

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014294.D
 Acq On : 10 Dec 2019 20:40
 Operator : SY/VA
 Sample : K6172-19
 Misc : 4.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 04:12:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 11 04:05:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1028992	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	778345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186860	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	390700	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.28%
7) Chloroethane-d5	2.89	69	311040	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.40%
10) 1,1-Dichloroethene-d2	4.01	63	498614	18.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.48%
20) 2-Butanone-d5	7.07	46	198030	48.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.54%
24) Chloroform-d	7.65	84	727689	27.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.12%
26) 1,2-Dichloroethane-d4	8.31	65	367216	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.92%
29) Benzene-d6	8.27	84	1488671	32.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.52%
33) 1,2-Dichloropropane-d6	9.27	67	482426	34.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.48%#
37) Toluene-d8	10.32	98	1197651	29.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.12%
38) trans-1,3-Dichloropropene-	10.57	79	130162	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.44%
39) 2-Hexanone-d5	10.92	63	142908	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	325242	28.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	261586	36.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	146.52%#

Target Compounds

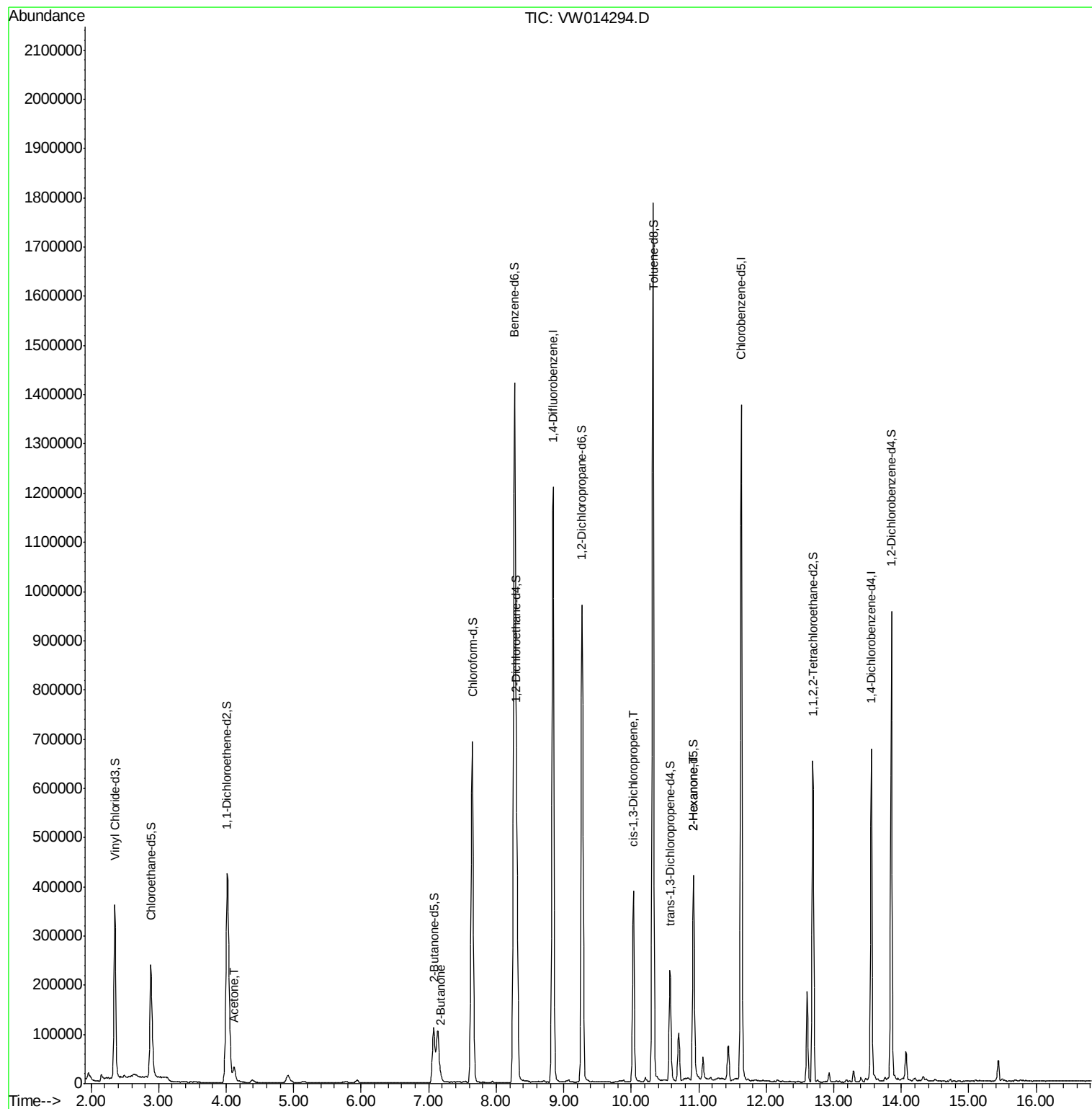
					Ovalue
13) Acetone	4.12	43	48363	12.354 ug/L	69
21) 2-Butanone	7.18	43	20345	3.871 ug/L	79
42) cis-1,3-Dichloropropene	10.03	75	8601	0.454 ug/L #	82
49) 2-Hexanone	10.93	43	19319	3.250 ug/L #	67

