

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102120\
 Data File : VW016954.D
 Acq On : 21 Oct 2020 13:24
 Operator : SY/VA
 Sample : VW1021SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK03

Quant Time: Oct 21 22:58:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 22:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	509129	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	451940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	220713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87183	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
7) Chloroethane-d5	2.90	69	79094	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.08%
10) 1,1-Dichloroethene-d2	4.02	63	146467	13.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.92%
20) 2-Butanone-d5	7.09	46	55224	48.54	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.08%
24) Chloroform-d	7.65	84	239125	22.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	8.31	65	115286	22.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.88%
29) Benzene-d6	8.28	84	465396	22.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.68%
33) 1,2-Dichloropropane-d6	9.28	67	135872	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.52%
37) Toluene-d8	10.33	98	431053	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.04%
38) trans-1,3-Dichloropropene-	10.59	79	52836	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
39) 2-Hexanone-d5	10.93	63	45519	53.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116423	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	173098	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

Target Compounds

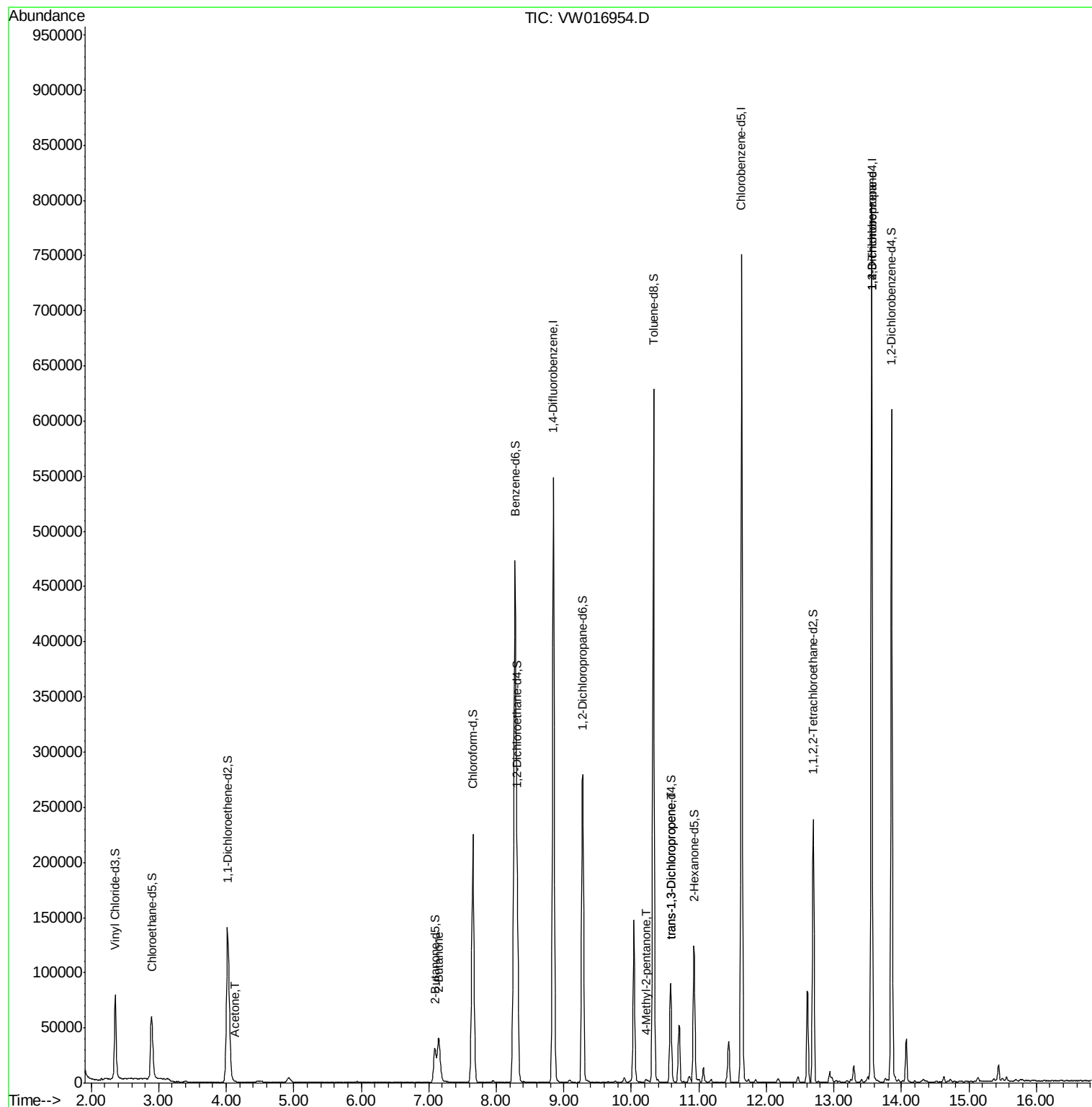
					Ovalue
13) Acetone	4.14	43	547	0.635 ug/L	65
21) 2-Butanone	7.15	43	1090	0.754 ug/L #	61
43) 4-Methyl-2-pentanone	10.22	43	2032	0.735 ug/L	90
45) trans-1,3-Dichloropropene	10.59	75	2789	0.379 ug/L	88
59) 1,2,3-Trichloropropane	13.56	75	22312	6.247 ug/L	91

