

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
 Data File : VW009558.D
 Acq On : 29 Mar 2019 01:45
 Operator : SY/VA
 Sample : K2068-18RE
 Misc : 4.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M4RE

Quant Time: Mar 29 08:33:00 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	364722	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286148	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	79800	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147409	33.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	135.28%
7) Chloroethane-d5	2.89	69	139115	27.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.12%
10) 1,1-Dichloroethene-d2	4.01	63	211565	22.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.84%
20) 2-Butanone-d5	7.08	46	19222	10.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.32%
24) Chloroform-d	7.65	84	260973	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.30	65	160800	26.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.28%
29) Benzene-d6	8.27	84	499531	31.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.60%
33) 1,2-Dichloropropane-d6	9.27	67	148408	31.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.24%#
37) Toluene-d8	10.32	98	402537	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.36%
38) trans-1,3-Dichloropropene-	10.58	79	34450	14.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.88%
39) 2-Hexanone-d5	10.93	63	11023	9.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.20%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98668	21.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	68289	22.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.28%

Target Compounds

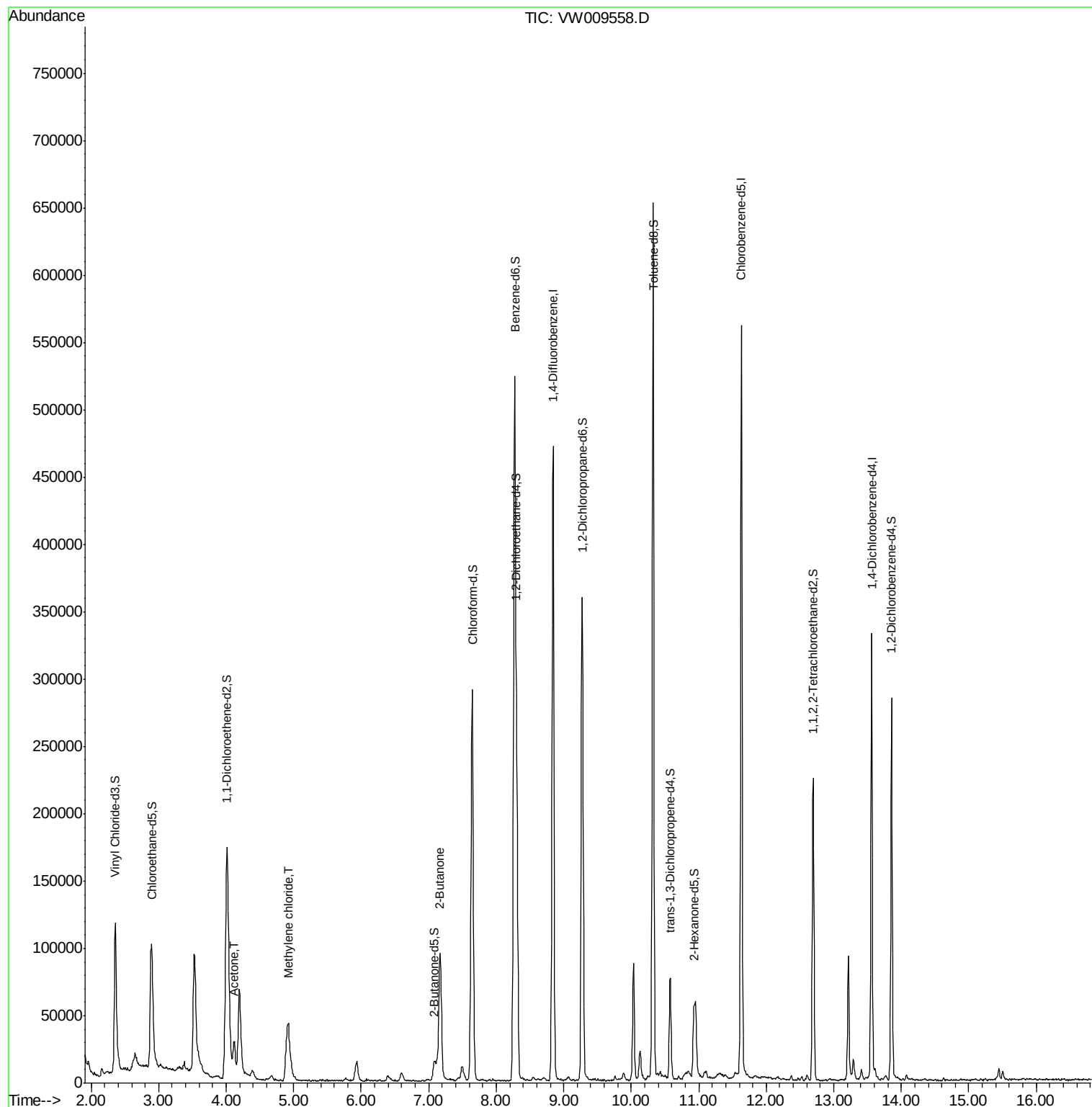
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	45673	30.899	ug/L	96
16) Methylene chloride	4.92	84	36646	6.890	ug/L	94
21) 2-Butanone	7.17	43	166343	81.503	ug/L	90

