

Data File : VW009407.D
Acq On : 23 Mar 2019 23:27
Operator : SY/VA
Sample : K2083-01
Misc : 5.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0M9

Quant Time: Mar 23 23:57:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349050	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	343309	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151669	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75164	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.08%
7) Chloroethane-d5	2.89	69	78350	16.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.20%
10) 1,1-Dichloroethene-d2	4.01	63	119826	13.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.16%
20) 2-Butanone-d5	7.07	46	65620	38.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.08%
24) Chloroform-d	7.64	84	194427	20.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	8.31	65	115832	20.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.76%
29) Benzene-d6	8.27	84	341357	18.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.12%
33) 1,2-Dichloropropane-d6	9.27	67	109678	19.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.16%
37) Toluene-d8	10.32	98	295008	16.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.40%
38) trans-1,3-Dichloropropene-	10.58	79	46532	16.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.16%
39) 2-Hexanone-d5	10.93	63	45998	33.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108021	19.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	117705	20.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.96%

Target Compounds

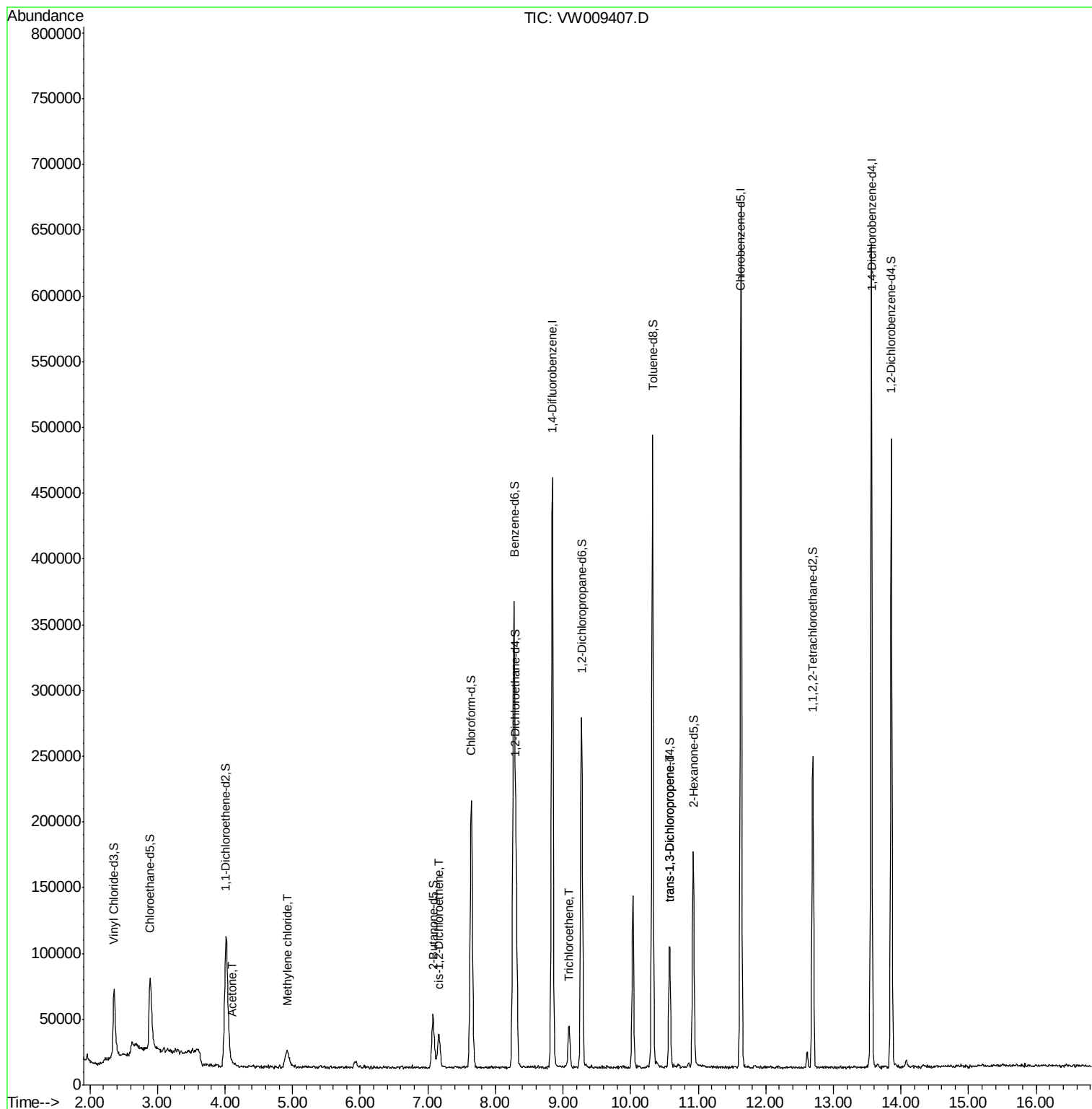
					Qvalue
13) Acetone	4.11	43	1055	0.746 ug/L	78
16) Methylene chloride	4.92	84	11611	2.281 ug/L	90
22) cis-1,2-Dichloroethene	7.17	96	12909	2.637 ug/L	83
35) Trichloroethene	9.09	95	10461	2.089 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	2958	0.433 ug/L	98

