

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014938.D
 Acq On : 10 Feb 2020 13:15
 Operator : SY/VA
 Sample : L1415-14
 Misc : 5.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:33:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	750953	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	703553	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	260644	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	226807	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
7) Chloroethane-d5	2.89	69	228618	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
10) 1,1-Dichloroethene-d2	4.02	63	374994	16.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.04%
20) 2-Butanone-d5	7.07	46	154823	44.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.74%
24) Chloroform-d	7.65	84	552486	25.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	8.54	65	147	0.01	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1069345	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	381550	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.52%
37) Toluene-d8	10.32	98	893333	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.76%
38) trans-1,3-Dichloropropene-	10.57	79	117889	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.00%
39) 2-Hexanone-d5	10.92	63	103868	38.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	247570	22.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	262564	25.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.92%

Target Compounds

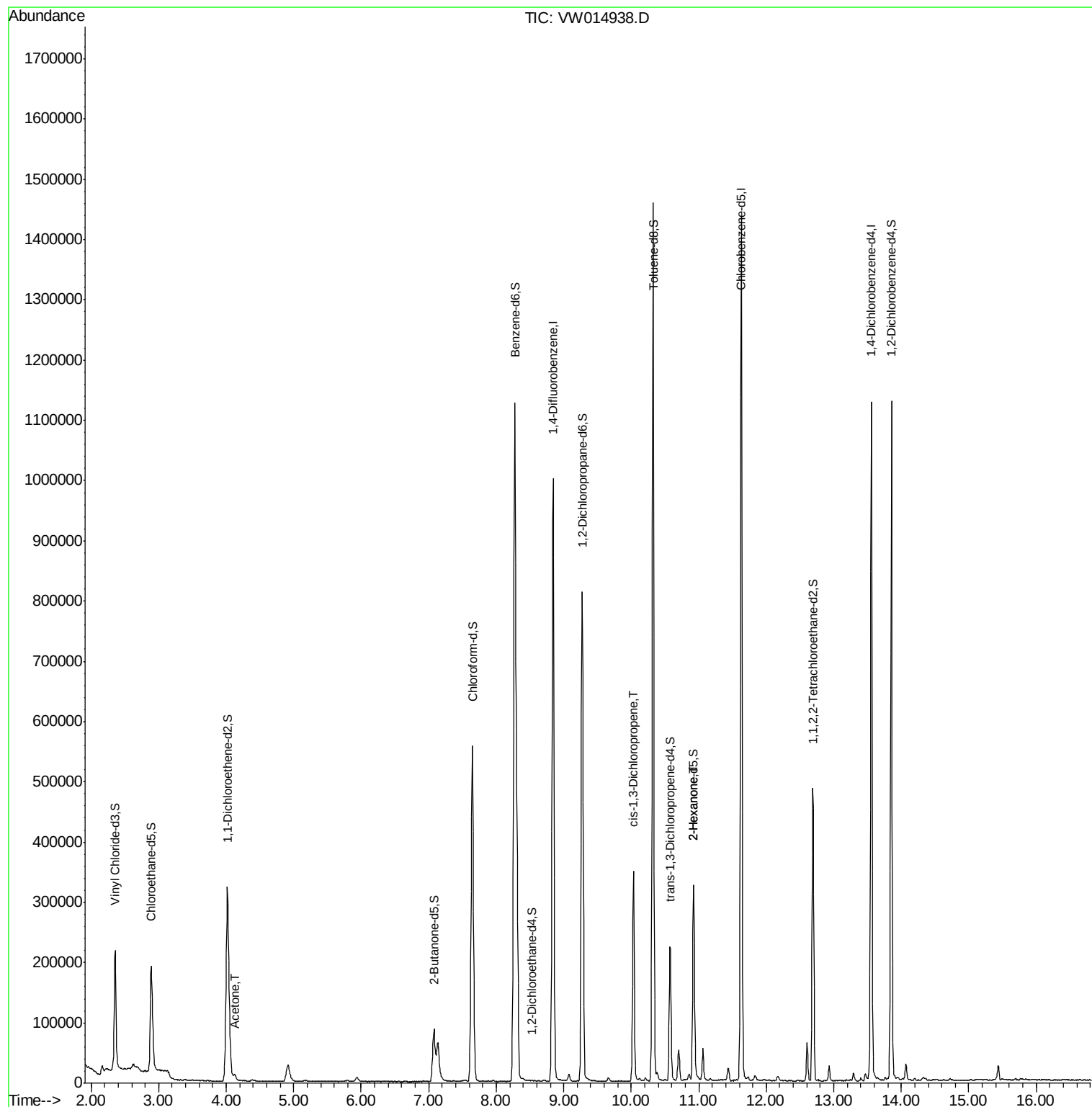
					Ovalue
13) Acetone	4.12	43	16999	4.720 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	8545	0.465 ug/L #	72
49) 2-Hexanone	10.92	43	15706	2.634 ug/L #	70

