

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016605.D
 Acq On : 22 Sep 2020 10:42
 Operator : SY/VA
 Sample : VW0922SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK18

Quant Time: Sep 23 07:28:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	597246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	534908	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	259593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	104602	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.36%
7) Chloroethane-d5	2.90	69	91062	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.16%
10) 1,1-Dichloroethene-d2	4.03	63	159172	12.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.28%
20) 2-Butanone-d5	7.09	46	63114	40.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.08%
24) Chloroform-d	7.65	84	268434	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.31	65	142015	22.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.56%
29) Benzene-d6	8.28	84	481565	20.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.28%
33) 1,2-Dichloropropane-d6	9.28	67	142957	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.96%
37) Toluene-d8	10.33	98	445018	18.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.44%
38) trans-1,3-Dichloropropene-	10.58	79	65721	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.20%
39) 2-Hexanone-d5	10.93	63	51577	43.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120640	21.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	190863	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds

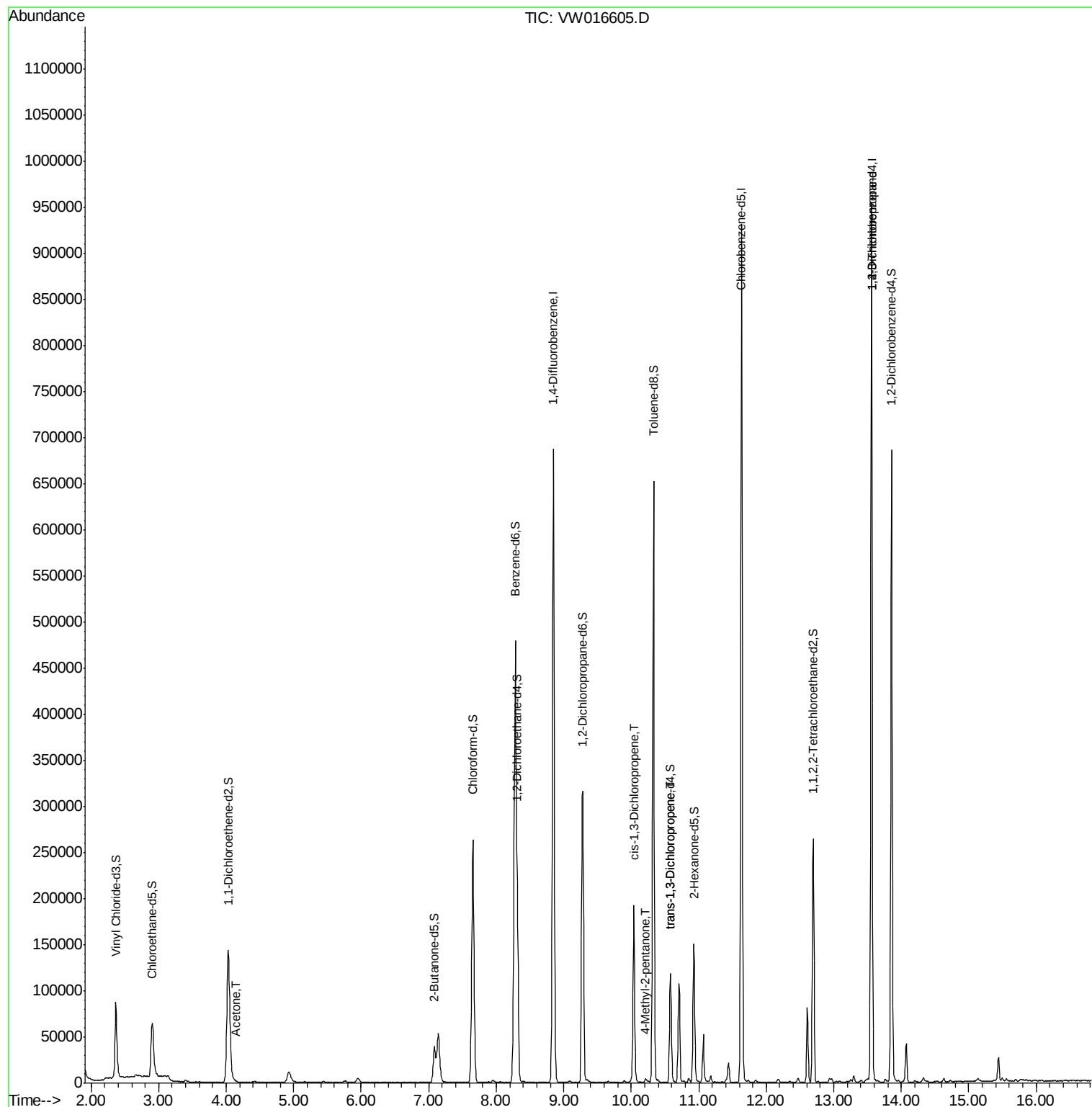
					Ovalue
13) Acetone	4.14	43	1912	1.549 ug/L	58
42) cis-1,3-Dichloropropene	10.04	75	5623	0.494 ug/L #	71
43) 4-Methyl-2-pentanone	10.21	43	3034	0.716 ug/L #	92
45) trans-1,3-Dichloropropene	10.58	75	3720	0.375 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	27730	5.927 ug/L	89