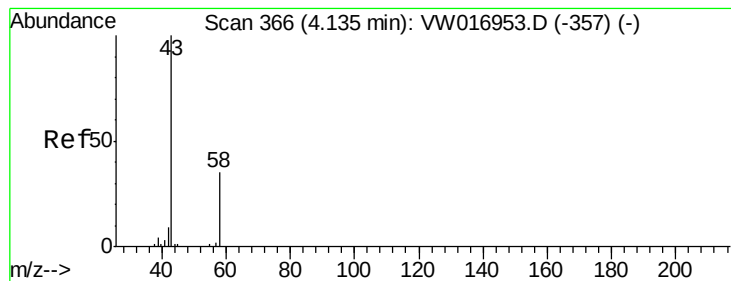
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VBLK03

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Quant Title : VOC Analysis
QLast Update : Wed Oct 21 22:50:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.635 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016954.D

Acq: 21 Oct 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

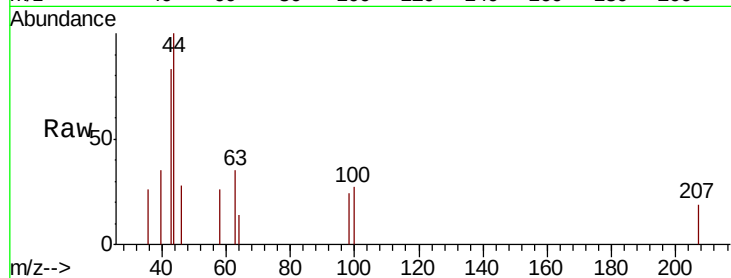
VBLK03

Tot Ion: 43 Resp: 547

Ion Ratio Lower Upper

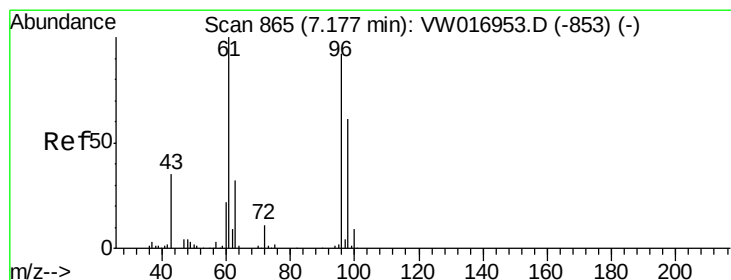
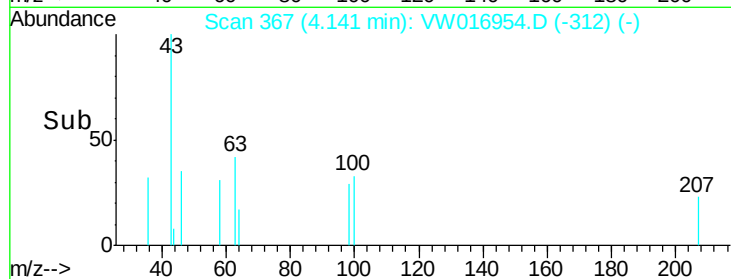
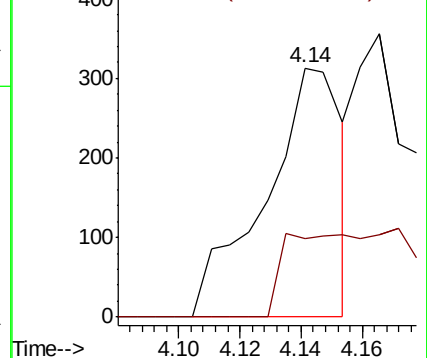
43 100