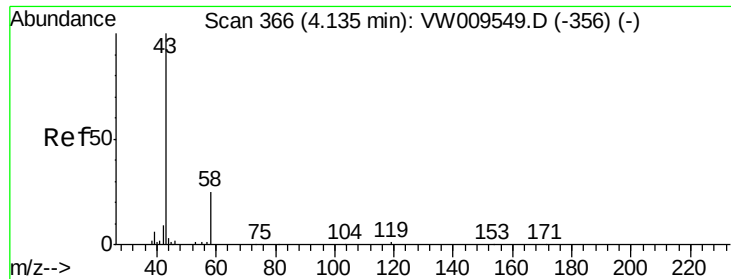
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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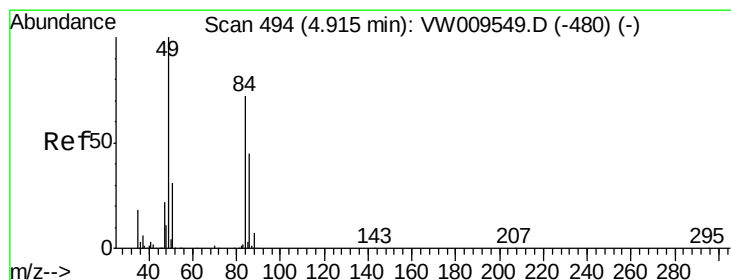
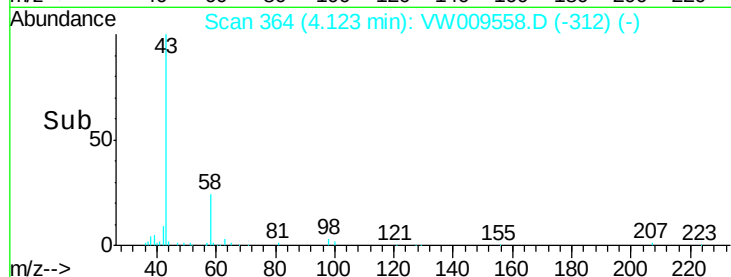
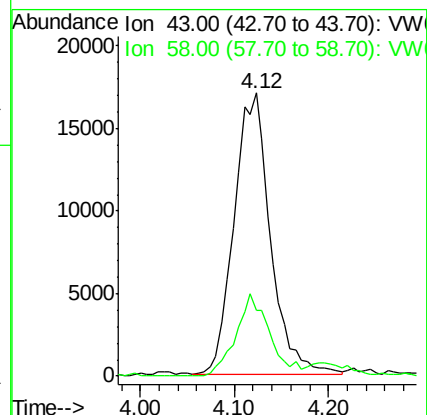
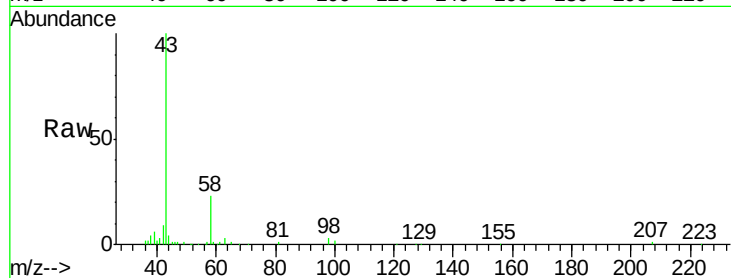




