

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009830.D
 Acq On : 09 Apr 2019 09:51
 Operator : SY/VA
 Sample : K2303-04
 Misc : 4.78G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF899

Quant Time: Apr 10 01:00:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 00:56:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	584195	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	548037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233399	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	172012	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
7) Chloroethane-d5	2.89	69	156168	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.20%
10) 1,1-Dichloroethene-d2	4.01	63	318994	19.40	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.60%
20) 2-Butanone-d5	7.08	46	94296	37.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.98%
24) Chloroform-d	7.64	84	415734	26.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.32%
26) 1,2-Dichloroethane-d4	8.42	65	156	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	772370	26.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.40%
33) 1,2-Dichloropropane-d6	9.27	67	235178	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.88%
37) Toluene-d8	10.32	98	688222	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.57	79	96505	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.93	63	65325	39.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	169001	20.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	227250	27.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.00%

Target Compounds

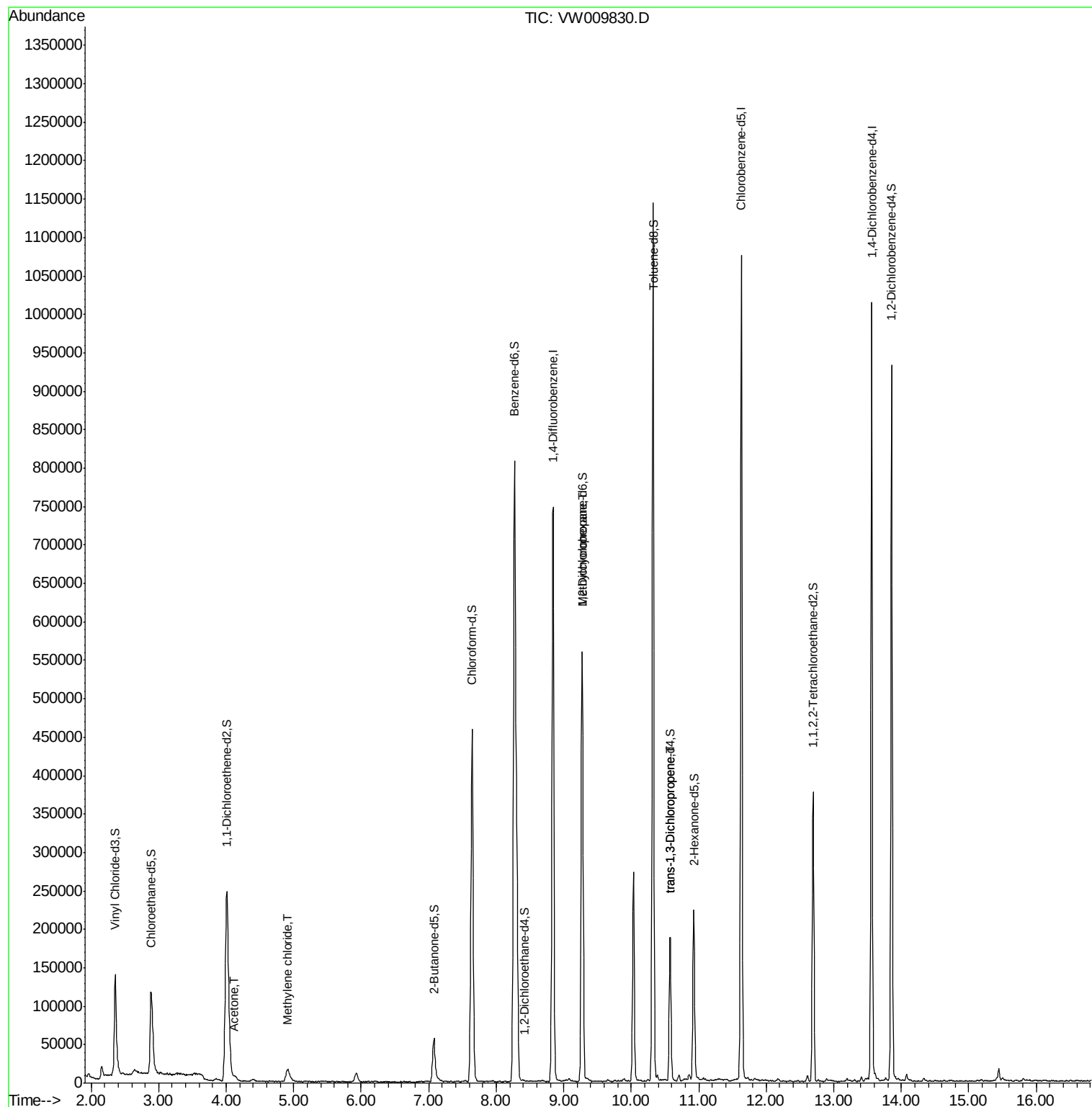
					Qvalue
13) Acetone	4.12	43	5529	2.079 ug/L	66
16) Methylene chloride	4.91	84	13328	1.294 ug/L	92
36) Methylcyclohexane	9.27	83	56821	4.005 ug/L #	17
45) trans-1,3-Dichloropropene	10.57	75	5163	0.458 ug/L #	69

