

Data File : VW011003.D
Acq On : 26 Jun 2019 14:38
Operator : SY/VA
Sample : K3456-19
Misc : 4.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANY4

Quant Time: Jun 27 07:34:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	263349	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	231977	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98855	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70722	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	2.88	69	52648	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
10) 1,1-Dichloroethene-d2	4.02	63	121979	15.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.48%
20) 2-Butanone-d5	7.07	46	93636	58.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.82%
24) Chloroform-d	7.65	84	159572	22.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.88%
26) 1,2-Dichloroethane-d4	8.31	65	112371	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
29) Benzene-d6	8.27	84	322799	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
33) 1,2-Dichloropropane-d6	9.27	67	112421	24.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.72%
37) Toluene-d8	10.32	98	281092	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.48%
38) trans-1,3-Dichloropropene-	10.58	79	43399	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.24%
39) 2-Hexanone-d5	10.93	63	61989	59.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104750	27.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	92449	24.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.08%

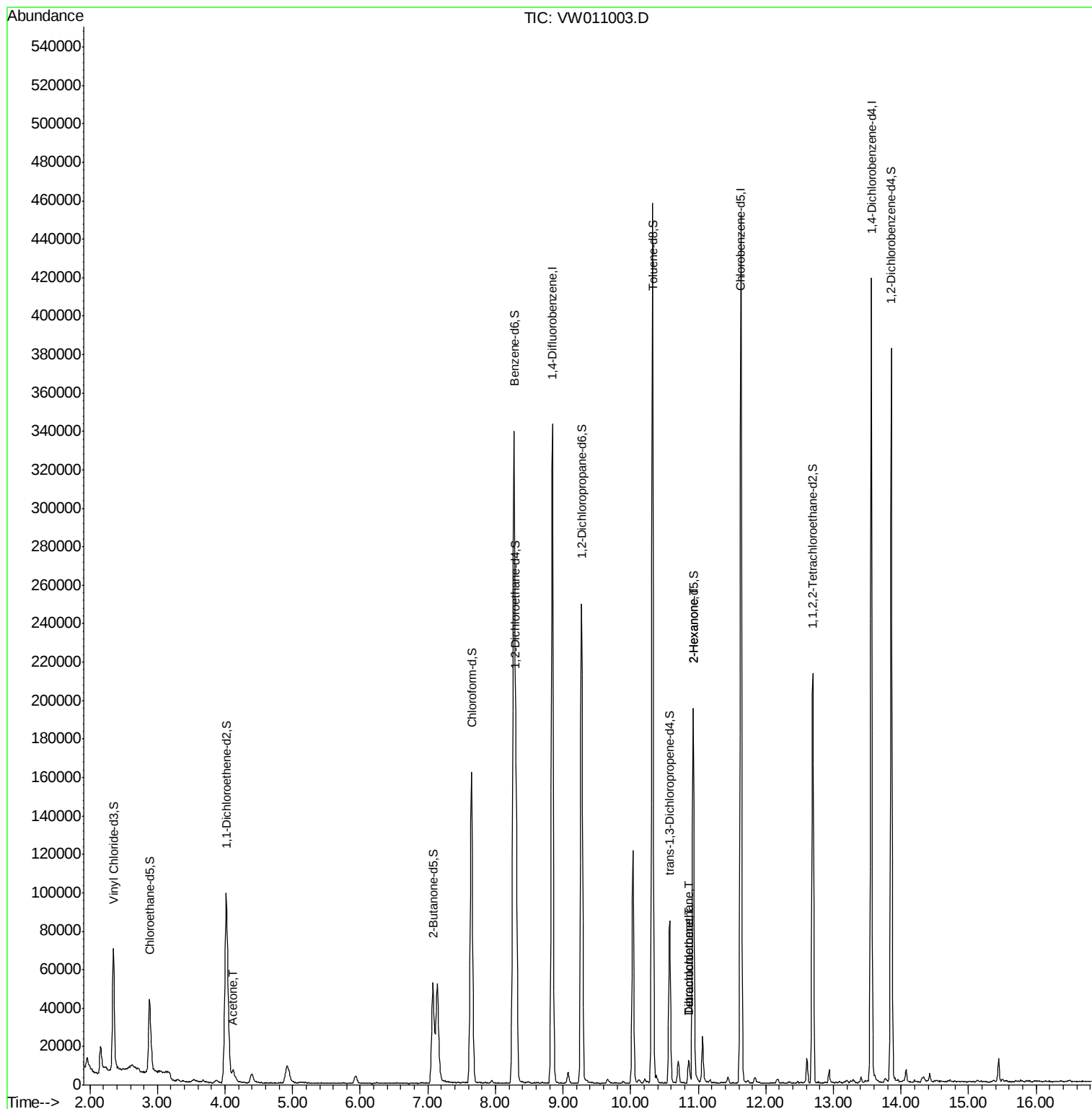
Target Compounds					Qvalue
13) Acetone	4.12	43	10106	6.583 ug/L	93
47) Tetrachloroethene	10.87	164	2430	0.829 ug/L	92
49) 2-Hexanone	10.93	43	9923	3.582 ug/L #	69
50) Dibromochloromethane	10.87	129	2506	0.791 ug/L #	12

