

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014939.D
 Acq On : 10 Feb 2020 13:41
 Operator : SY/VA
 Sample : L1415-15
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:33:59 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	766038	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	700709	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	247813	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	231696	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.08%
7) Chloroethane-d5	2.89	69	232204	22.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.48%
10) 1,1-Dichloroethene-d2	4.01	63	385122	16.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.48%
20) 2-Butanone-d5	7.07	46	153884	43.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.48%
24) Chloroform-d	7.65	84	572742	26.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	8.50	65	197	0.02	ug/L	0.20
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1113008	24.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.80%
33) 1,2-Dichloropropane-d6	9.27	67	392782	26.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.00%
37) Toluene-d8	10.32	98	924329	23.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.24%
38) trans-1,3-Dichloropropene-	10.58	79	121794	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.04%
39) 2-Hexanone-d5	10.93	63	103480	38.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	246870	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	245004	25.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.00%

Target Compounds

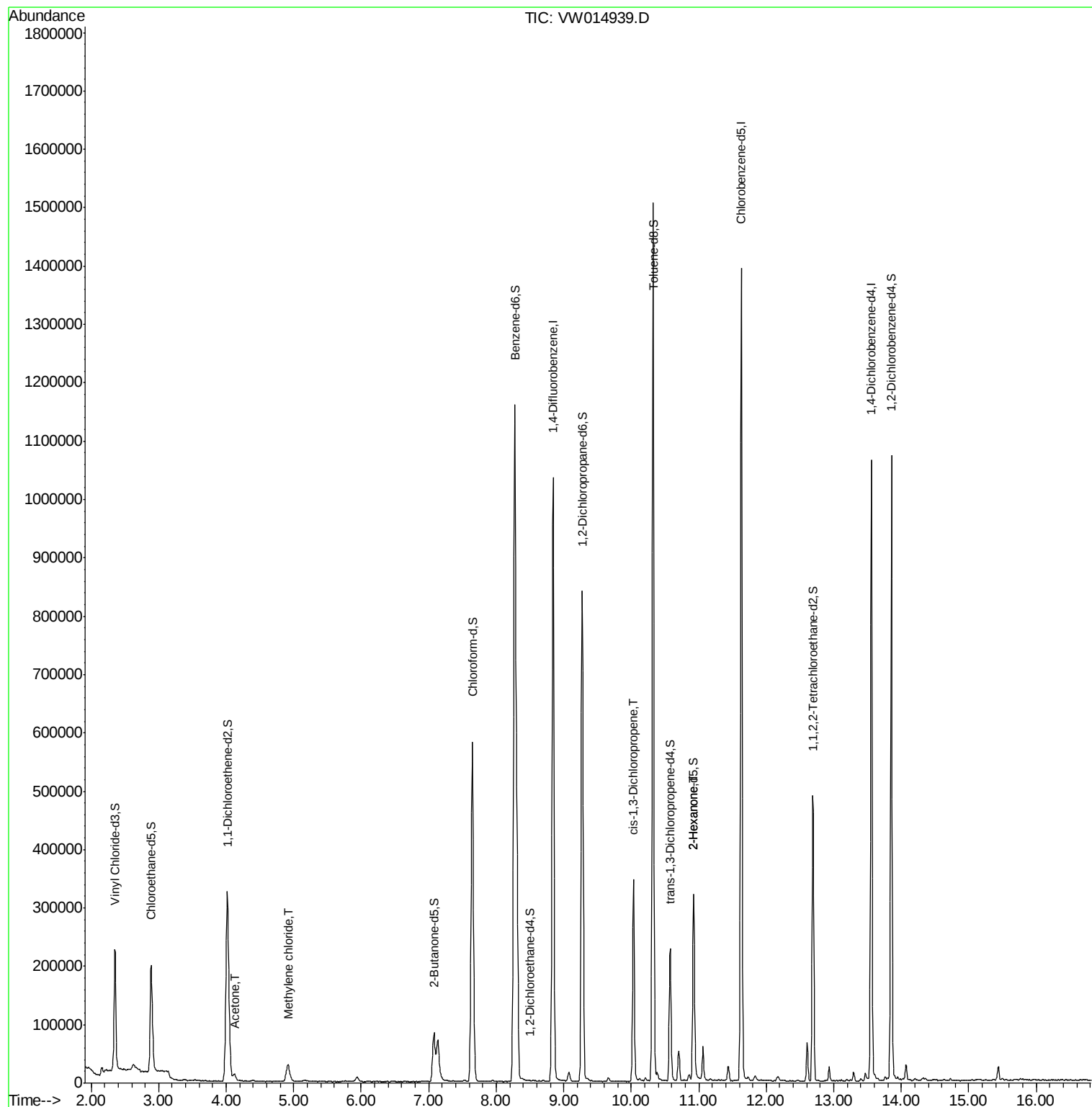
					Ovalue
13) Acetone	4.12	43	19525	5.315 ug/L	98
16) Methylene chloride	4.91	84	21937	1.572 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	8804	0.481 ug/L #	70
49) 2-Hexanone	10.93	43	17323	2.917 ug/L #	65

