

Data File : VW011124.D
Acq On : 02 Jul 2019 23:28
Operator : SY/VA
Sample : K3599-22
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAM29

Quant Time: Jul 03 05:55:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 05:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	243909	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	102412	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	67417	18.10	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.40%
7) Chloroethane-d5	2.89	69	51454	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
10) 1,1-Dichloroethene-d2	4.01	63	120280	15.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.00%
20) 2-Butanone-d5	7.08	46	73998	50.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.88%
24) Chloroform-d	7.65	84	150784	22.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	8.31	65	100382	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.52%
29) Benzene-d6	8.27	84	306197	21.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.88%
33) 1,2-Dichloropropane-d6	9.27	67	106491	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.80%
37) Toluene-d8	10.32	98	272334	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.72%
38) trans-1,3-Dichloropropene-	10.58	79	37647	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.92	63	45905	43.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87989	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	94847	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

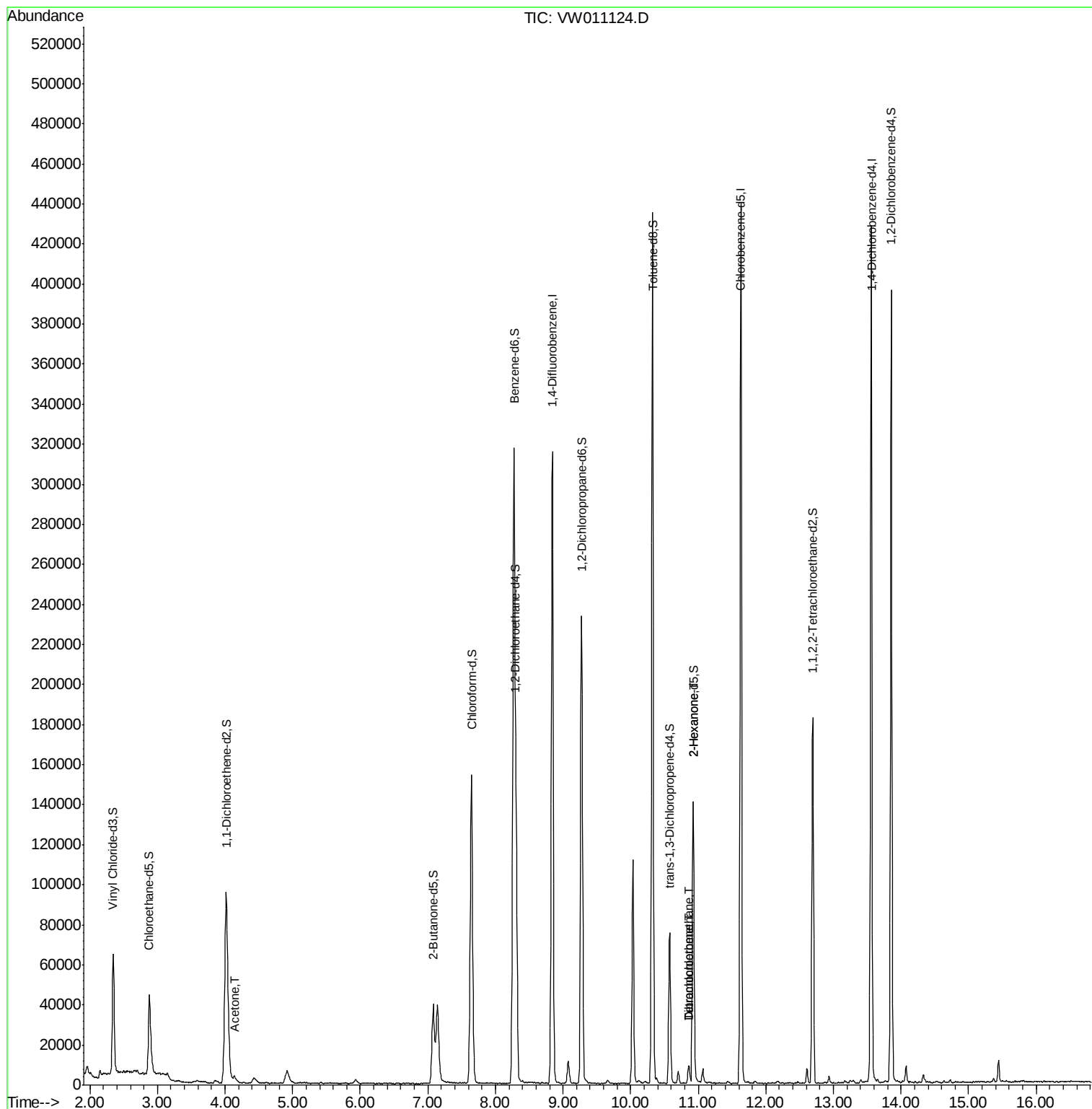
Target Compounds					Qvalue
13) Acetone	4.14	43	3374	2.355 ug/L	77
47) Tetrachloroethene	10.87	164	1882	0.690 ug/L	94
49) 2-Hexanone	10.93	43	6980	2.640 ug/L #	66
50) Dibromochloromethane	10.86	129	1780	0.616 ug/L #	11

