

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\
 Data File : VW009943.D
 Acq On : 12 Apr 2019 05:44
 Operator : SY/VA
 Sample : K2328-14
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB712

Quant Time: Apr 12 08:49:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 05:38:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	368075	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389175	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64110	13.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.24%
7) Chloroethane-d5	2.89	69	68225	15.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.84%
10) 1,1-Dichloroethene-d2	4.00	63	131098	12.66	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.64%
20) 2-Butanone-d5	7.08	46	89495	57.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.46%
24) Chloroform-d	7.64	84	243923	24.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	8.30	65	171075	27.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.96%
29) Benzene-d6	8.27	84	408126	19.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.92%
33) 1,2-Dichloropropane-d6	9.27	67	148677	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.24%
37) Toluene-d8	10.32	98	342914	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.60%
38) trans-1,3-Dichloropropene-	10.58	79	57596	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	10.93	63	54661	45.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148916	25.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	146225	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%

Target Compounds

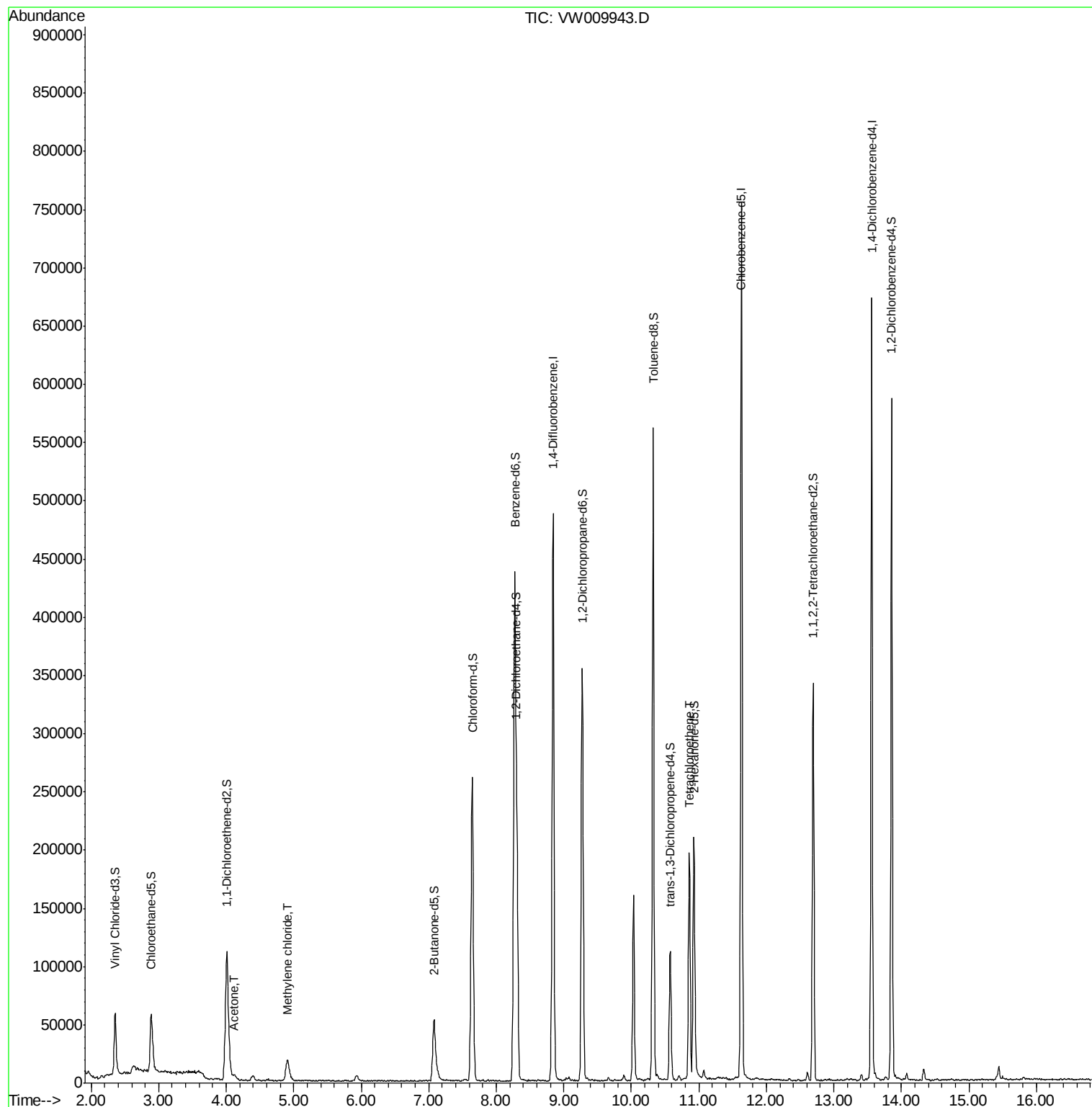
					Ovalue
13) Acetone	4.12	43	6354	3.792 ug/L	85
16) Methylene chloride	4.91	84	14249	2.195 ug/L	97
47) Tetrachloroethene	10.86	164	39263	8.135 ug/L	96

