

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009551.D
 Acq On : 28 Mar 2019 22:34
 Operator : SY/VA
 Sample : K2068-16RE
 Misc : 5.28G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L0RE

Quant Time: Mar 29 07:56:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 07:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307580	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246847	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130565	35.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.08%
7) Chloroethane-d5	2.89	69	119746	27.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.36%
10) 1,1-Dichloroethene-d2	4.01	63	214192	26.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.84%
20) 2-Butanone-d5	7.07	46	60229	39.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.24%
24) Chloroform-d	7.64	84	220403	26.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	8.31	65	137652	27.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.88%
29) Benzene-d6	8.27	84	413946	30.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.64%
33) 1,2-Dichloropropane-d6	9.27	67	125137	30.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.40%#
37) Toluene-d8	10.32	98	330213	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.92%
38) trans-1,3-Dichloropropene-	10.57	79	40281	19.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.48%
39) 2-Hexanone-d5	10.93	63	41215	41.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102144	25.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	69334	26.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.20%

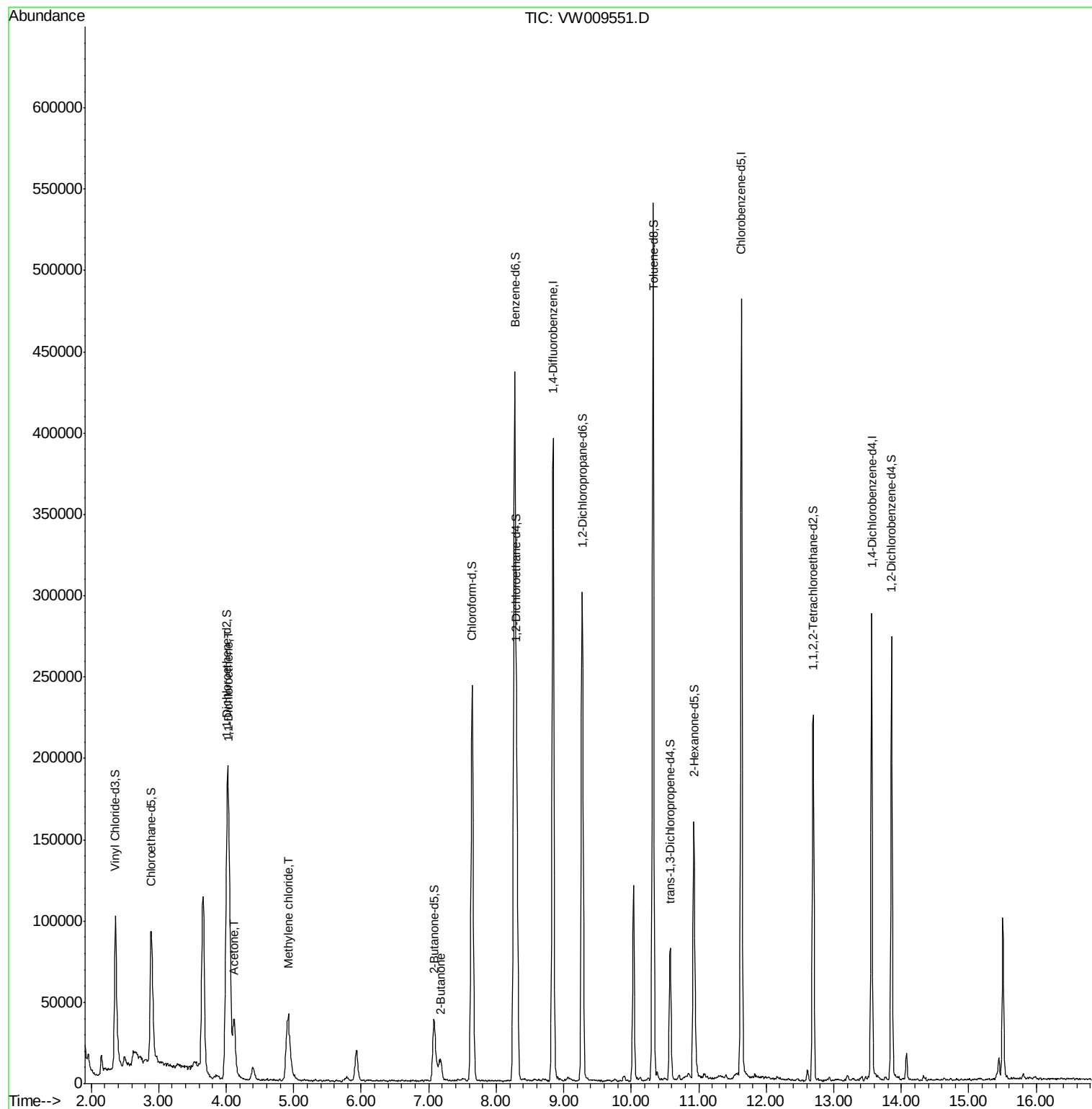
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.04	96	48817	12.889 ug/L #	60
13) Acetone	4.12	43	54867	44.015 ug/L	100
16) Methylene chloride	4.92	84	36537	8.146 ug/L	90
21) 2-Butanone	7.17	43	19653	11.418 ug/L	91