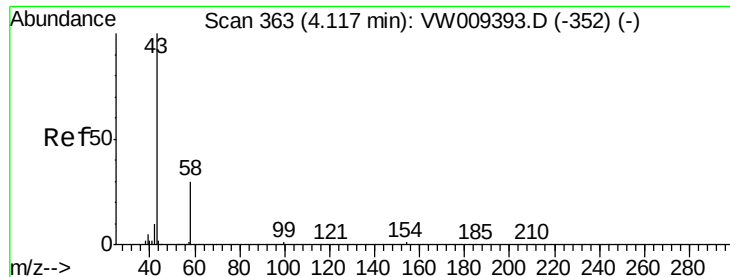
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.746 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 23:27

Instrument :

MSVOA_W

ClientSampled :

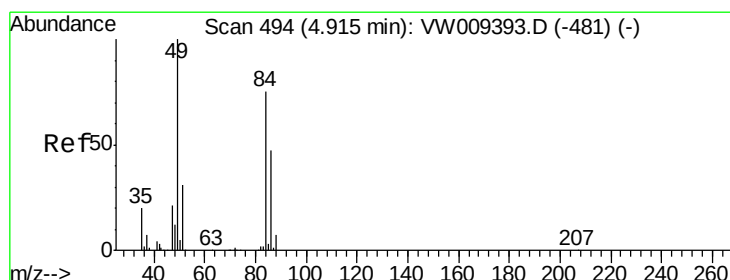
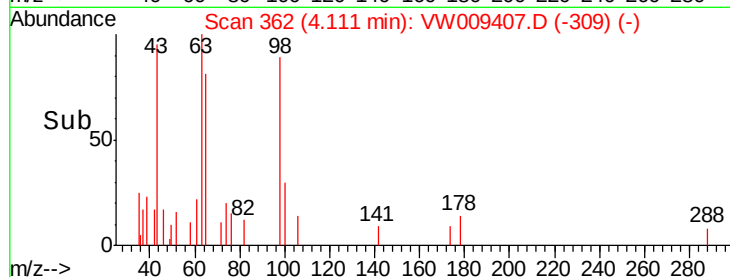
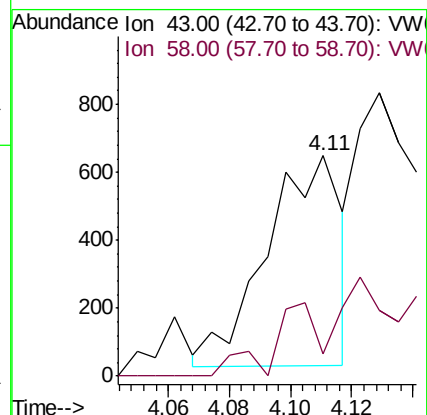
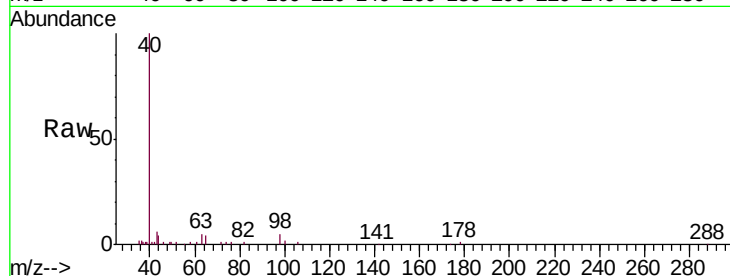
BF0M9