#13
Acetone
Concen: 30.899 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW009558.D
Acq: 29 Mar 2019 01:45

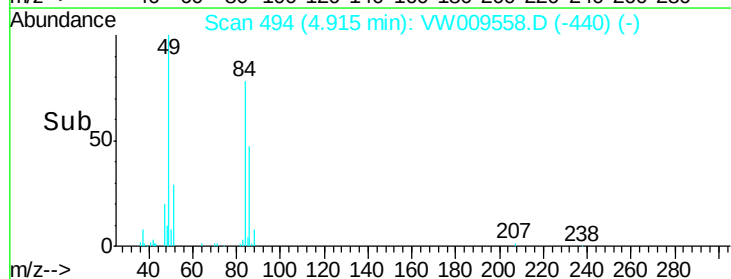
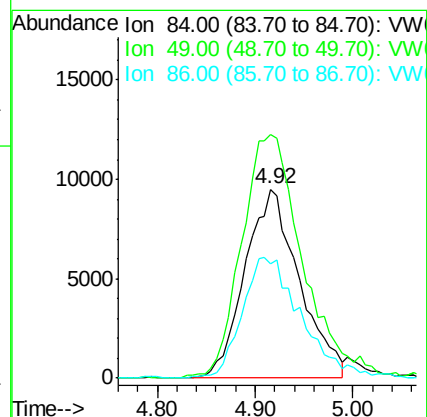
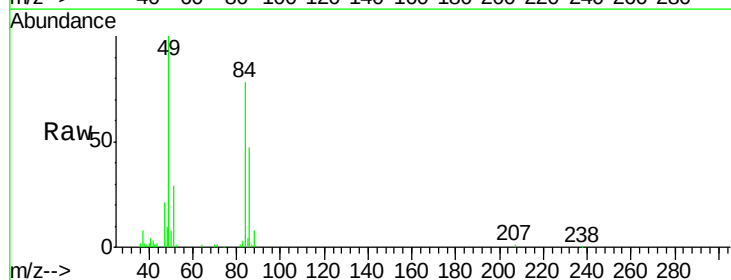
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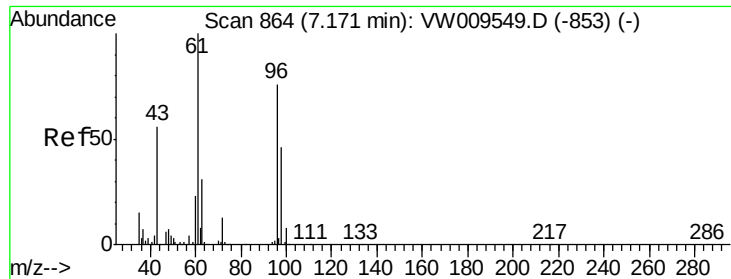
Tgt Ion: 43 Resp: 45673
Ion Ratio Lower Upper
43 100
58 26.2 0.0 56.2



#16
Methylene chloride
Concen: 6.890 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009558.D
Acq: 29 Mar 2019 01:45

Tgt Ion: 84 Resp: 36646
Ion Ratio Lower Upper
84 100
49 128.9 96.0 178.2
86 60.7 44.4 82.5





#21

2-Butanone

Concen: 81.503 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009558.D

Acq: 29 Mar 2019 01:45

Instrument :

MSVOA_W

ClientSampleId :

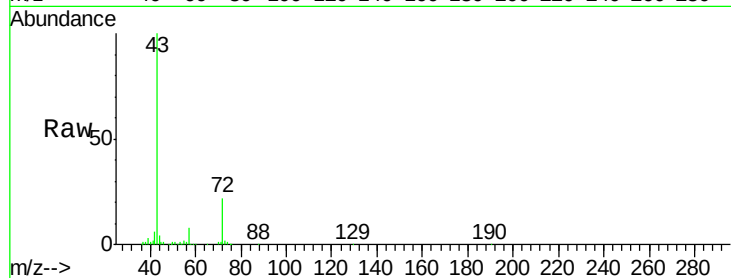
BF5M4RE

Tgt Ion: 43 Resp: 166343

Ion Ratio Lower Upper

43 100

72 21.0 13.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

