

Data File : VW009289.D
Acq On : 20 Mar 2019 16:03
Operator : SY/VA
Sample : K1986-11
Misc : 5.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF119

Quant Time: Mar 21 10:33:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 10:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359413	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344325	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161872	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106230	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
7) Chloroethane-d5	2.90	69	92825	18.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.88%
10) 1,1-Dichloroethene-d2	4.02	63	159609	17.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.76%
20) 2-Butanone-d5	7.07	46	91662	51.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.22%
24) Chloroform-d	7.64	84	208100	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.52	65	148	0.03	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	402817	21.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.84%
33) 1,2-Dichloropropane-d6	9.27	67	123038	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.32	98	355324	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.96%
38) trans-1,3-Dichloropropene-	10.57	79	55653	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.72%
39) 2-Hexanone-d5	10.93	63	71481	51.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130450	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	142316	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%

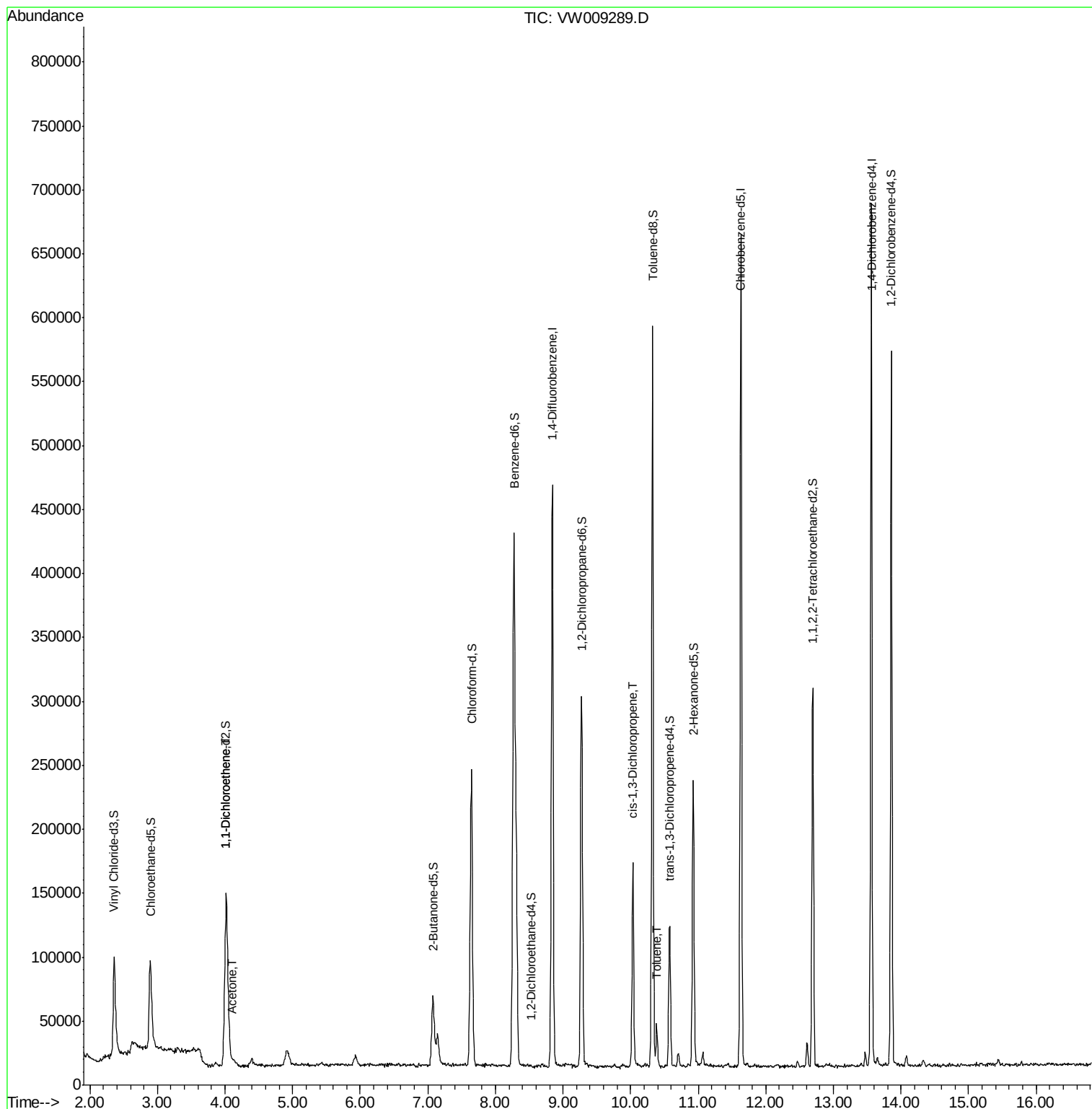
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.01	96	1278	0.289 ug/L #	1
13) Acetone	4.11	43	2165	1.486 ug/L	60
42) cis-1,3-Dichloropropene	10.03	75	4741	0.602 ug/L #	63
44) Toluene	10.38	91	22266	1.081 ug/L	92

