

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
 Data File : VW014153.D
 Acq On : 27 Nov 2019 12:38
 Operator : SY/VA
 Sample : K6063-12
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 28 07:26:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 07:23:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	222579	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	136707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25258	25.00	ug/L	0.00

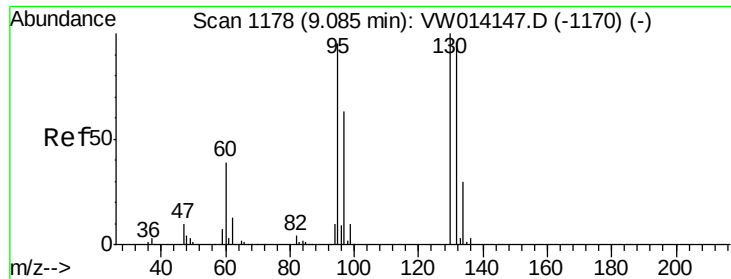
System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69343	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.12%
7) Chloroethane-d5	2.88	69	72417	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.60%
10) 1,1-Dichloroethene-d2	4.01	63	108031	14.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.28%
20) 2-Butanone-d5	7.07	46	87819	85.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.24%#
24) Chloroform-d	7.65	84	207920	30.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.52%
26) 1,2-Dichloroethane-d4	8.30	65	111119	32.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.20%
29) Benzene-d6	8.27	84	398895	41.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	164.48%#
33) 1,2-Dichloropropane-d6	9.27	67	134607	47.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	189.48%#
37) Toluene-d8	10.32	98	273868	29.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.08%
38) trans-1,3-Dichloropropene-	10.57	79	28475	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.60%
39) 2-Hexanone-d5	10.92	63	54073	100.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	200.72%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111178	51.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	207.28%#
61) 1,2-Dichlorobenzene-d4	13.85	152	40182	39.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	158.40%#

Target Compounds

					Ovalue
35) Trichloroethene	8.84	95	6049	2.261 ug/L #	2
42) cis-1,3-Dichloropropene	10.03	75	2246	0.590 ug/L #	57
49) 2-Hexanone	10.93	43	7418	6.456 ug/L #	58

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



#35

Trichloroethene

Concen: 2.261 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

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MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 6049

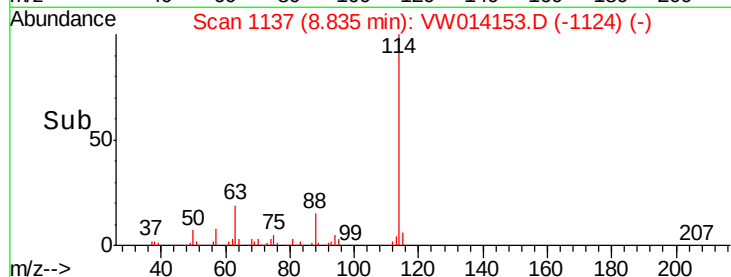
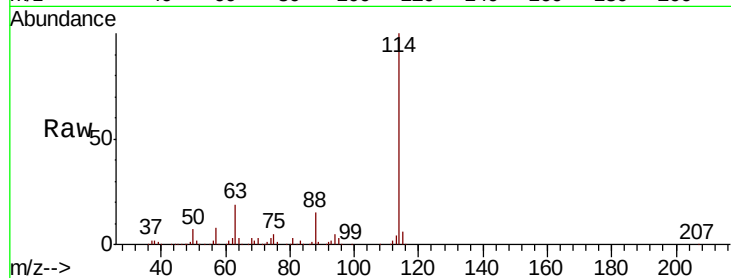
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

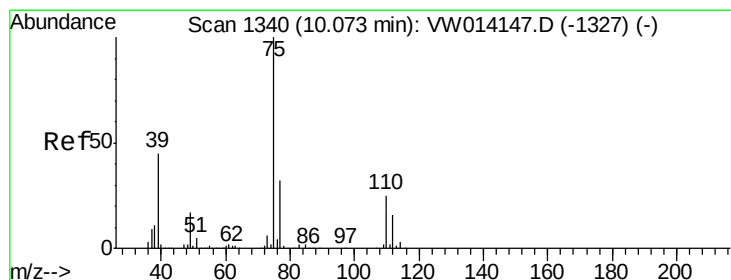
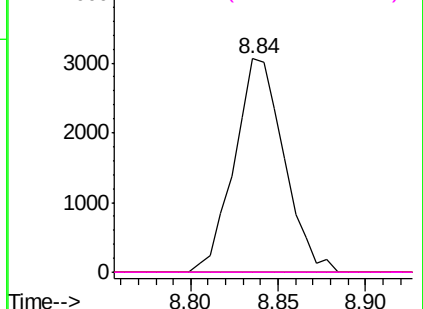


