

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
 Data File : VW015354.D
 Acq On : 27 Apr 2020 13:43
 Operator : SY/VA
 Sample : VW0427SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 28 06:30:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 06:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	337291	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316994	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	158877	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	78831	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.96%
7) Chloroethane-d5	2.89	69	73097	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.56%
10) 1,1-Dichloroethene-d2	4.02	63	108907	15.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.16%
20) 2-Butanone-d5	7.08	46	34445	42.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.86%
24) Chloroform-d	7.65	84	124367	20.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.68%
26) 1,2-Dichloroethane-d4	8.31	65	85746	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.84%
29) Benzene-d6	8.27	84	314967	22.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.04%
33) 1,2-Dichloropropane-d6	9.27	67	86672	22.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.04%
37) Toluene-d8	10.32	98	328871	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.84%
38) trans-1,3-Dichloropropene-	10.58	79	43051	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.28%
39) 2-Hexanone-d5	10.92	63	31040	42.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69676	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	121485	21.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.72%

Target Compounds

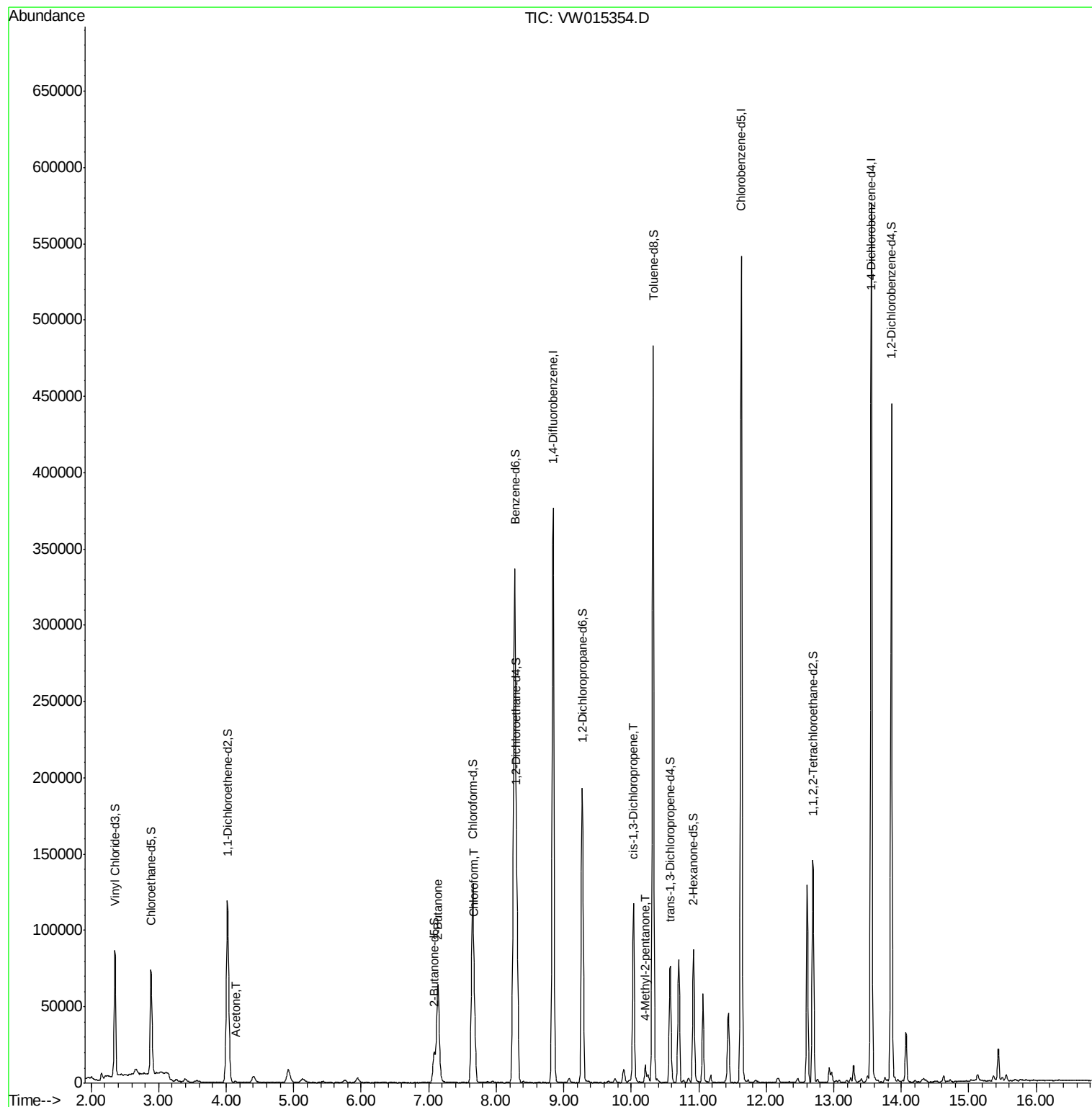
					Ovalue
13) Acetone	4.14	43	1824	2.544 ug/L	68
21) 2-Butanone	7.13	43	3558	3.578 ug/L #	63
25) Chloroform	7.68	83	33996	3.790 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	3611	0.559 ug/L #	69
43) 4-Methyl-2-pentanone	10.21	43	7792	3.918 ug/L	94