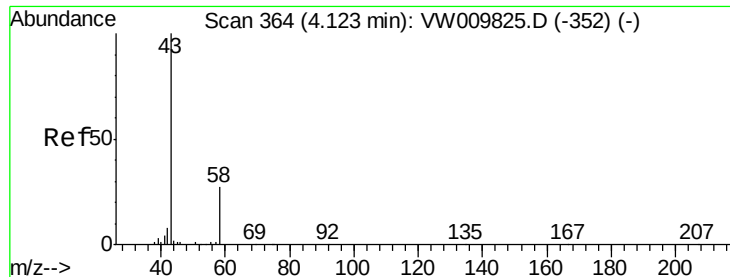
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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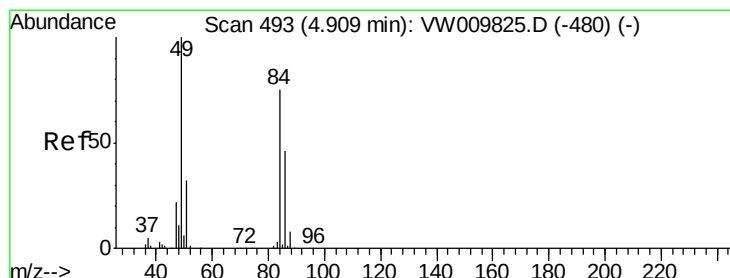
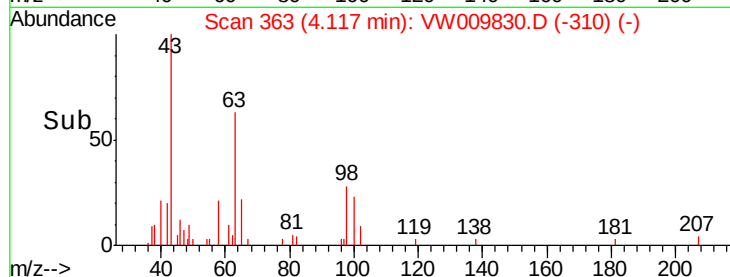
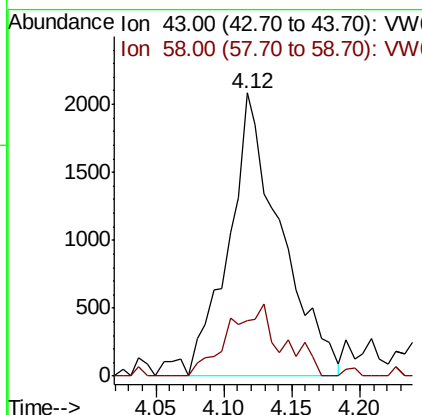
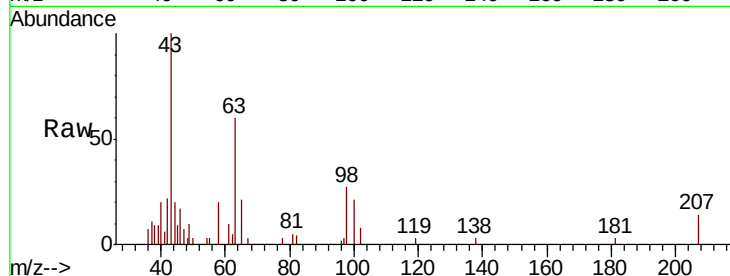