Tgt Ion: 43 Resp: 1055

Ion Ratio Lower Upper

43 100

58 16.6 0.0 56.2



#16

Methylene chloride

Concen: 2.281 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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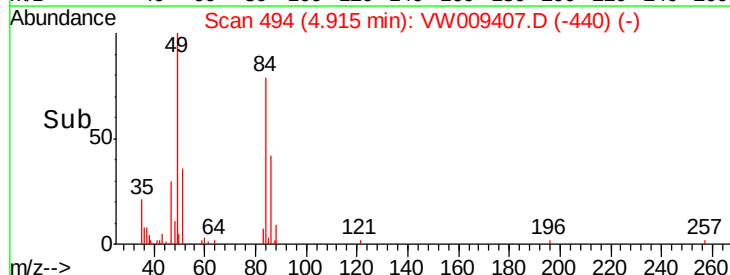
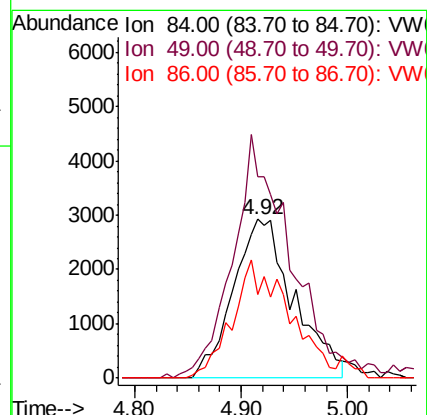
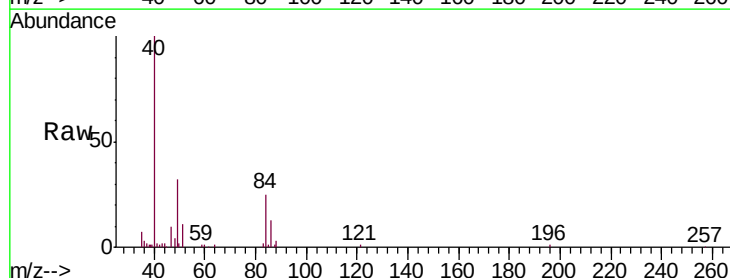
Tgt Ion: 84 Resp: 11611

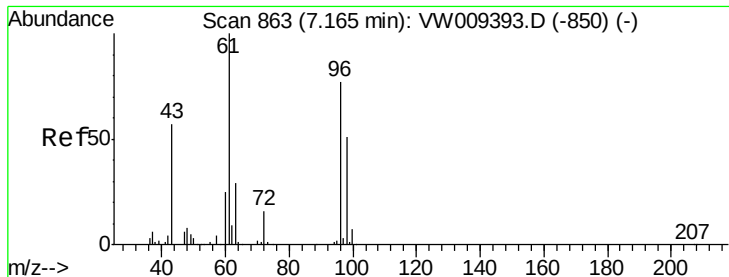
Ion Ratio Lower Upper

84 100

49 126.8 96.0 178.2

86 53.0 44.4 82.5



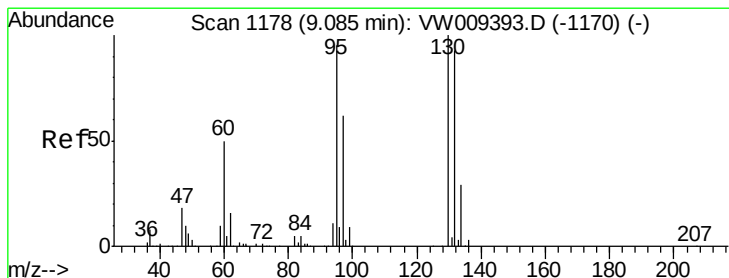
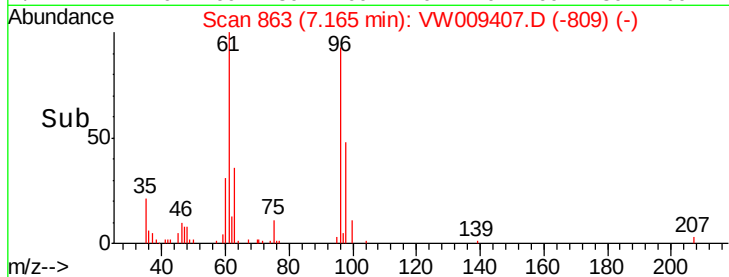
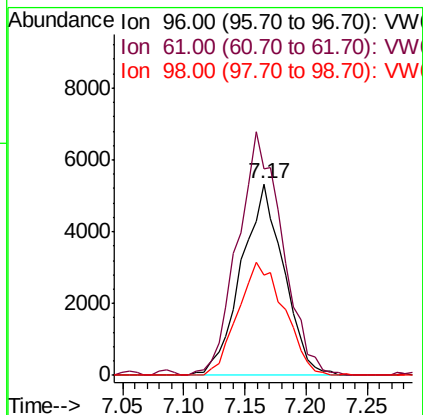
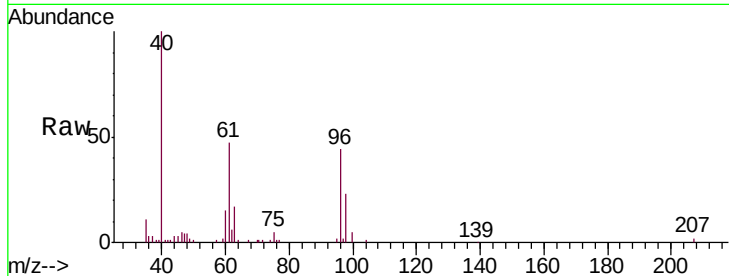


