

Data File : VW009294.D
Acq On : 20 Mar 2019 18:18
Operator : SY/VA
Sample : K1986-16
Misc : 5.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF124

Quant Time: Mar 21 10:34:30 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	362944	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163963	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107035	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
7) Chloroethane-d5	2.89	69	101808	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
10) 1,1-Dichloroethene-d2	4.01	63	166489	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.04%
20) 2-Butanone-d5	7.08	46	70894	39.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.04%
24) Chloroform-d	7.64	84	226833	22.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	8.38	65	177	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	426011	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	129087	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.24%
37) Toluene-d8	10.32	98	382808	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.96%
38) trans-1,3-Dichloropropene-	10.57	79	55987	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.08%
39) 2-Hexanone-d5	10.93	63	53688	38.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118759	20.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	147128	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

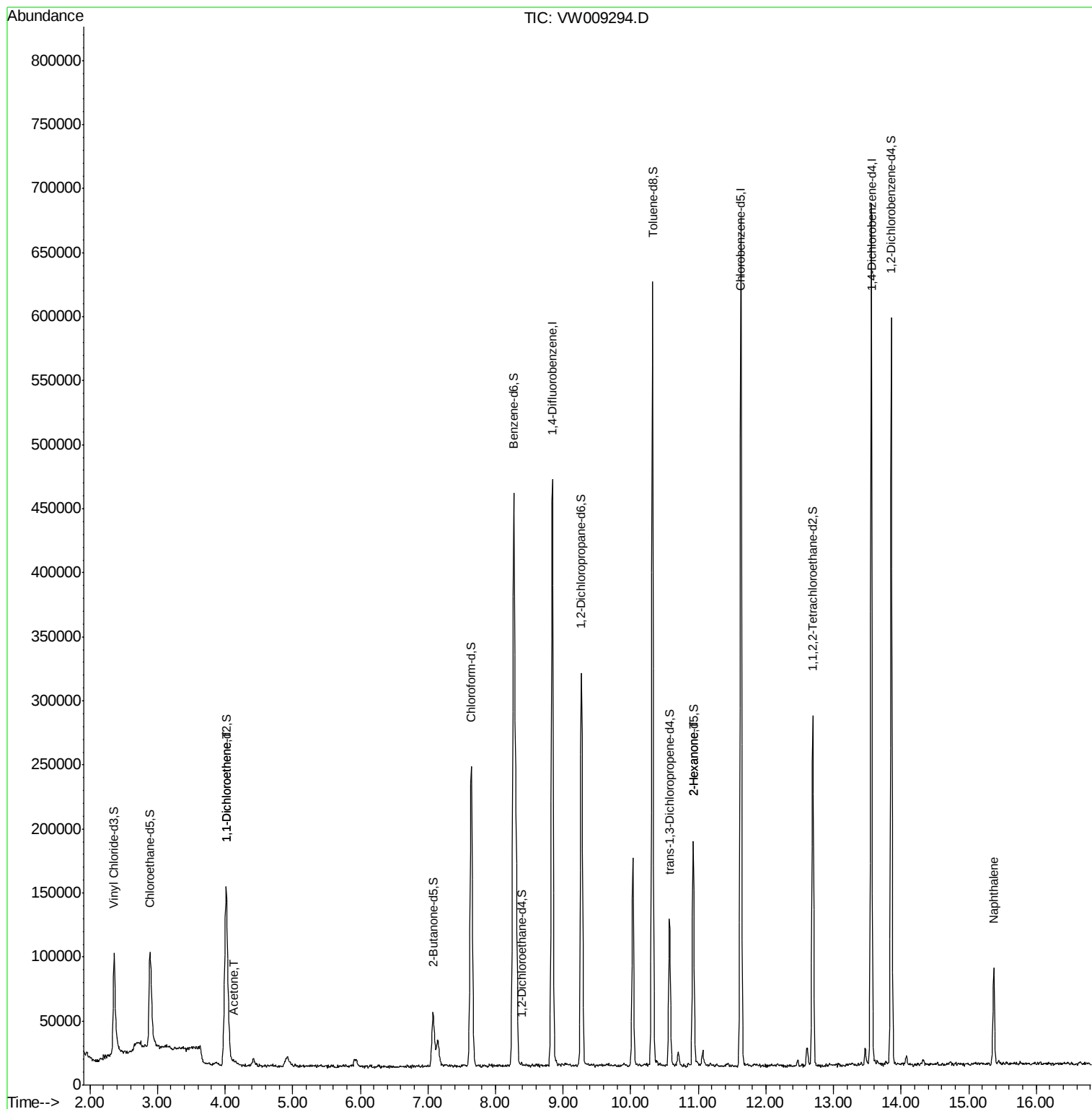
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.01	96	1356	0.303 ug/L #	1
13) Acetone	4.13	43	3450	2.345 ug/L	91
49) 2-Hexanone	10.93	43	7899	2.523 ug/L #	69
69) Naphthalene	15.37	128	61125	4.605 ug/L	99