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.590 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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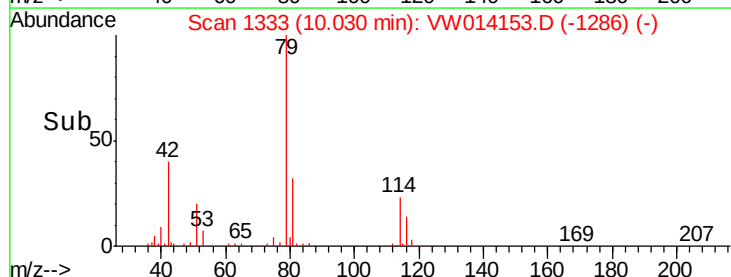
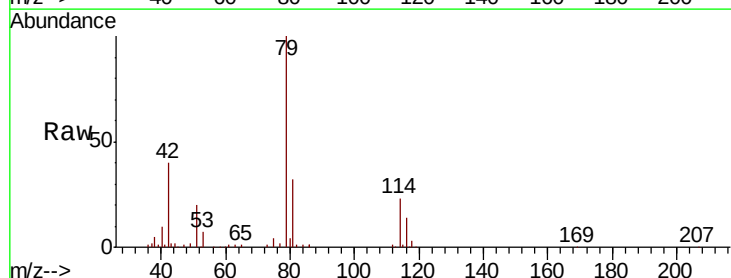
Acq: 27 Nov 2019 12:38

Tgt Ion: 75 Resp: 2246

Ion Ratio Lower Upper

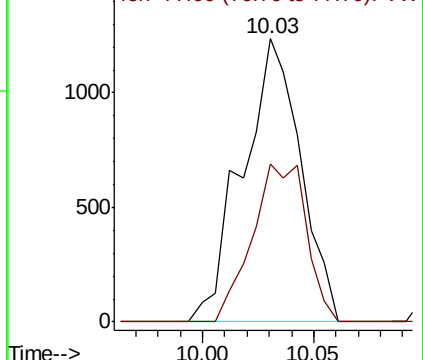
75 100

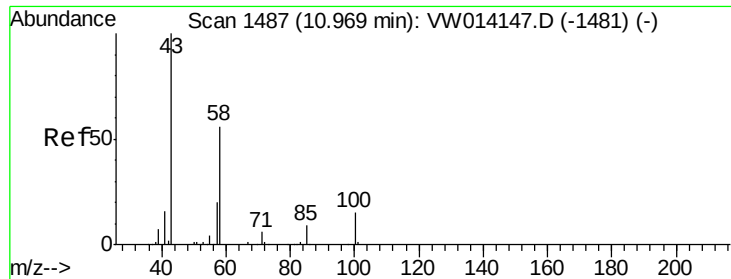
77 55.6 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 6.456 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

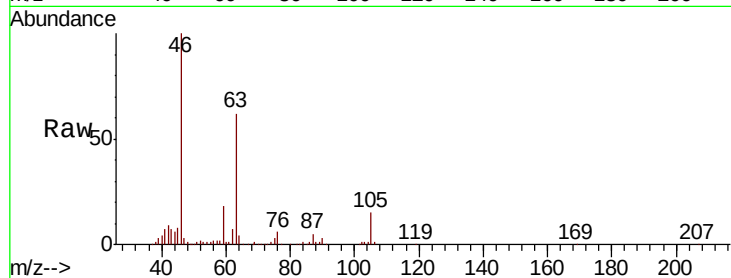
Lab File: VW014153.D

Acq: 27 Nov 2019 12:38

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 7418

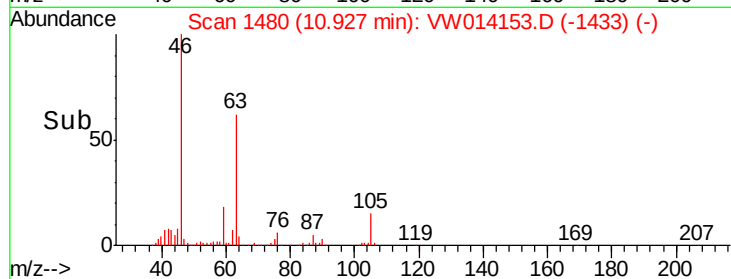
Ion Ratio Lower Upper

43 100

58 23.6 44.4 66.6#

57 0.0 16.5 24.7#

100 0.6 11.1 16.7#



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