58 13.5 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 0.754 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW016954.D

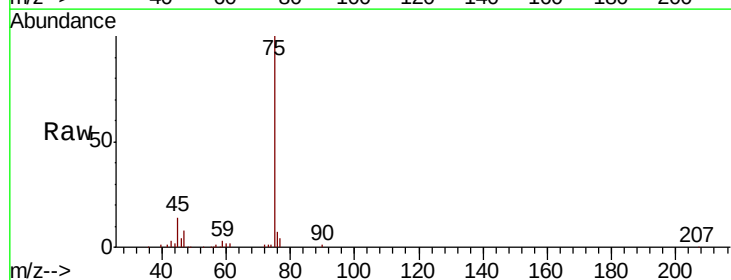
Acq: 21 Oct 2020 13:24

Tgt Ion: 43 Resp: 1090

Ion Ratio Lower Upper

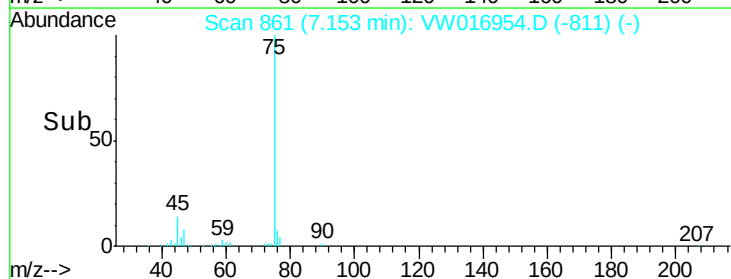
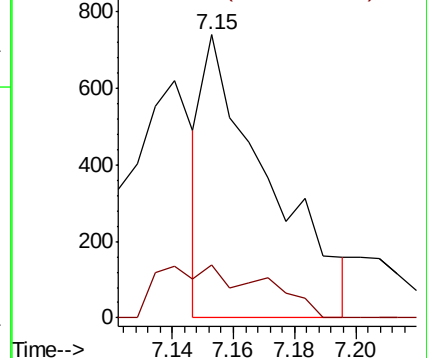
43 100

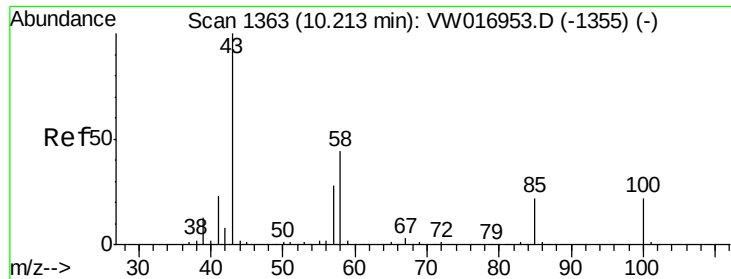
72 10.5 16.2 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

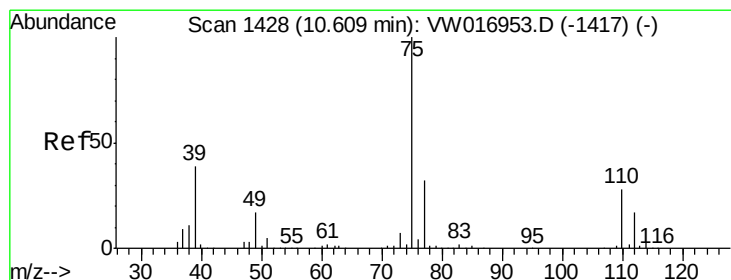
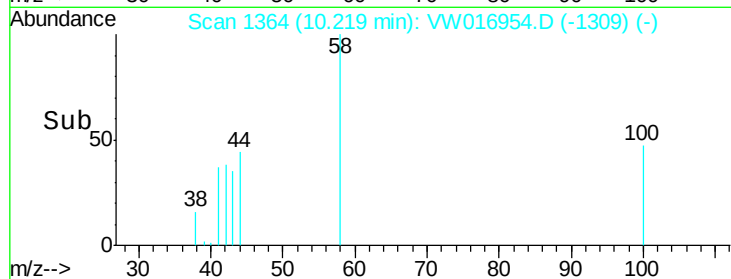
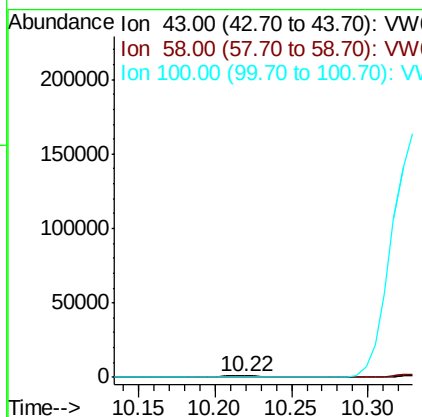
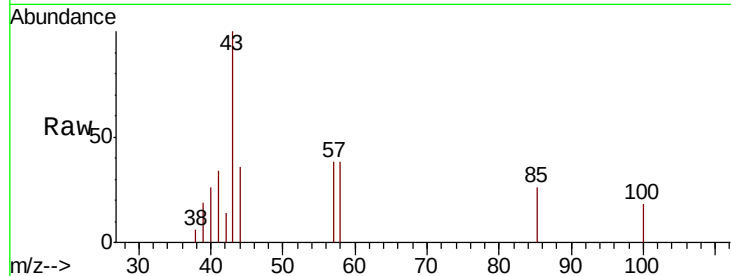