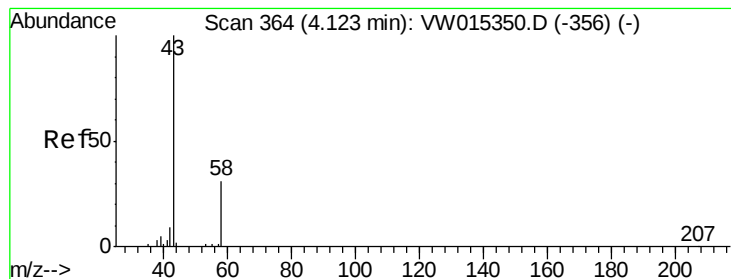
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.544 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015354.D

Acq: 27 Apr 2020 13:43

Instrument :

MSVOA_W

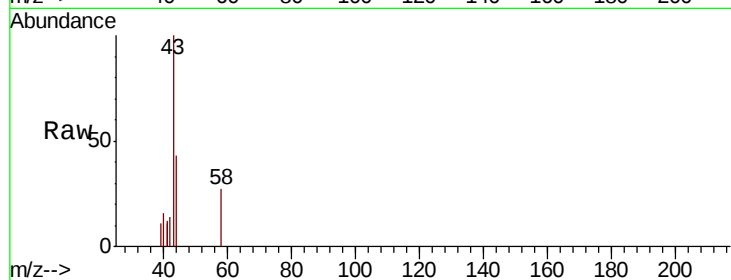
ClientSampled :

Tot Ion: 43 Resp: 1824

Ion Ratio Lower Upper

43 100

58 15.0 0.0 65.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

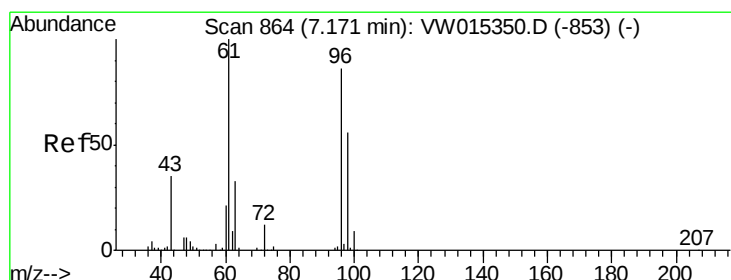
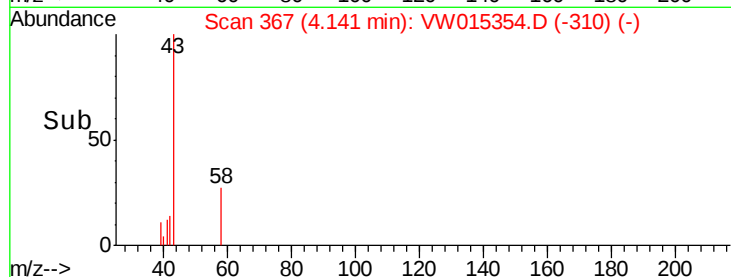
600