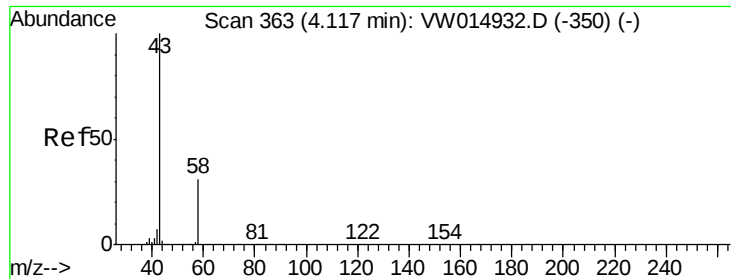
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.315 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014939.D

Acq: 10 Feb 2020 13:41

Instrument :

MSVOA_W

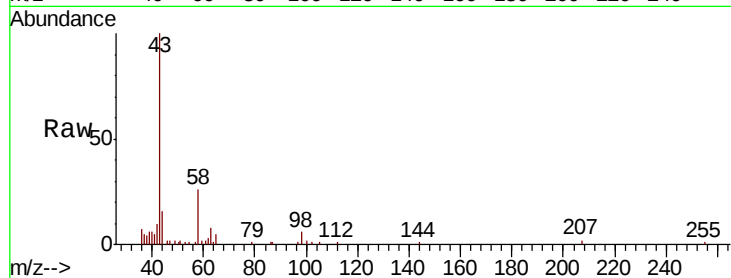
ClientSampled :

Tot Ion: 43 Resp: 19525

Ion Ratio Lower Upper

43 100

58 29.3 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

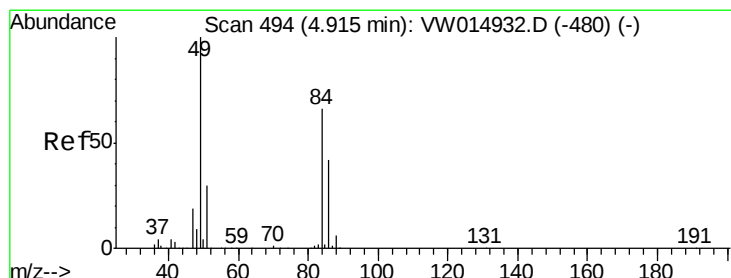
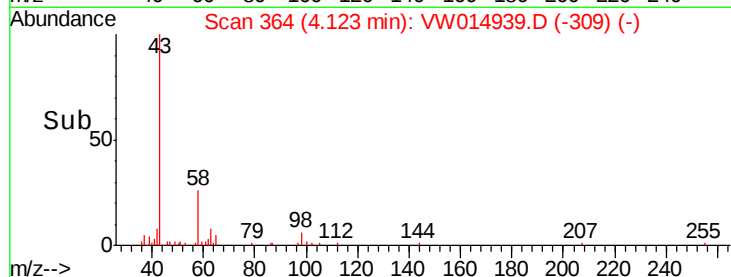
6000