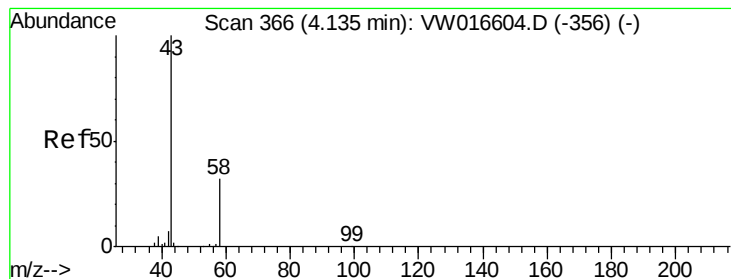
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.549 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016605.D

Acq: 22 Sep 2020 10:42

Instrument :

MSVOA_W

ClientSampled :

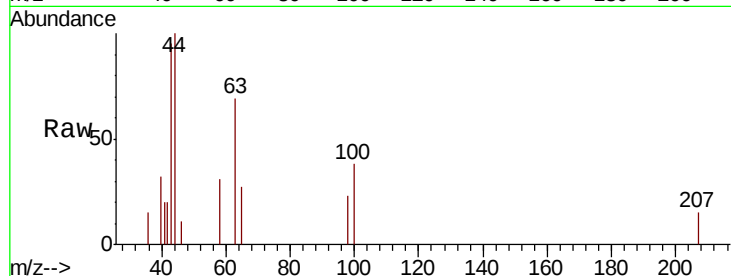
VBLK18

Tot Ion: 43 Resp: 1912

Ion Ratio Lower Upper

43 100

58 7.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

600

500

400

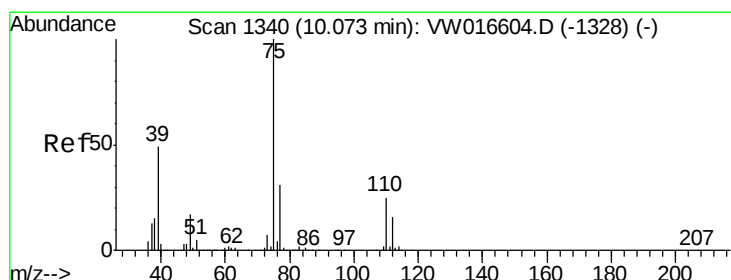
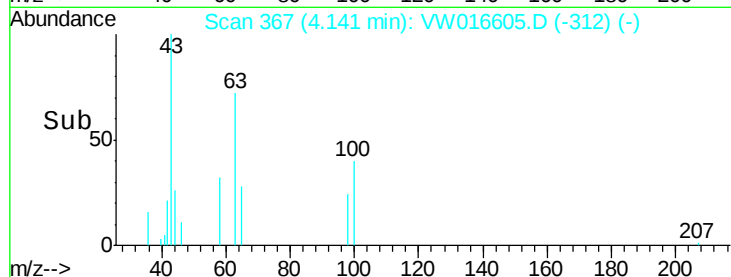
300