400

200

0

Time--> 4.05 4.10 4.15 4.20



#21

2-Butanone

Concen: 3.578 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW015354.D

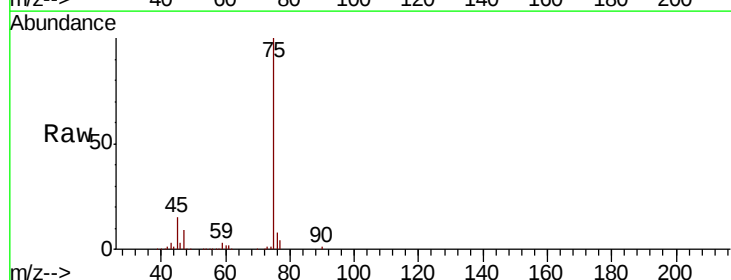
Acq: 27 Apr 2020 13:43

Tgt Ion: 43 Resp: 3558

Ion Ratio Lower Upper

43 100

72 11.9 16.6 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.13

1200

1000

800

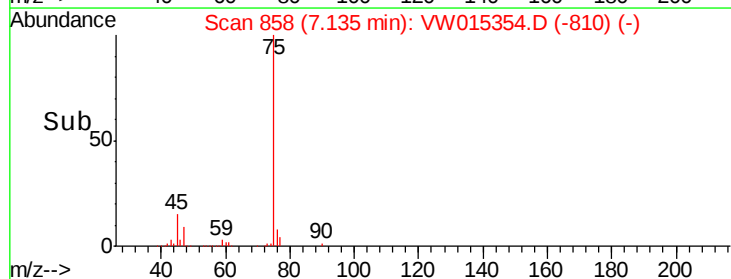
600

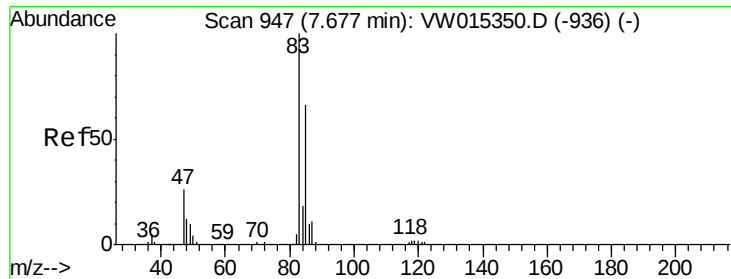
400

200

0

Time--> 7.00 7.10 7.20

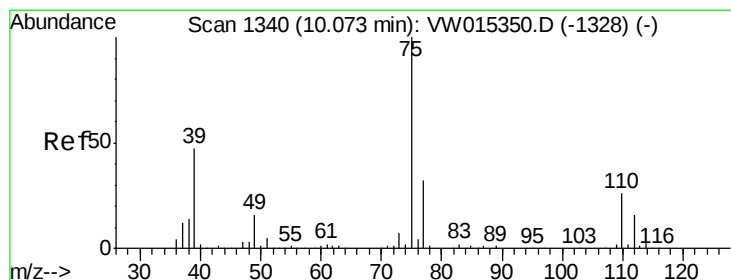
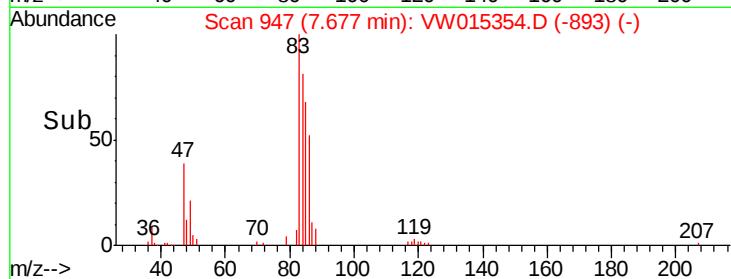
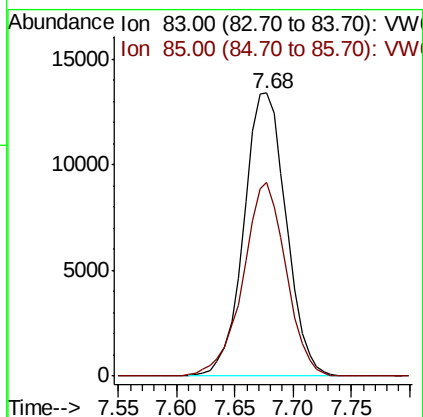
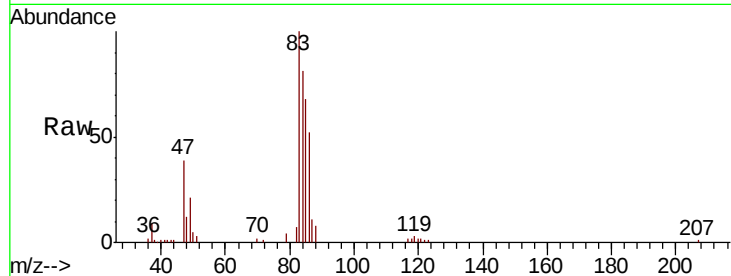