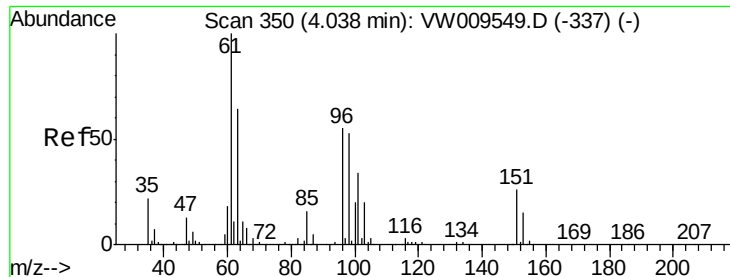
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 12.889 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

BF5L0RE

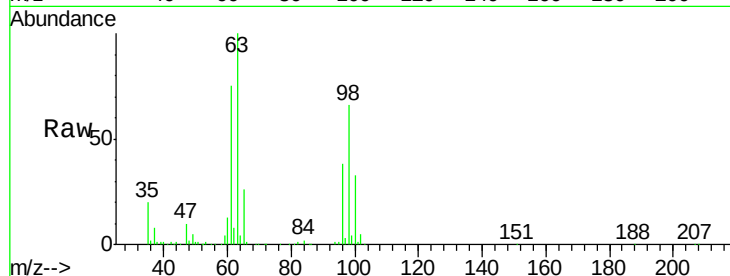
Tgt Ion: 96 Resp: 48817

Ion Ratio Lower Upper

96 100

61 199.4 129.4 240.2

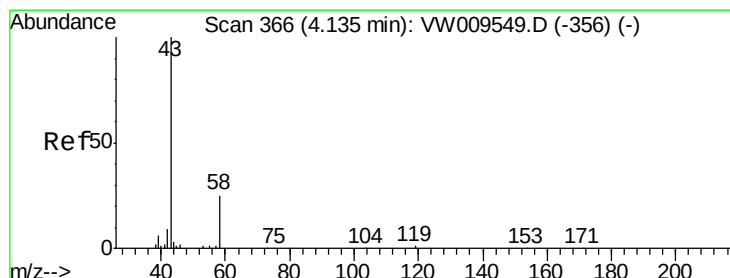
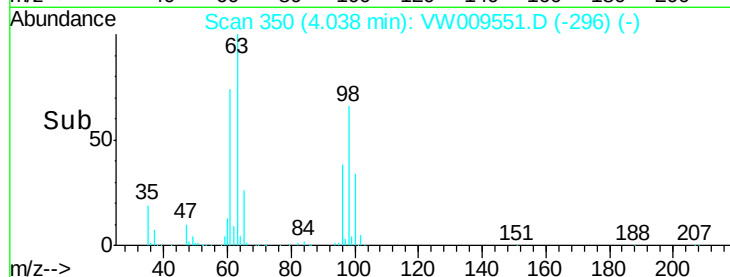
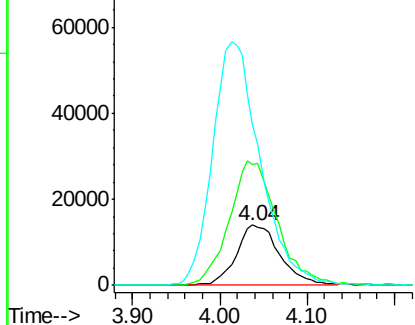
63 265.7 116.8 217.0#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 44.015 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009551.D