#43
4-Methyl-2-pentanone
Concen: 0.735 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW016954.D
Acq: 21 Oct 2020 13:24

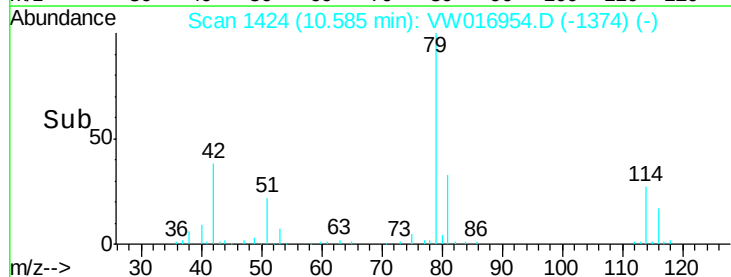
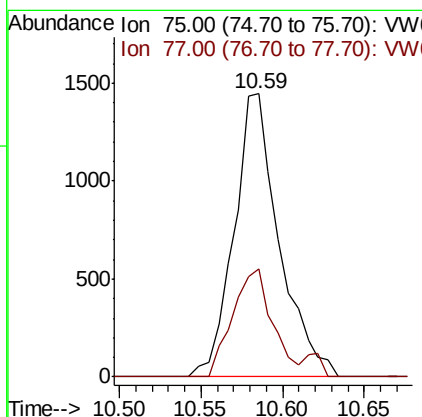
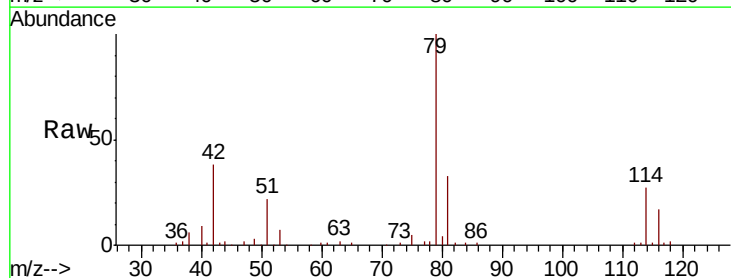
Instrument :
MSVOA_W
ClientSampled :
VBLK03

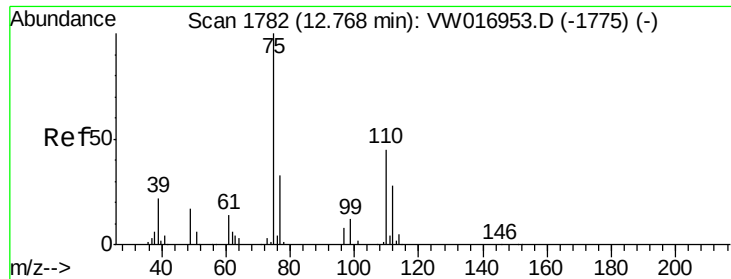
Tot Ion: 43 Resp: 2032
Ion Ratio Lower Upper
43 100
58 35.5 34.7 52.1
100 18.9 16.9 25.3



#45
trans-1,3-Dichloropropene
Concen: 0.379 ug/L
RT: 10.59 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016954.D
Acq: 21 Oct 2020 13:24

Tgt Ion: 75 Resp: 2789
Ion Ratio Lower Upper
75 100
77 38.3 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 6.247 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016954.D

Acq: 21 Oct 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VBLK03

Tot Ion: 75 Resp: 22312

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2