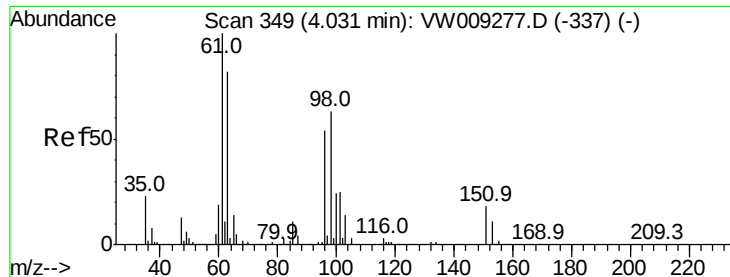
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.303 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

BF124

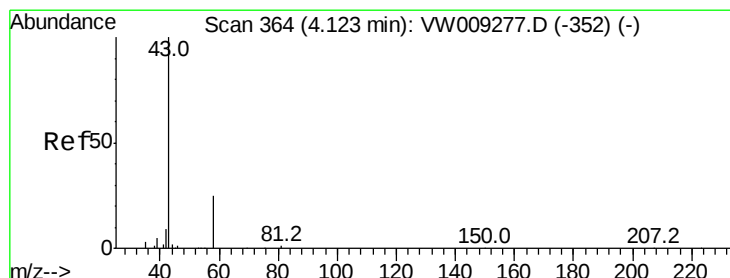
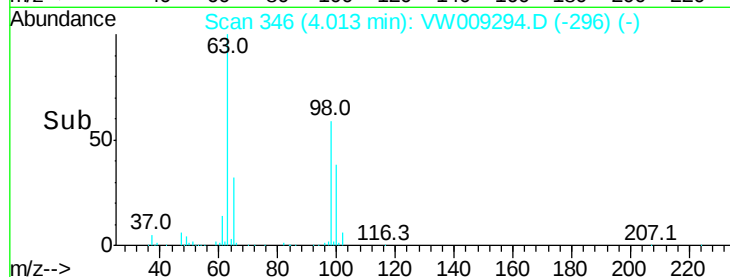
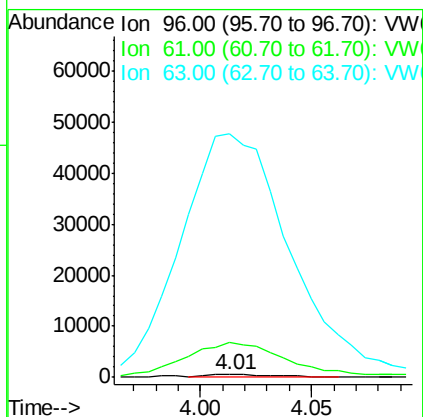
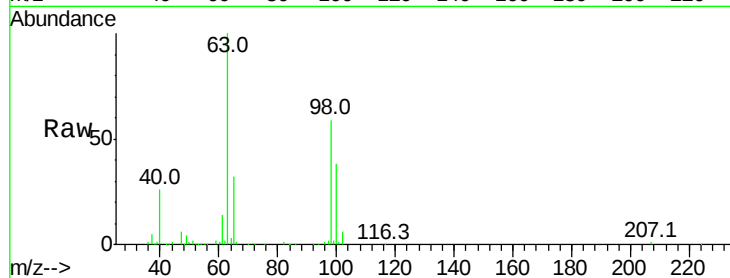
Tgt Ion: 96 Resp: 1356