200

100

0

Time--> 4.05 4.10 4.15 4.20 4.25



#42

cis-1,3-Dichloropropene

Concen: 0.494 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016605.D

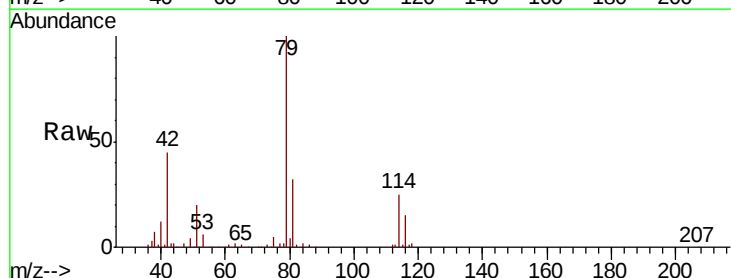
Acq: 22 Sep 2020 10:42

Tgt Ion: 75 Resp: 5623

Ion Ratio Lower Upper

75 100

77 48.0 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

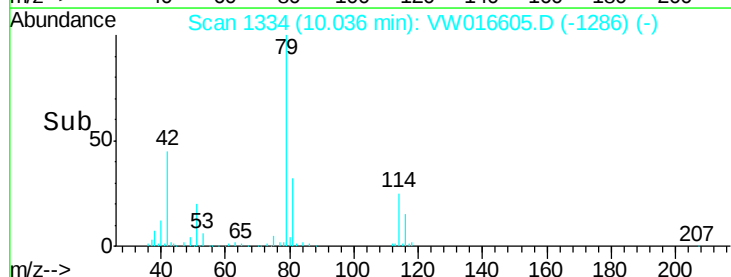
3000

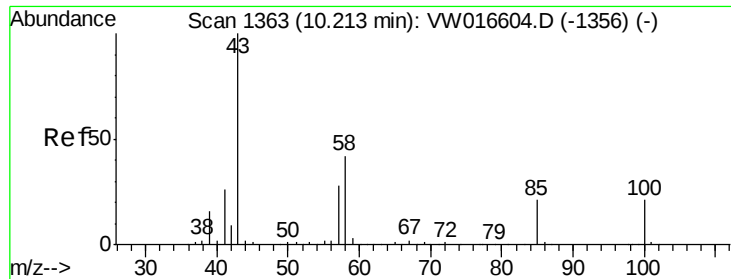
2000

1000

0

Time--> 10.00 10.05 10.10

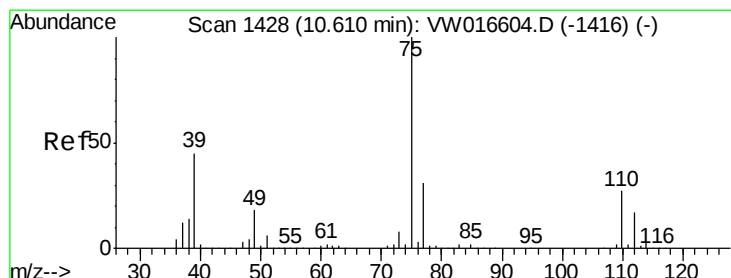
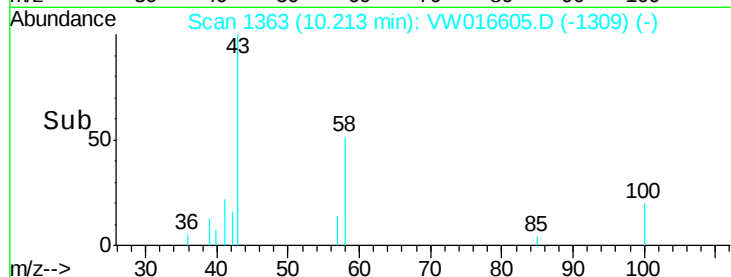
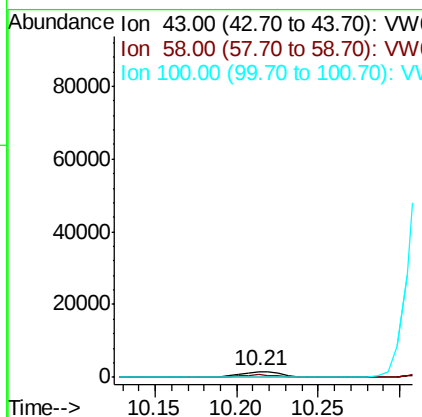
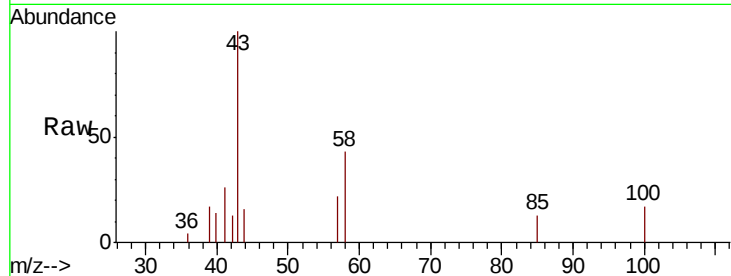