4000

2000

0

Time--> 4.00 4.10 4.20



#16

Methylene chloride

Concen: 1.572 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW014939.D

Acq: 10 Feb 2020 13:41

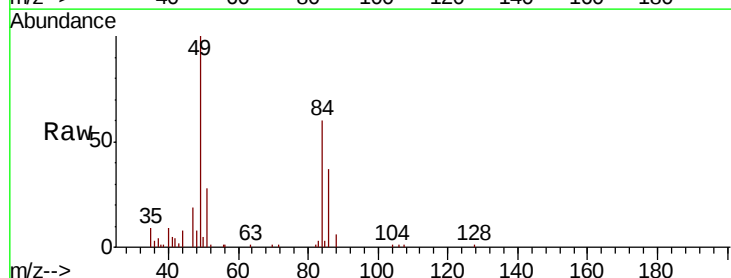
Tgt Ion: 84 Resp: 21937

Ion Ratio Lower Upper

84 100

49 167.8 95.8 177.8

86 61.3 44.2 82.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

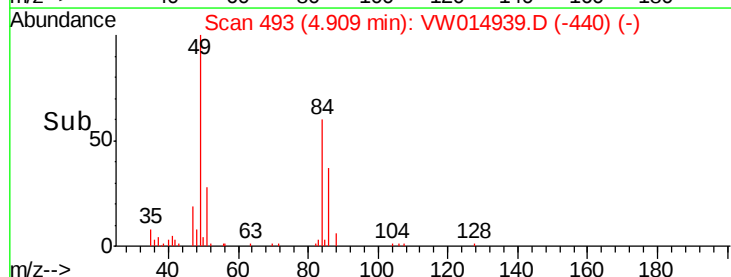
4.91

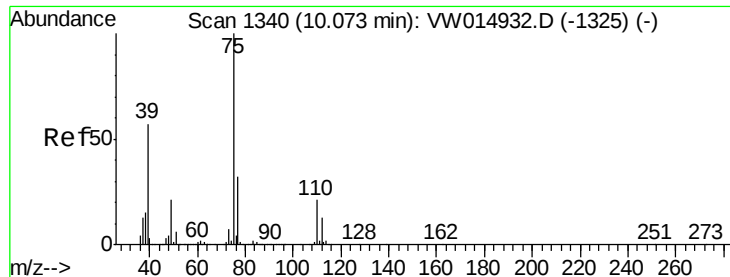
10000

5000

0

Time--> 4.80 4.90 5.00





#42

cis-1,3-Dichloropropene

Concen: 0.481 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW014939.D

Acq: 10 Feb 2020 13:41

Instrument :

MSVOA_W

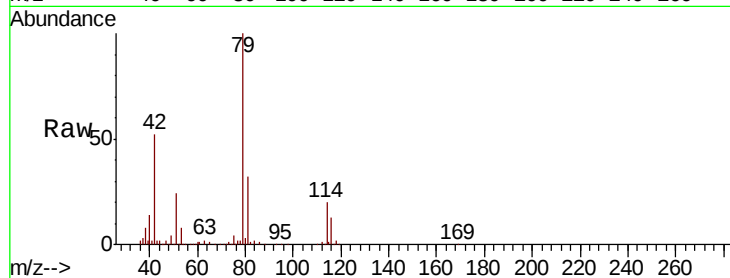
ClientSampled :

Tot Ion: 75 Resp: 8804

Ion Ratio Lower Upper

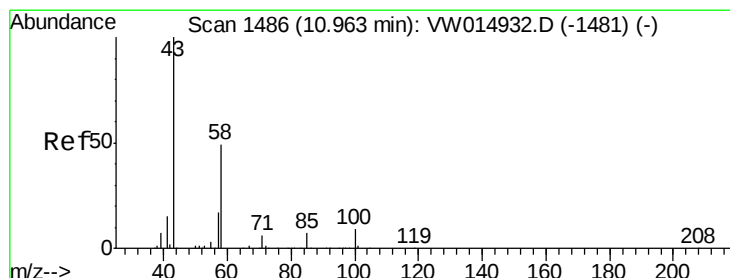
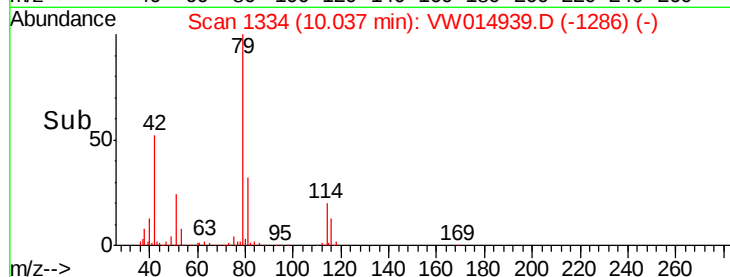
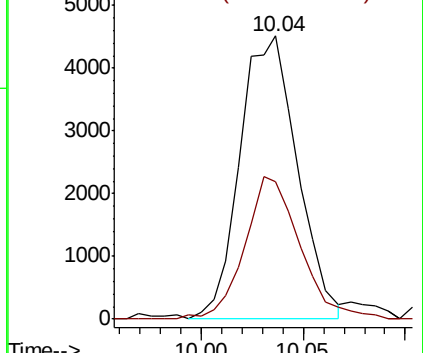
75 100

77 48.7 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 2.917 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014939.D

Acq: 10 Feb 2020 13:41

Tgt Ion: 43 Resp: 17323

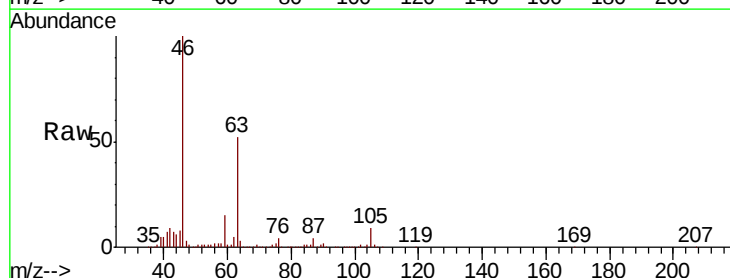
Ion Ratio Lower Upper

43 100

58 23.3 42.2 63.2#

57 29.7 14.5 21.7#

100 3.1 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