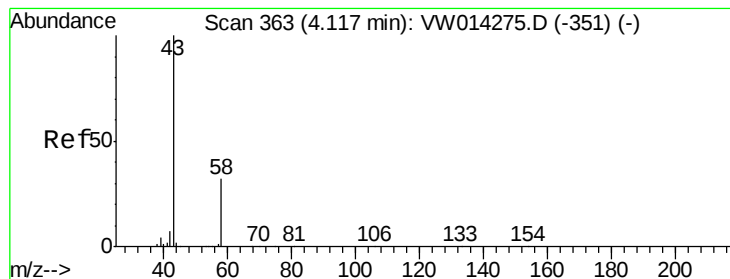
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 11 04:05:19 2019
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#13

Acetone

Concen: 12.354 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014294.D

Acq: 10 Dec 2019 20:40

Instrument :

MSVOA_W

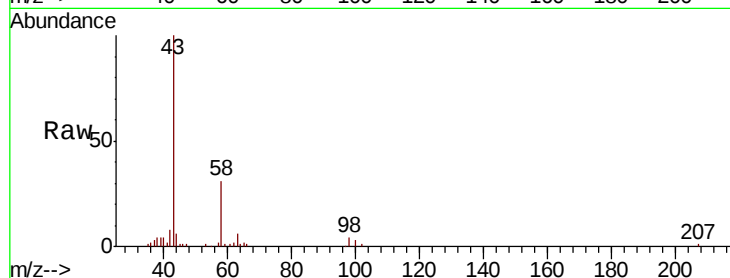
ClientSampleId :

Tot Ion: 43 Resp: 48363

Ion Ratio Lower Upper

43 100

58 15.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

20000

15000

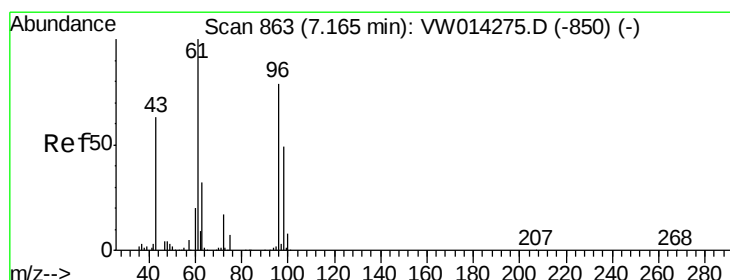
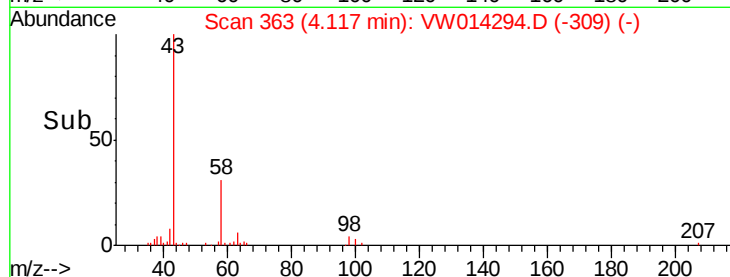
10000