#25
Chloroform
Concen: 3.790 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015354.D
Acq: 27 Apr 2020 13:43

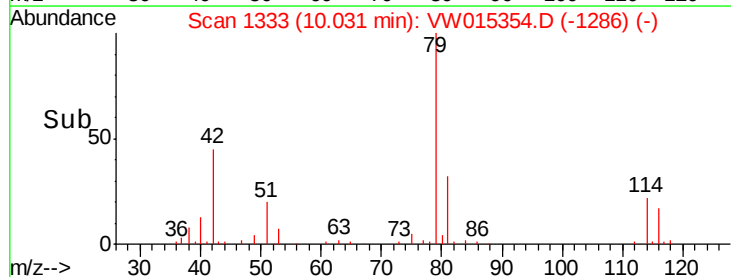
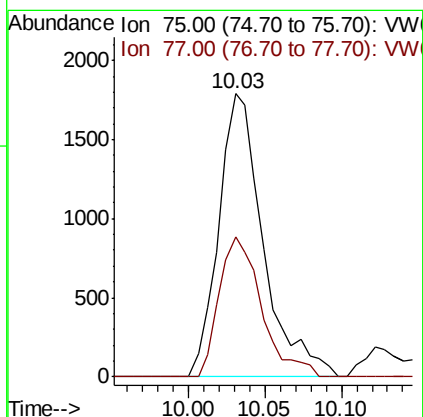
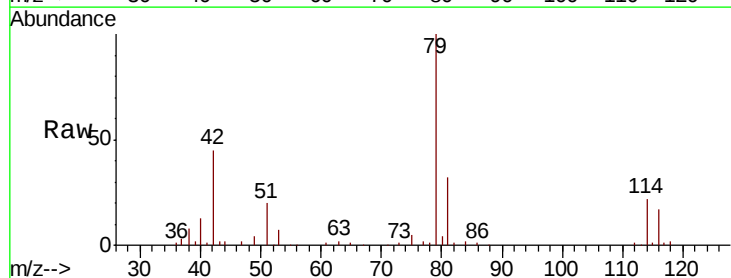
Instrument :
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ClientSampled :

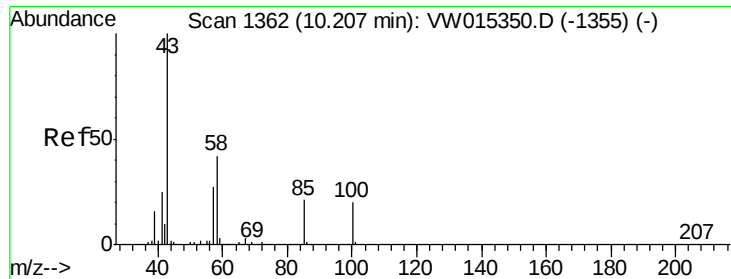
Tot Ion: 83 Resp: 33996
Ion Ratio Lower Upper
83 100
85 69.4 45.7 84.9



#42
cis-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW015354.D
Acq: 27 Apr 2020 13:43

Tgt Ion: 75 Resp: 3611
Ion Ratio Lower Upper
75 100
77 49.5 22.6 42.0#





#43
 4-Methyl-2-pentanone
 Concen: 3.918 ug/L
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015354.D
 Acq: 27 Apr 2020 13:43

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 43 Resp: 7792
 Ion Ratio Lower Upper
 43 100
 58 38.6 34.2 51.4
 100 18.3 17.0 25.6