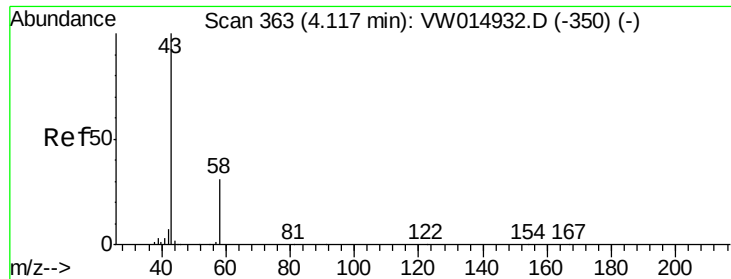
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.720 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014938.D

Acq: 10 Feb 2020 13:15

Instrument :

MSVOA_W

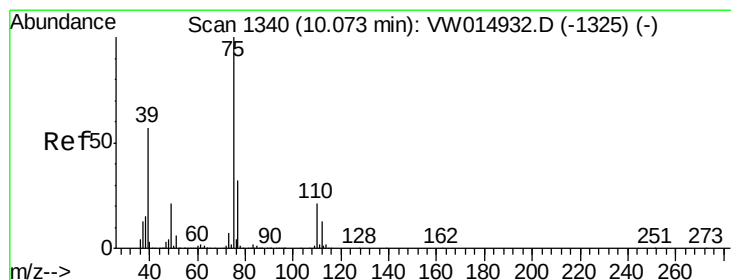
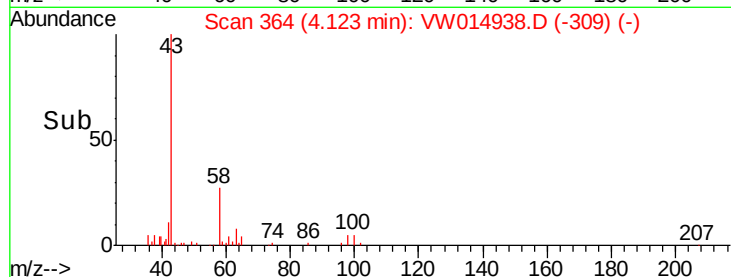
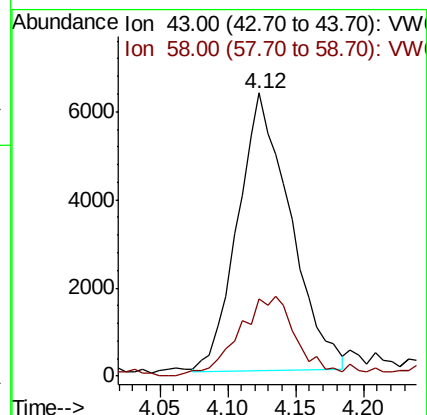
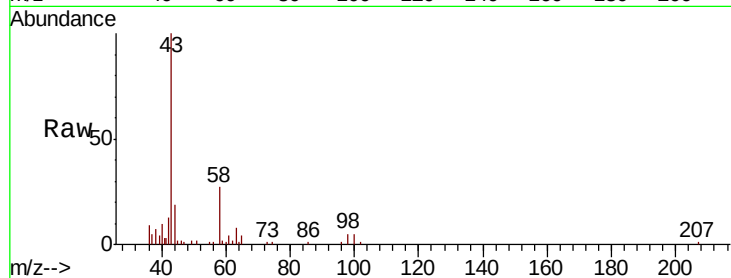
ClientSampleId :