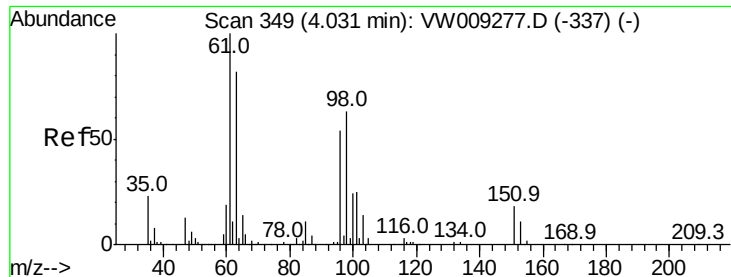
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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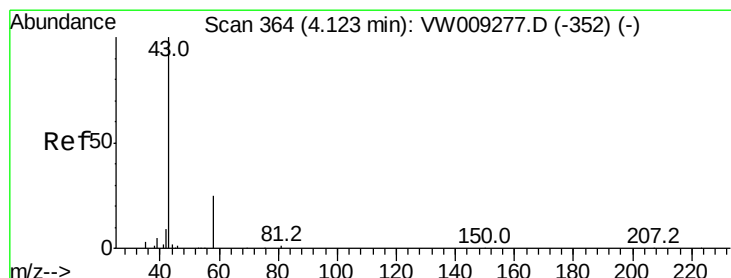
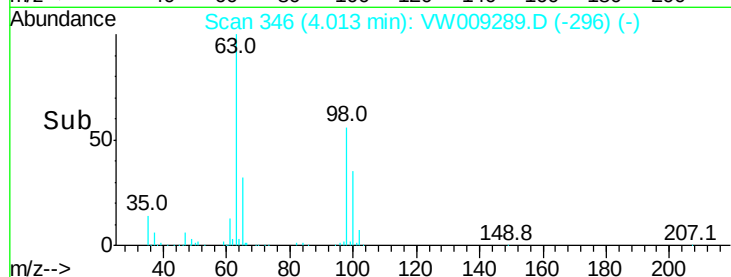
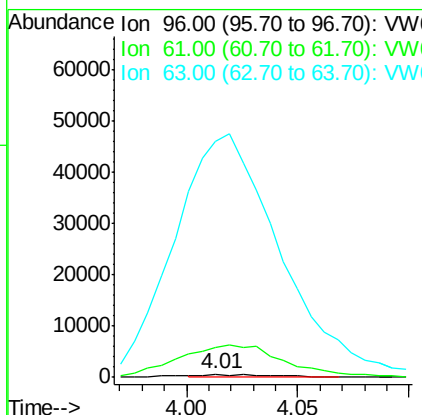
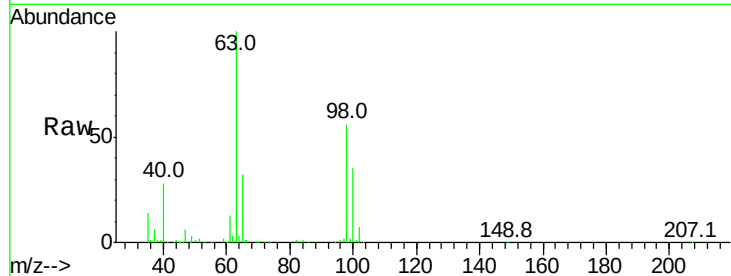




#12
 1,1-Dichloroethene
 Concen: 0.289 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.02 min
 Lab File: VW009289.D
 Acq: 20 Mar 2019 16:03

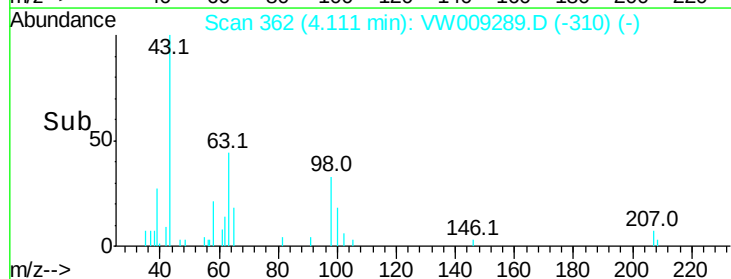
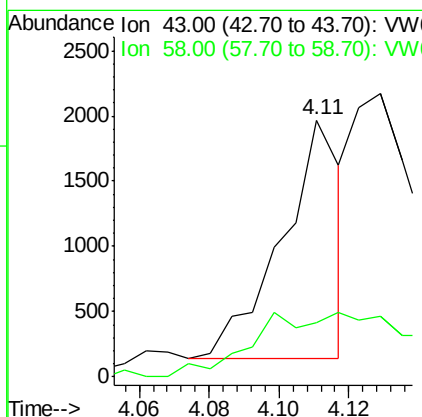
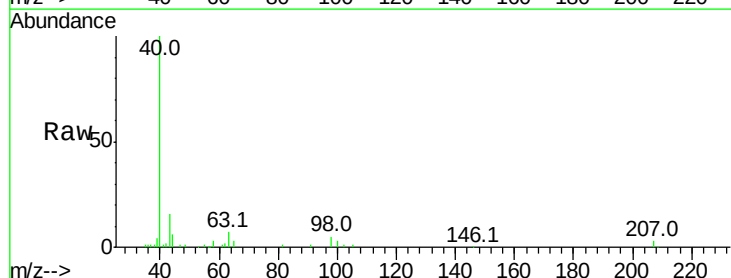
Instrument :
 MSVOA_W
 ClientSampled :
 BF119