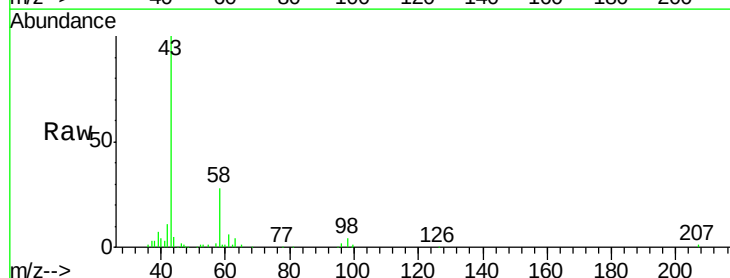
Acq: 28 Mar 2019 22:34

Tgt Ion: 43 Resp: 54867

Ion Ratio Lower Upper

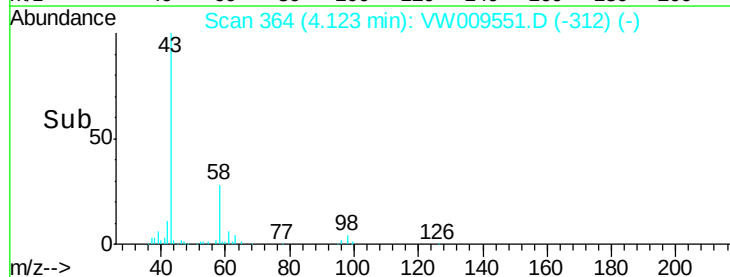
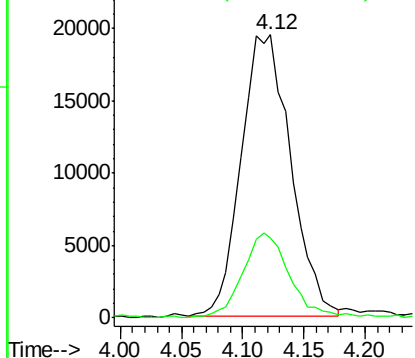
43 100

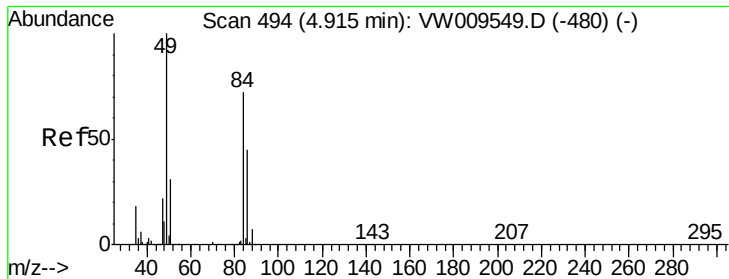
58 28.1 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

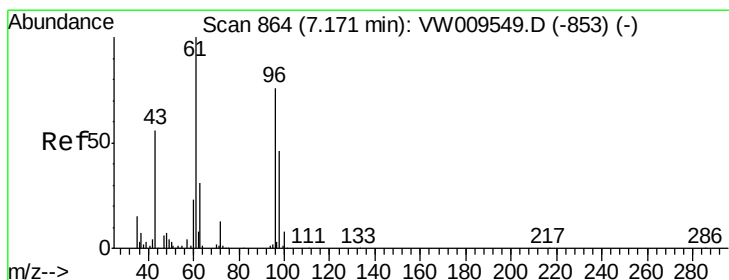
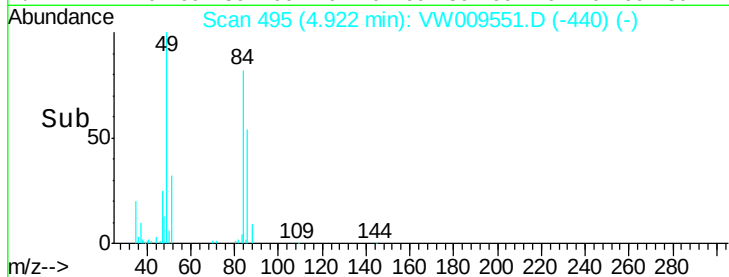
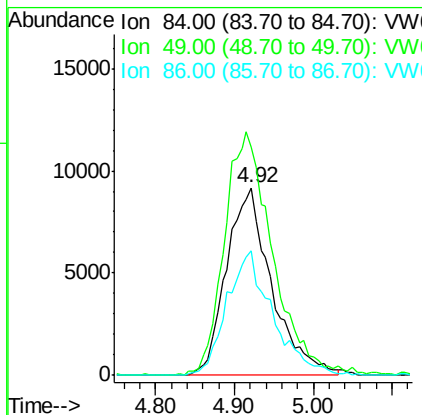
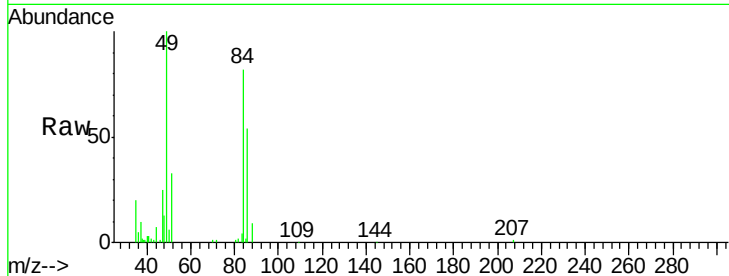




#16
Methylene chloride
Concen: 8.146 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Tgt Ion: 84 Resp: 36537
Ion Ratio Lower Upper
84 100
49 121.4 96.0 178.2
86 66.0 44.4 82.5



#21
2-Butanone
Concen: 11.418 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009551.D
Acq: 28 Mar 2019 22:34

Tgt Ion: 43 Resp: 19653
Ion Ratio Lower Upper
43 100
72 21.4 13.1 39.1