Tot Ion: 43 Resp: 16999

Ion Ratio Lower Upper

43 100

58 31.2 0.0 60.4



#42

cis-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014938.D

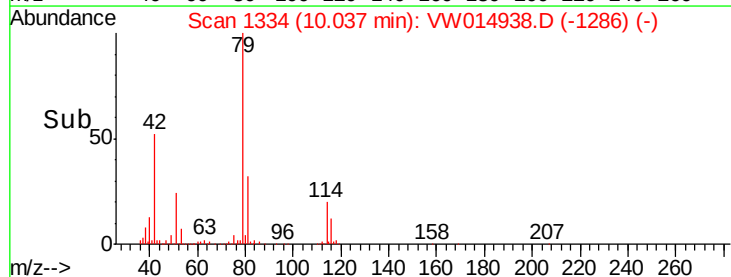
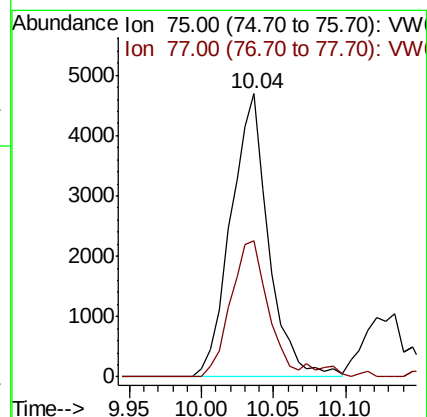
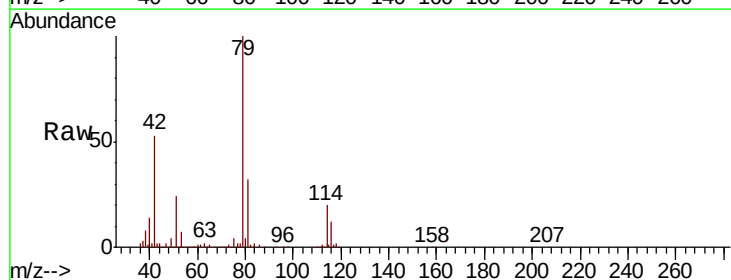
Acq: 10 Feb 2020 13:15

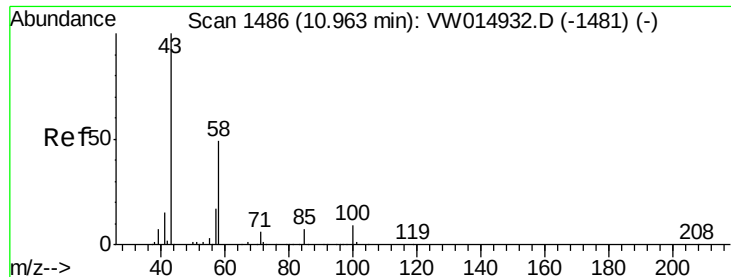
Tgt Ion: 75 Resp: 8545

Ion Ratio Lower Upper

75 100

77 48.0 22.5 41.9#





#49

2-Hexanone

Concen: 2.634 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

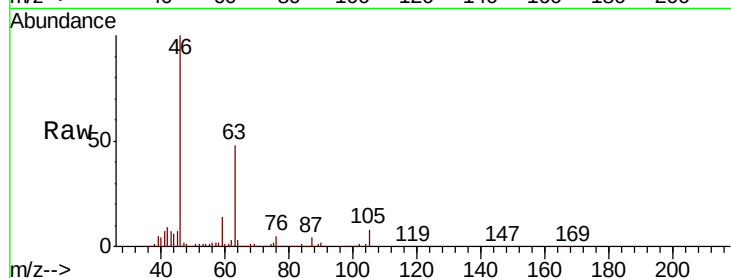
Lab File: VW014938.D

Acq: 10 Feb 2020 13:15

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion: 43 Resp: 15706

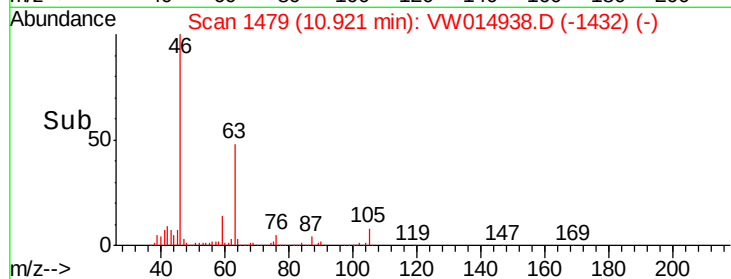
Ion Ratio Lower Upper

43 100

58 30.8 42.2 63.2#

57 33.5 14.5 21.7#

100 3.2 8.6 12.8#



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