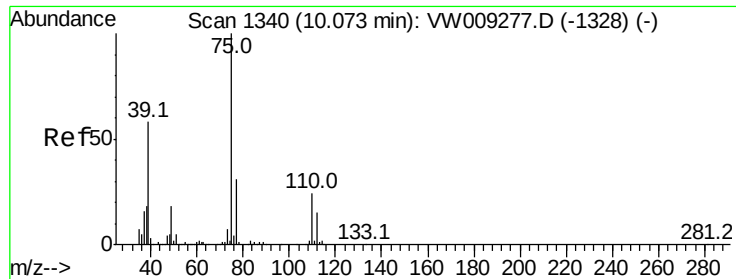
Tgt Ion: 96 Resp: 1278
 Ion Ratio Lower Upper
 96 100
 61 932.2 129.4 240.2#
 63 7324.8 116.8 217.0#



#13
 Acetone
 Concen: 1.486 ug/L
 RT: 4.11 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VW009289.D
 Acq: 20 Mar 2019 16:03

Tgt Ion: 43 Resp: 2165
 Ion Ratio Lower Upper
 43 100
 58 49.2 0.0 56.2





#42

cis-1,3-Dichloropropene

Concen: 0.602 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009289.D

Acq: 20 Mar 2019 16:03

Instrument :

MSVOA_W

ClientSampleId :

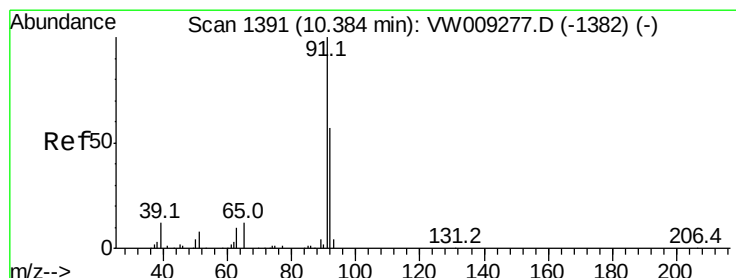
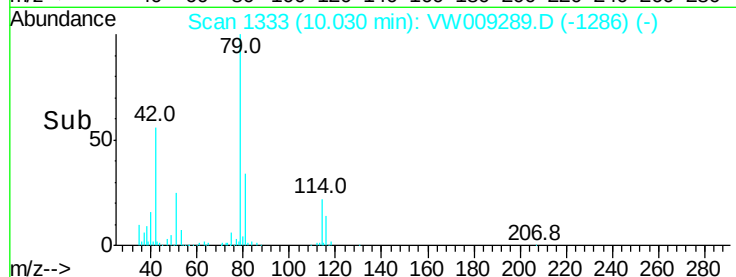
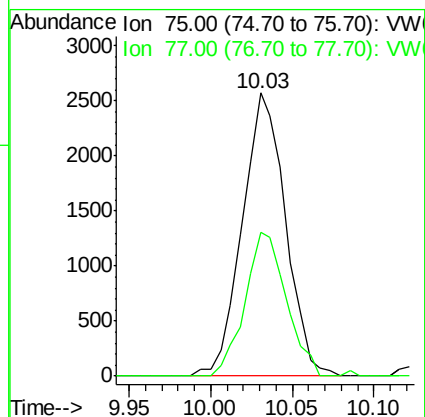
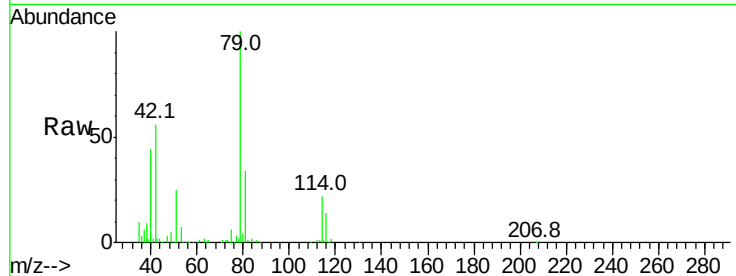
BF119

Tgt Ion: 75 Resp: 4741

Ion Ratio Lower Upper

75 100

77 51.1 21.6 40.2#



#44

Toluene

Concen: 1.081 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009289.D

Acq: 20 Mar 2019 16:03

Tgt Ion: 91 Resp: 22266

Ion Ratio Lower Upper

91 100

92 62.4 39.8 73.8