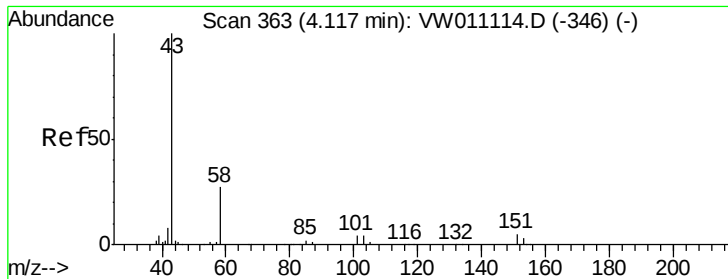
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.355 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampled :

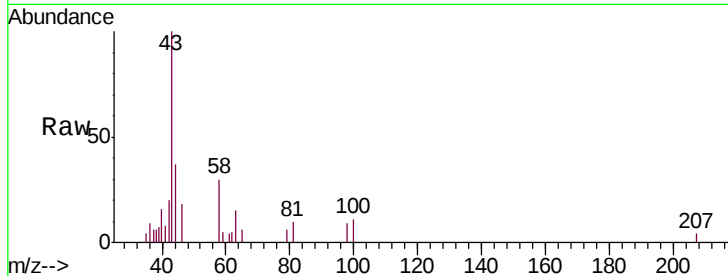
GAM29

Tgt Ion: 43 Resp: 3374

Ion Ratio Lower Upper

43 100

58 15.2 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

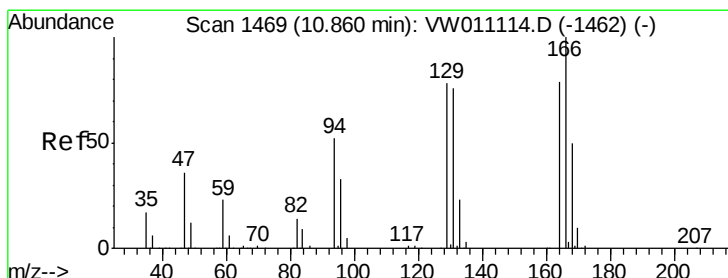
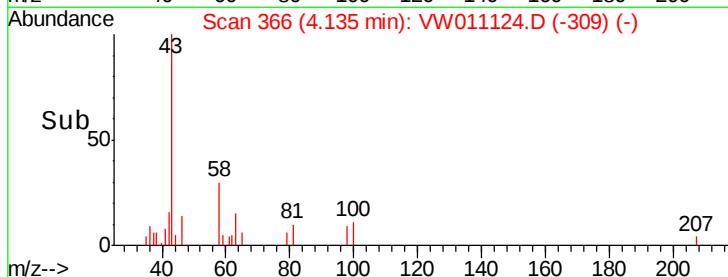
1500

1000

500

0

Time-->



#47

Tetrachloroethene

Concen: 0.690 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW011124.D

Acq: 02 Jul 2019 23:28

Tgt Ion: 164 Resp: 1882

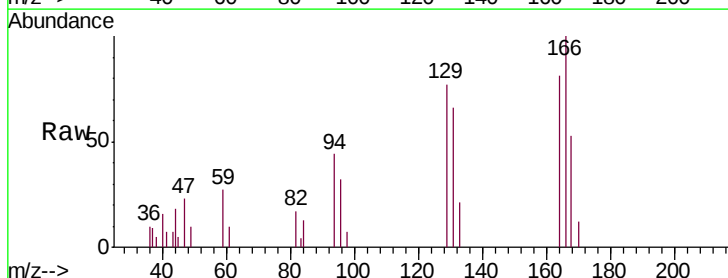
Ion Ratio Lower Upper

164 100

129 94.5 68.5 127.1

131 80.7 64.8 120.4

166 123.2 87.9 163.3



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

2000

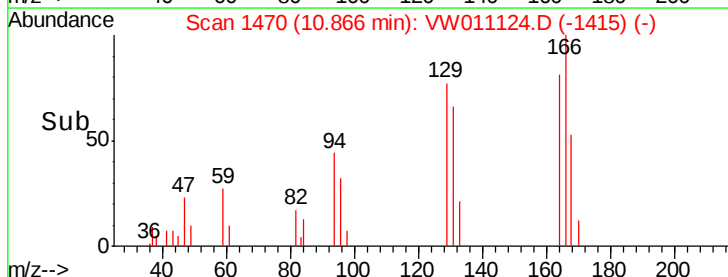
1500

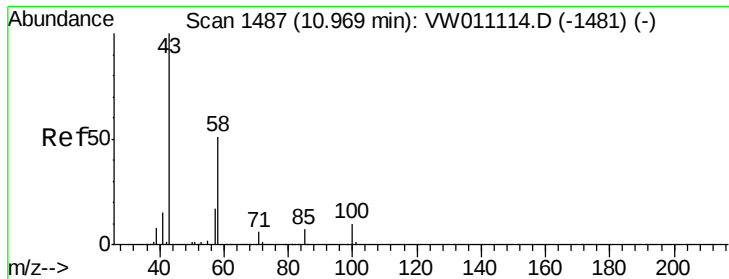
1000

500

0

Time-->





#49

2-Hexanone

Concen: 2.640 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW011124.D

Acq: 02 Jul 2019 23:28

Instrument :