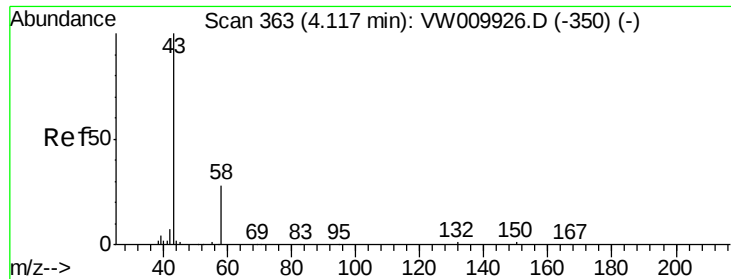
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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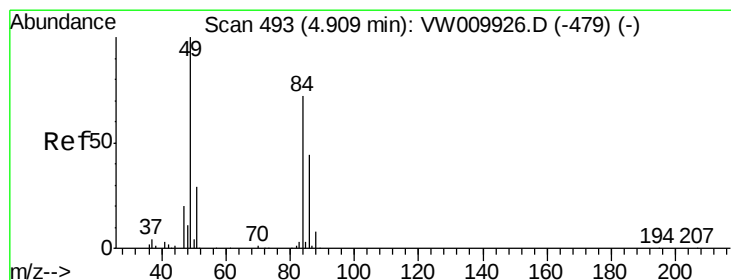
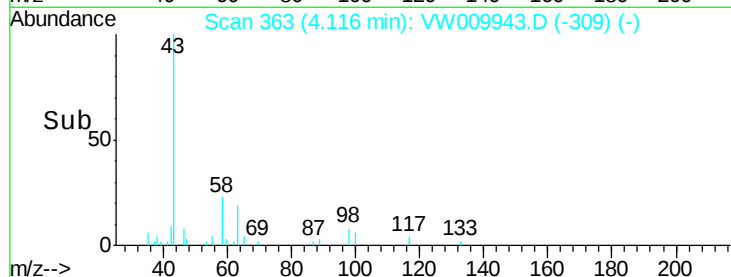
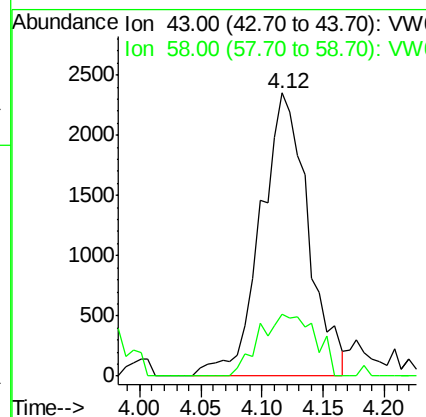
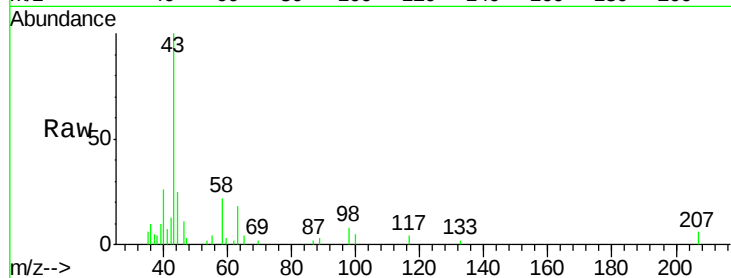




