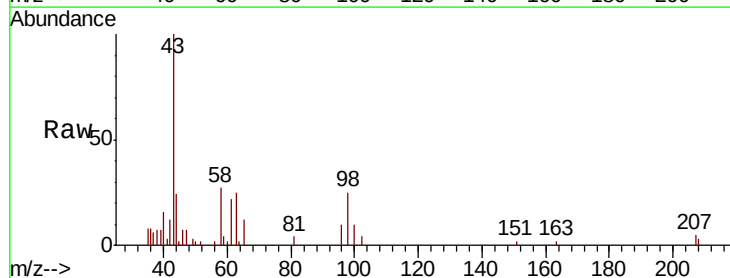
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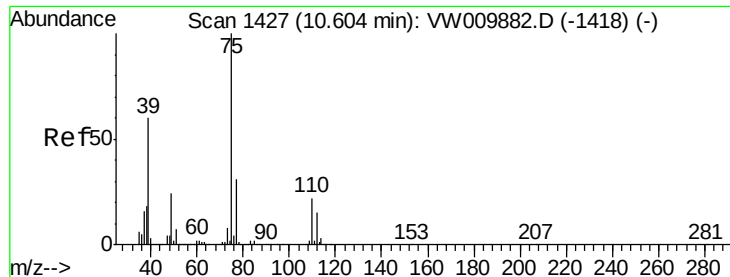
Tgt Ion: 96 Resp: 18261
 Ion Ratio Lower Upper
 96 100
 61 246.1 138.8 257.8
 63 719.1 114.6 212.8#



#13
 Acetone
 Concen: 4.795 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW009884.D
 Acq: 10 Apr 2019 17:27

Tgt Ion: 43 Resp: 8846
 Ion Ratio Lower Upper
 43 100
 58 15.4 0.0 53.0





#45

trans-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009884.D

Acq: 10 Apr 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

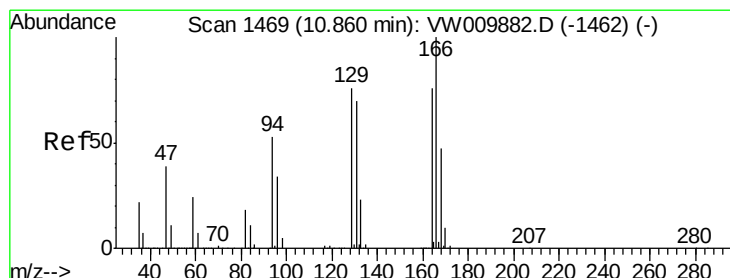
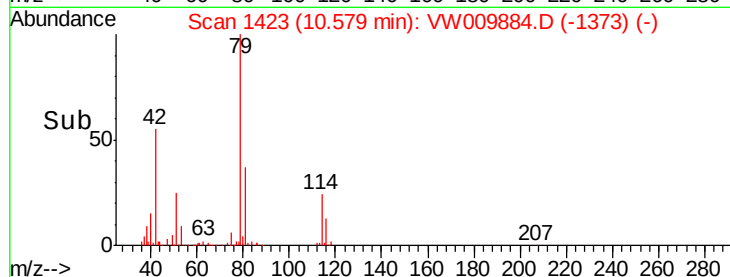
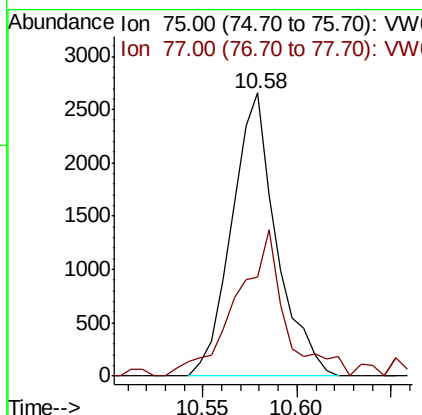
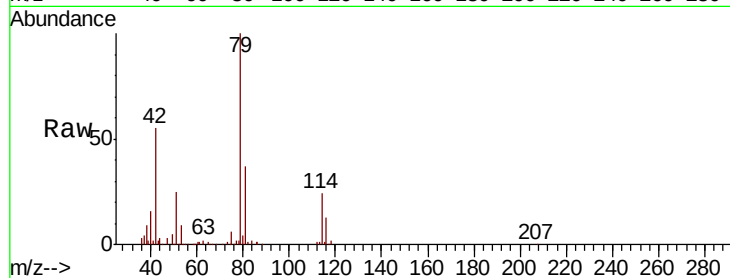
BF2T3

Tgt Ion: 75 Resp: 4355

Ion Ratio Lower Upper

75 100

77 35.1 21.1 39.3



#47

Tetrachloroethene

Concen: 349.829 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009884.D

Acq: 10 Apr 2019 17:27

Tgt Ion: 164 Resp: 1703273

Ion Ratio Lower Upper

164 100

129 98.0 68.9 127.9

131 93.8 63.1 117.1

166 127.1 88.5 164.4