#22

cis-1,2-Dichloroethene
Concen: 2.637 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
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MSVOA_W
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BF0M9

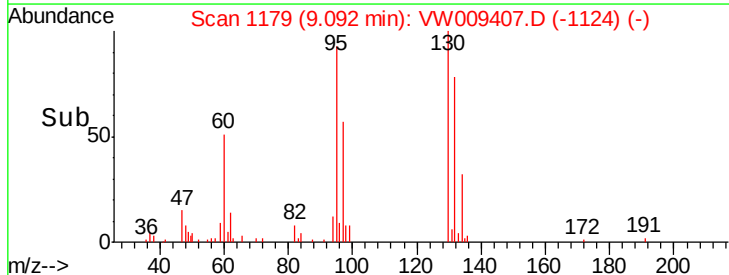
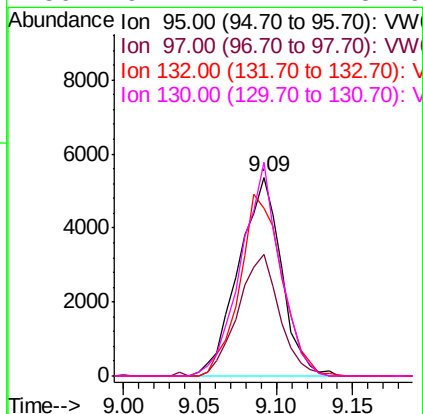
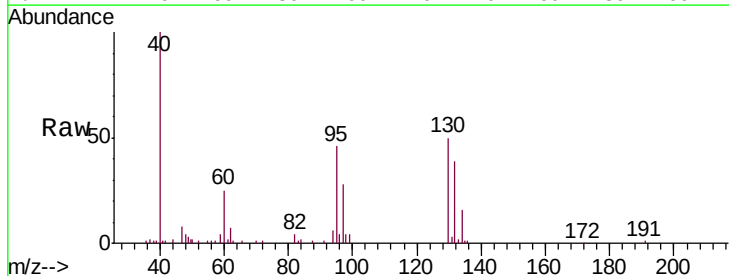
Tgt Ion: 96 Resp: 12909
Ion Ratio Lower Upper
96 100
61 107.9 90.6 168.3
98 52.1 44.0 81.8

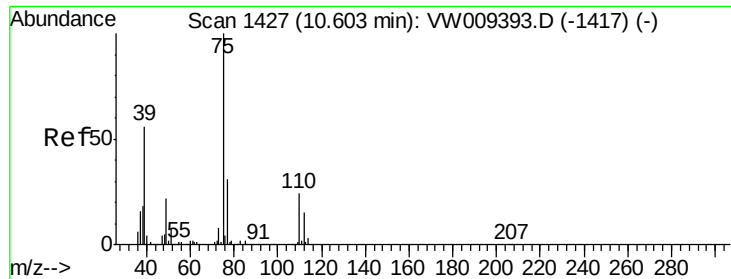


#35

Trichloroethene
Concen: 2.089 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009407.D
Acq: 23 Mar 2019 23:27

Tgt Ion: 95 Resp: 10461
Ion Ratio Lower Upper
95 100
97 58.9 44.7 82.9
132 89.7 69.0 128.2
130 97.7 72.7 134.9





#45

trans-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009407.D

Acq: 23 Mar 2019 23:27

Instrument :

MSVOA_W

ClientSampleId :

BF0M9

Tgt Ion: 75 Resp: 2958

Ion Ratio Lower Upper

75 100

77 33.4 22.5 41.7