#13
Acetone
Concen: 3.792 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW009943.D
Acq: 12 Apr 2019 05:44

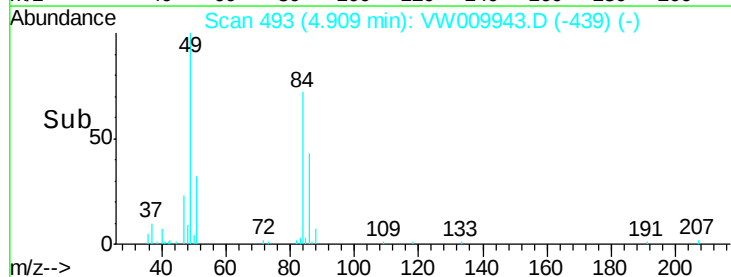
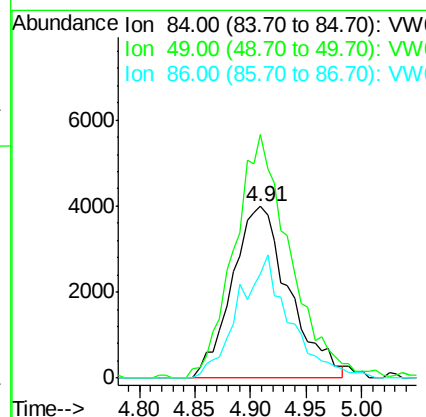
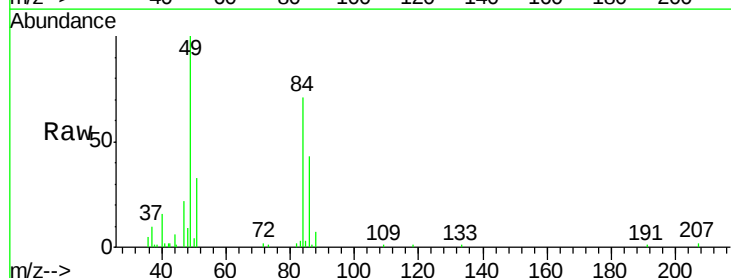
Instrument :
MSVOA_W
ClientSampled :
DB712

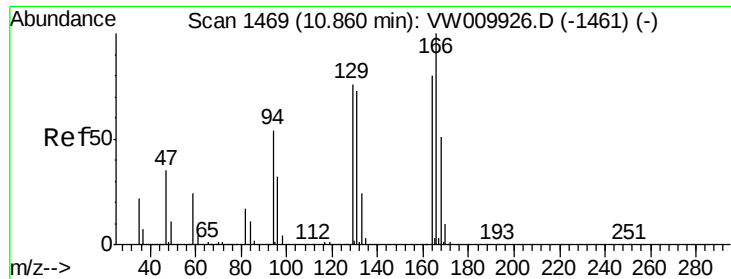
Tot Ion: 43 Resp: 6354
Ion Ratio Lower Upper
43 100
58 19.0 0.0 53.0



#16
Methylene chloride
Concen: 2.195 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009943.D
Acq: 12 Apr 2019 05:44

Tgt Ion: 84 Resp: 14249
Ion Ratio Lower Upper
84 100
49 141.7 98.3 182.5
86 60.5 46.4 86.2





#47

Tetrachloroethene

Concen: 8.135 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009943.D

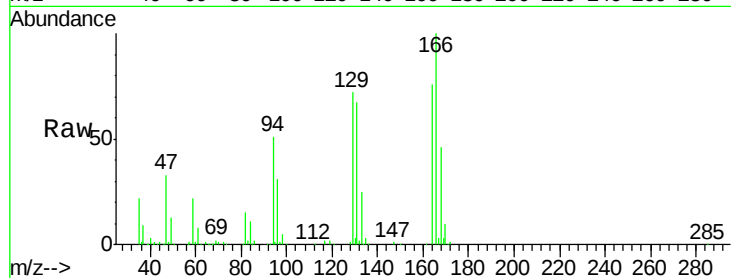
Acq: 12 Apr 2019 05:44

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MSVOA_W

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Tot Ion:164 Resp: 39263

Ion Ratio Lower Upper

164 100

129 94.1 68.9 127.9

131 87.1 63.1 117.1

166 130.9 88.5 164.4

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