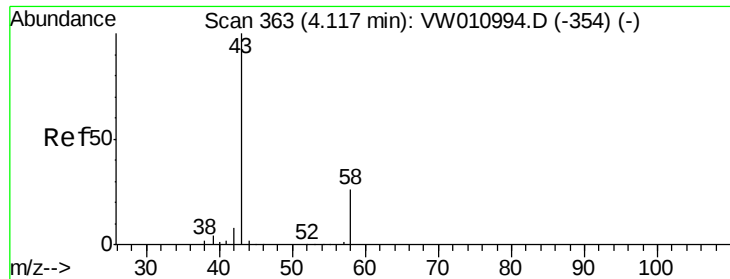
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW011003.D
Acq On : 26 Jun 2019 14:38
Operator : SY/VA
Sample : K3456-19
Misc : 4.34G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANY4

Quant Time: Jun 27 07:34:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.583 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011003.D

Acq: 26 Jun 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

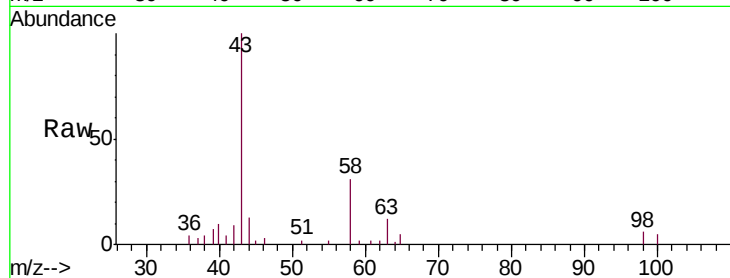
YANY4

Tgt Ion: 43 Resp: 10106

Ion Ratio Lower Upper

43 100

58 30.1 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

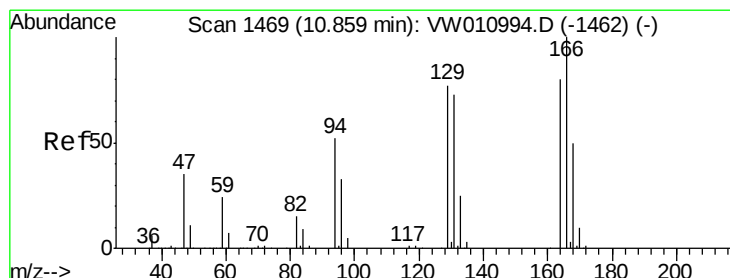
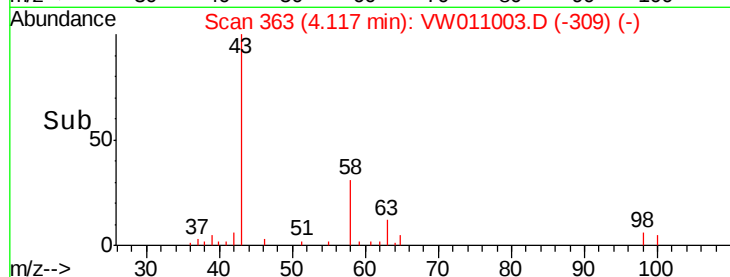
3000