#13
Acetone
Concen: 2.079 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009830.D
Acq: 09 Apr 2019 09:51

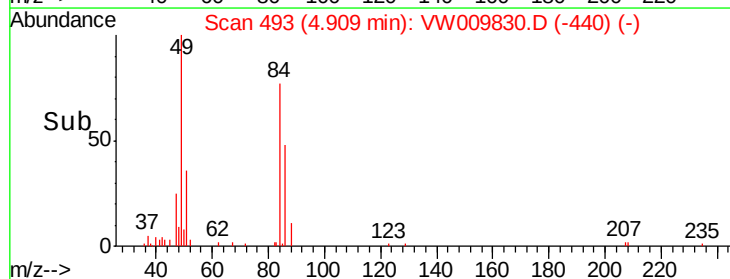
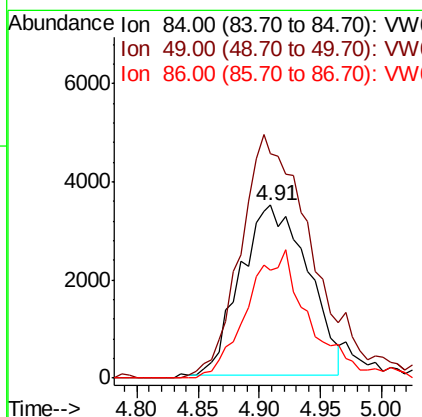
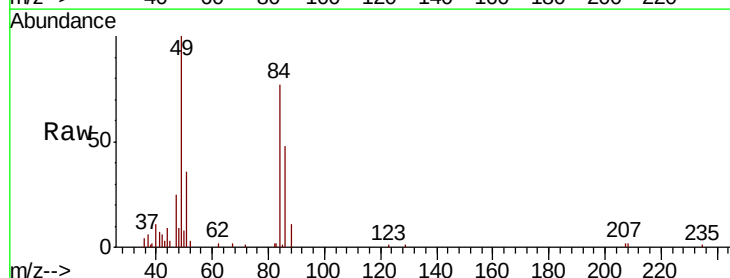
Instrument :
MSVOA_W
ClientSampled :
BF899

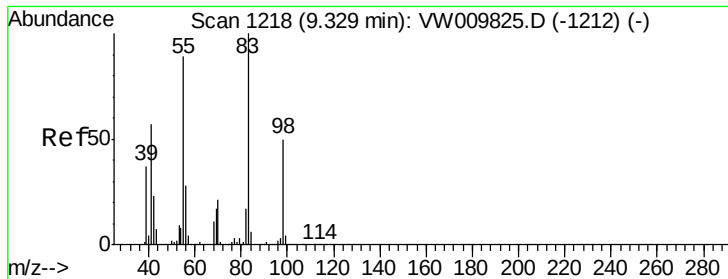
Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
58 9.1 0.0 53.0



#16
Methylene chloride
Concen: 1.294 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009830.D
Acq: 09 Apr 2019 09:51

Tgt Ion: 84 Resp: 13328
Ion Ratio Lower Upper
84 100
49 129.7 98.3 182.5
86 62.3 46.4 86.2