MSVOA_W

ClientSampled :

GAM29

Tgt Ion: 43 Resp: 6980

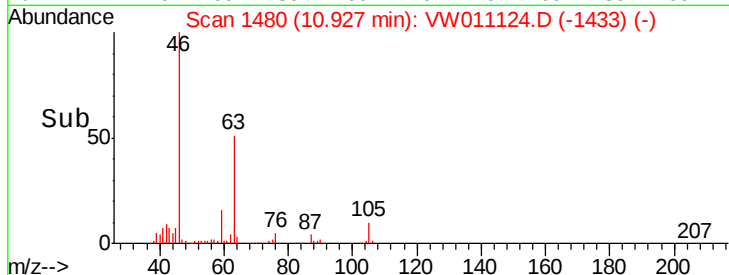
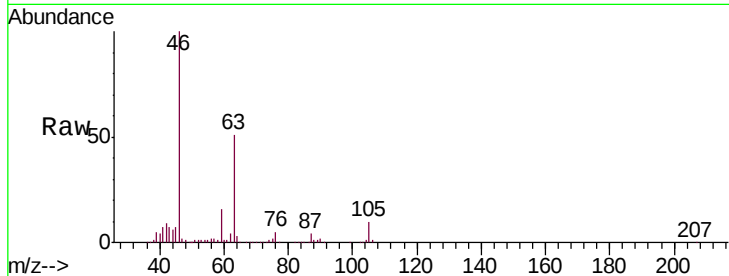
Ion Ratio Lower Upper

43 100

58 20.6 38.4 57.6#

57 24.6 13.3 19.9#

100 0.0 7.3 10.9#

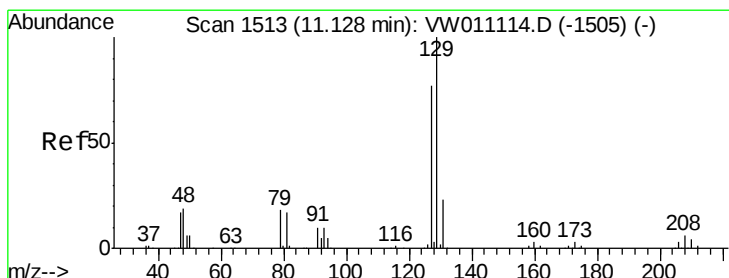
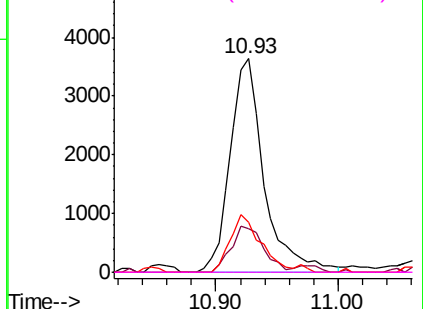


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 0.616 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

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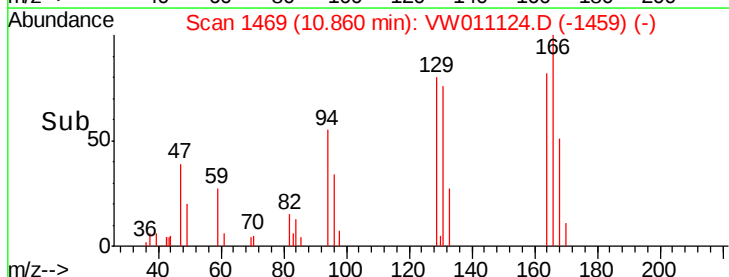
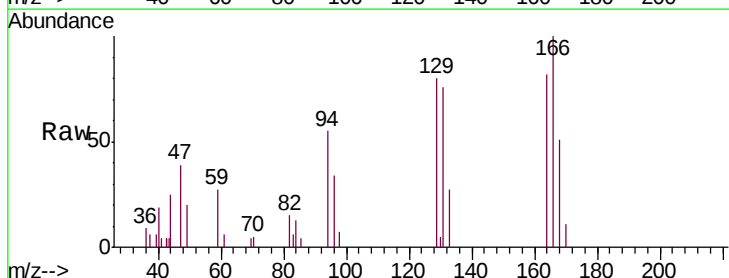
Acq: 02 Jul 2019 23:28

Tgt Ion: 129 Resp: 1780

Ion Ratio Lower Upper

129 100

127 0.0 53.3 99.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