2000

1000

0

Time--> 4.00 4.05 4.10 4.15 4.20



#47

Tetrachloroethene

Concen: 0.829 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW011003.D

Acq: 26 Jun 2019 14:38

Tgt Ion: 164 Resp: 2430

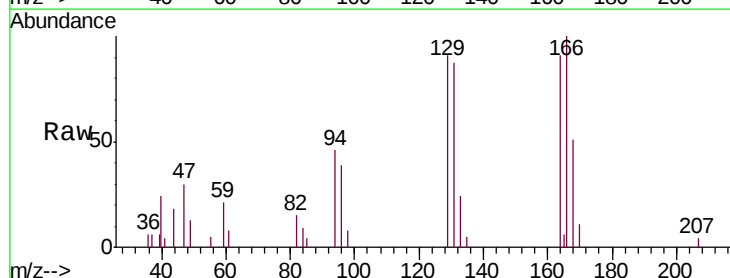
Ion Ratio Lower Upper

164 100

129 100.4 69.6 129.2

131 96.2 66.8 124.0

166 110.0 91.2 169.4



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

3000

2500

2000

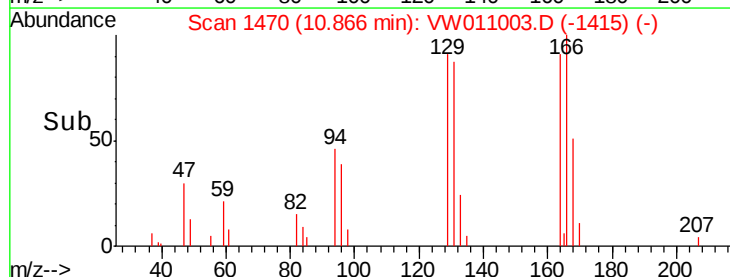
1500

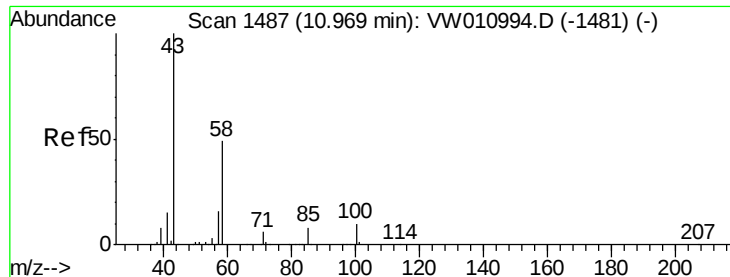
1000

500

0

Time--> 10.80 10.85 10.90

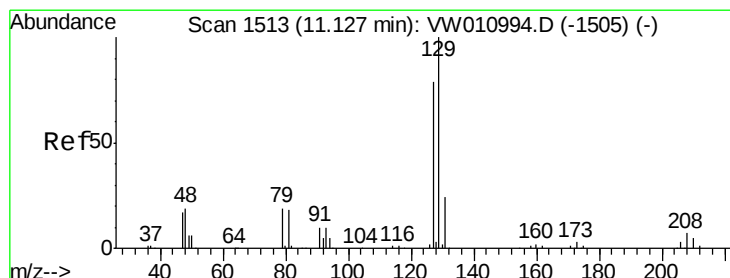
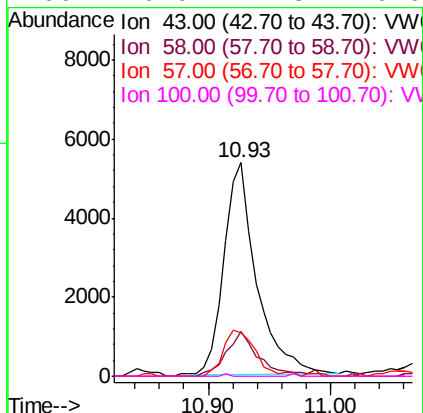
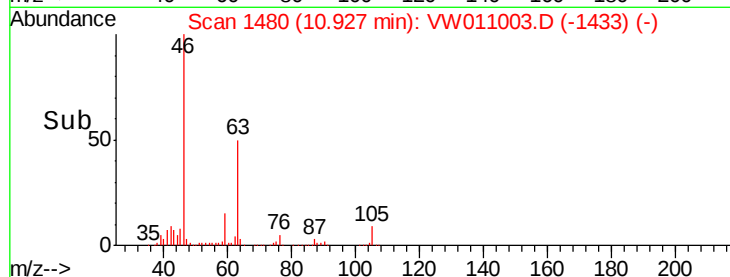
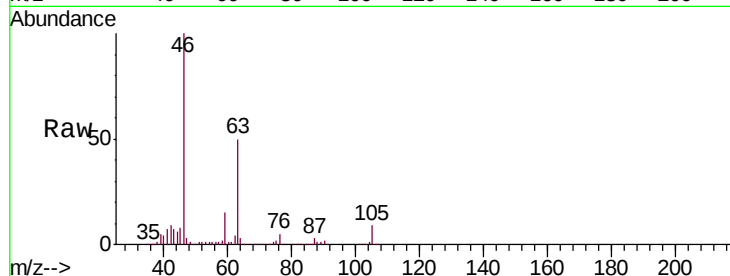




#49
2-Hexanone
Concen: 3.582 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW011003.D
Acq: 26 Jun 2019 14:38

Instrument :
MSVOA_W
ClientSampled :
YANY4

Tgt Ion: 43 Resp: 9923
Ion Ratio Lower Upper
43 100
58 20.9 38.3 57.5#
57 20.7 13.8 20.8
100 0.0 7.3 10.9#



#50
Dibromochloromethane
Concen: 0.791 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW011003.D
Acq: 26 Jun 2019 14:38

Tgt Ion: 129 Resp: 2506
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#