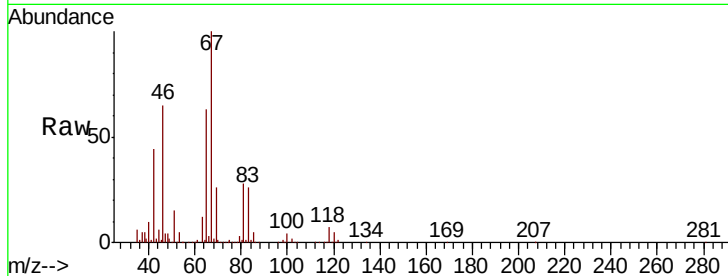




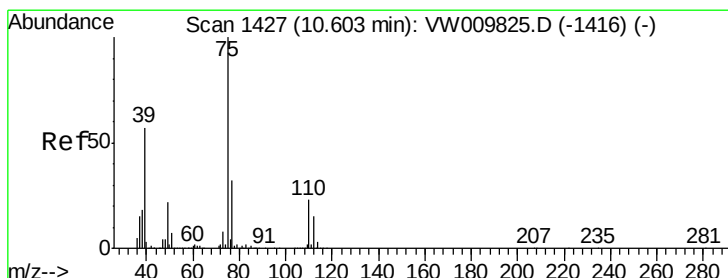
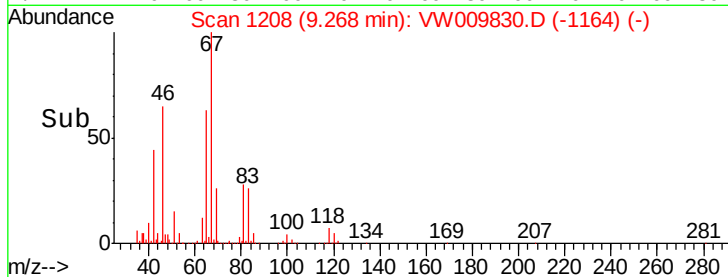
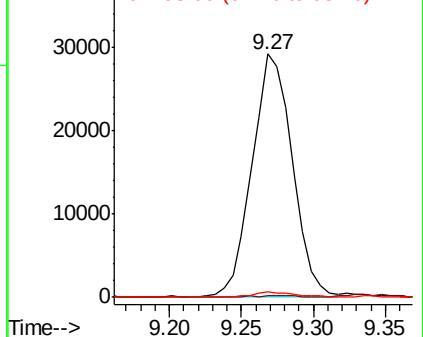
#36
Methylcyclohexane
Concen: 4.005 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW009830.D
Acq: 09 Apr 2019 09:51

Instrument :
MSVOA_W
ClientSampleId :
BF899

Tgt Ion: 83 Resp: 56821
Ion Ratio Lower Upper
83 100
55 0.5 66.3 99.5#
98 2.0 39.4 59.0#

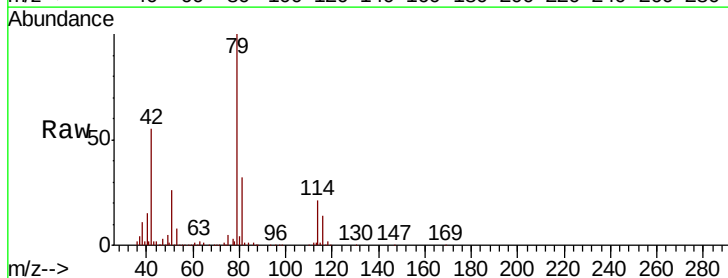


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#45
trans-1,3-Dichloropropene
Concen: 0.458 ug/L
RT: 10.57 min Scan# 1422
Delta R.T. -0.03 min
Lab File: VW009830.D
Acq: 09 Apr 2019 09:51

Tgt Ion: 75 Resp: 5163
Ion Ratio Lower Upper
75 100
77 47.0 21.1 39.3#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