Ion Ratio Lower Upper

96 100

61 1231.7 129.4 240.2#

63 8734.1 116.8 217.0#



#13

Acetone

Concen: 2.345 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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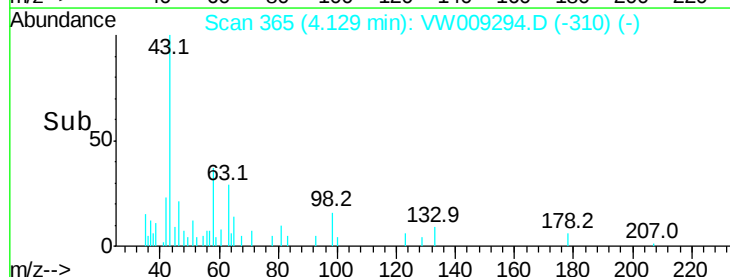
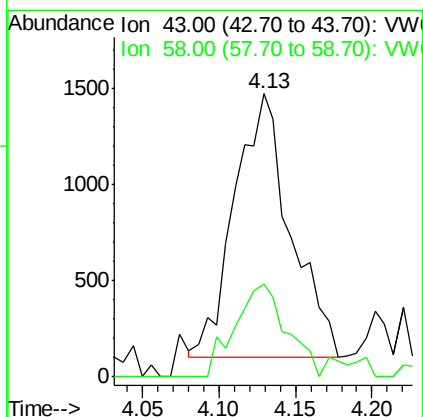
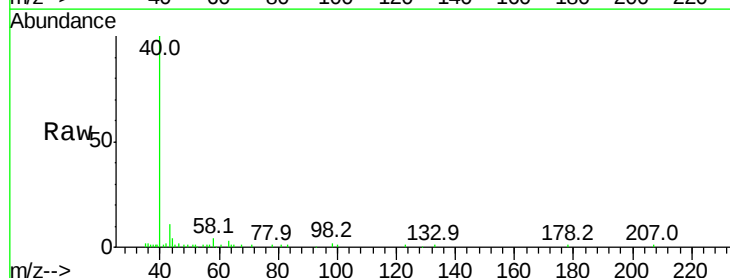
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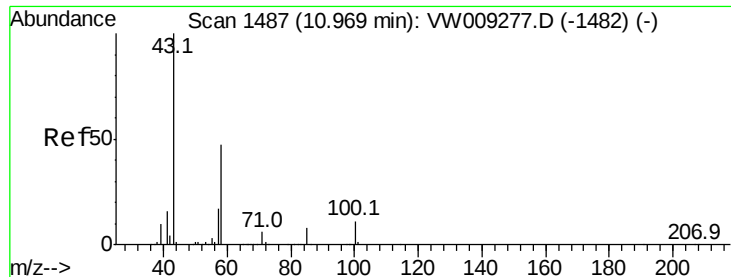
Tgt Ion: 43 Resp: 3450

Ion Ratio Lower Upper

43 100

58 32.8 0.0 56.2

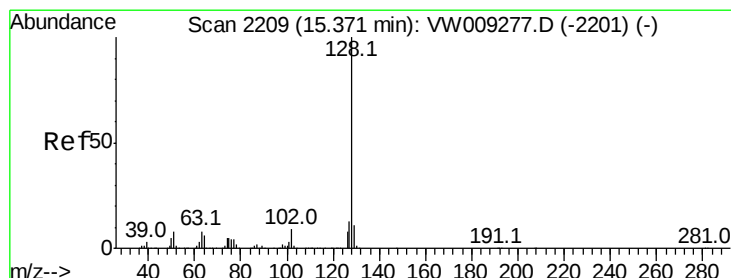
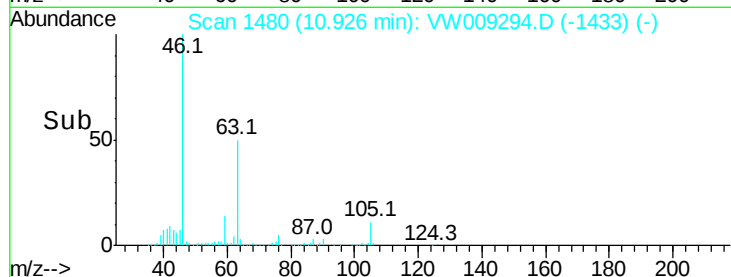
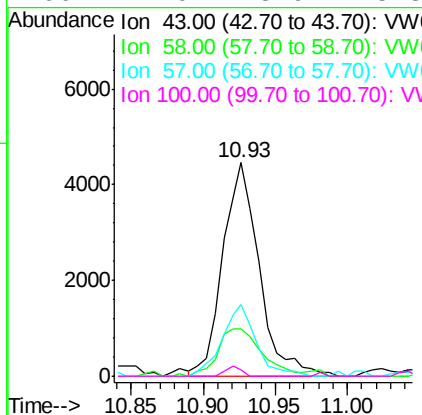
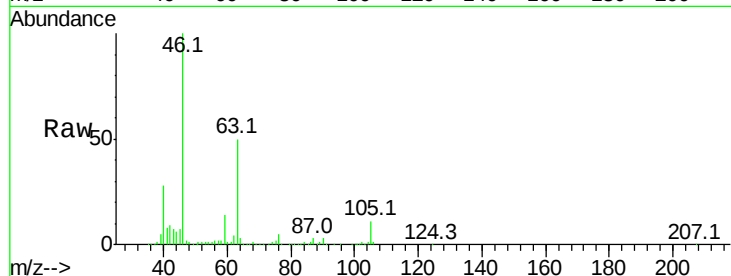




#49
2-Hexanone
Concen: 2.523 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 7899
Ion Ratio Lower Upper
43 100
58 26.9 39.2 58.8#
57 31.3 14.2 21.2#
100 2.0 8.9 13.3#



#69
Naphthalene
Concen: 4.605 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW009294.D
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Tgt Ion: 128 Resp: 61125
Ion Ratio Lower Upper
128 100
129 10.0 8.7 13.1
127 13.7 11.1 16.7