5000

0

4.00 4.10 4.20

Time-->



#21

2-Butanone

Concen: 3.871 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW014294.D

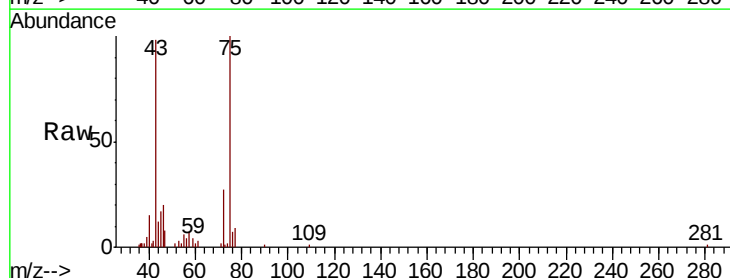
Acq: 10 Dec 2019 20:40

Tgt Ion: 43 Resp: 20345

Ion Ratio Lower Upper

43 100

72 16.9 14.1 42.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

6000

5000

4000

3000

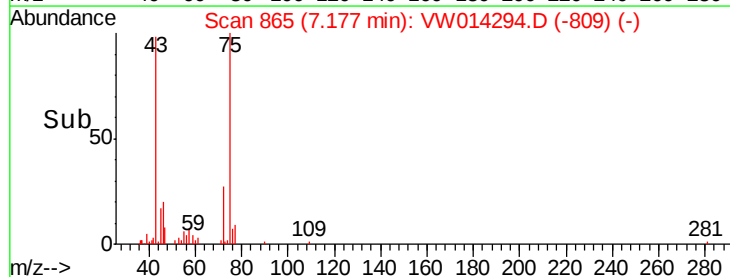
2000

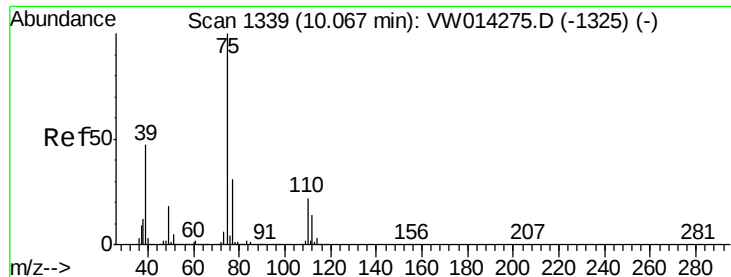
1000

0

7.10 7.20

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

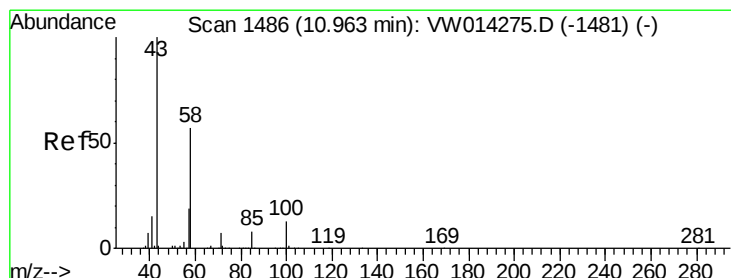
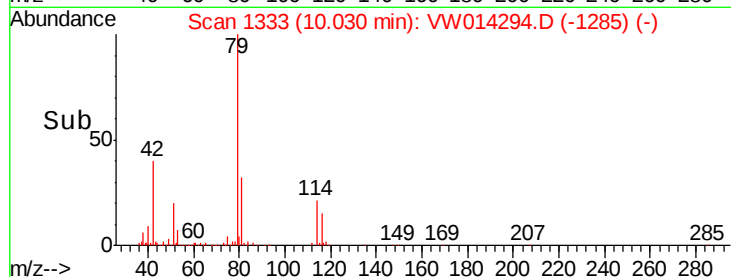
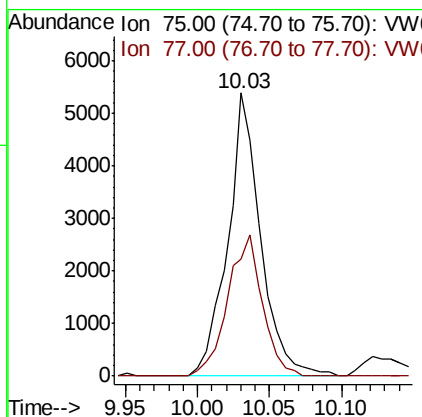
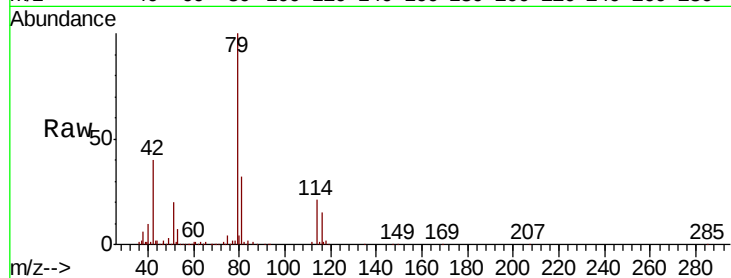
ClientSampleId :

Tot Ion: 75 Resp: 8601

Ion Ratio Lower Upper

75 100

77 41.4 22.1 41.1#



#49

2-Hexanone

Concen: 3.250 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014294.D

Acq: 10 Dec 2019 20:40

Tgt Ion: 43 Resp: 19319

Ion Ratio Lower Upper

43 100

58 25.1 44.4 66.6#

57 29.2 16.5 24.7#

100 5.0 11.1 16.7#