#43
4-Methyl-2-pentanone
Concen: 0.716 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016605.D
Acq: 22 Sep 2020 10:42

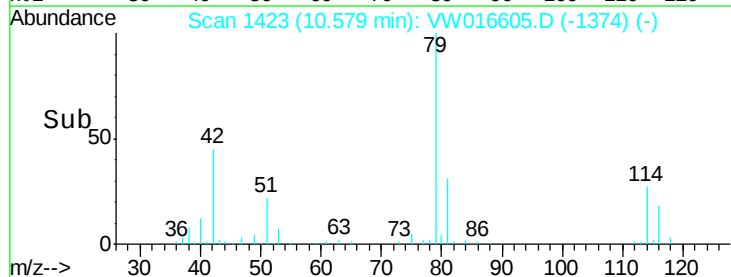
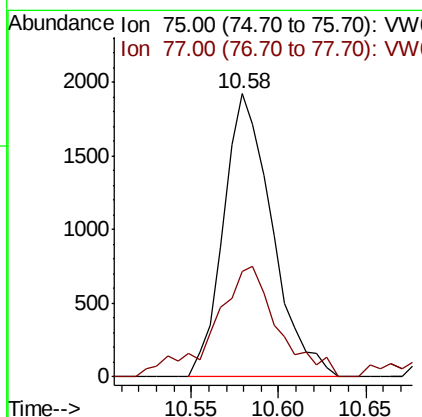
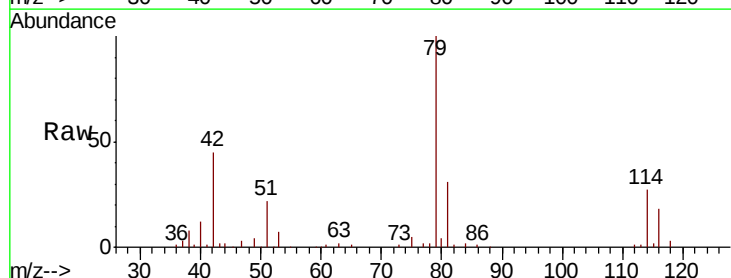
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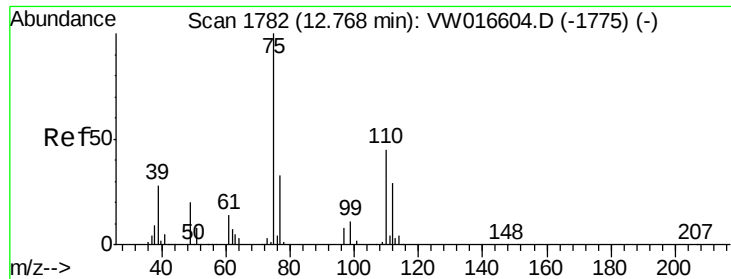
Tot Ion: 43 Resp: 3034
Ion Ratio Lower Upper
43 100
58 42.5 32.2 48.4
100 11.3 15.8 23.6#



#45
trans-1,3-Dichloropropene
Concen: 0.375 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016605.D
Acq: 22 Sep 2020 10:42

Tgt Ion: 75 Resp: 3720
Ion Ratio Lower Upper
75 100
77 37.3 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.927 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016605.D

Acq: 22 Sep 2020 10:42

Instrument :

MSVOA_W

ClientSampleId :

VBLK18

Tot Ion: 75 Resp: 27730

Ion Ratio Lower Upper

75 100

77 39.2 26.2 39.4

