

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW016991.D
 Acq On : 26 Oct 2020 12:14
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

Quant Time: Oct 27 08:24:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	556227	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	517850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136149	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
7) Chloroethane-d5	2.89	69	108558	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
10) 1,1-Dichloroethene-d2	4.02	63	203196	16.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.08%
20) 2-Butanone-d5	7.08	46	82508	68.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.46%#
24) Chloroform-d	7.65	84	304821	23.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	8.43	65	100	0.02	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.28	84	624335	23.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.88%
33) 1,2-Dichloropropane-d6	9.28	67	176638	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	10.33	98	594139	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.88%
38) trans-1,3-Dichloropropene-	10.58	79	78193	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.64%
39) 2-Hexanone-d5	10.93	63	68235	67.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.36%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157258	28.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	221429	25.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.56%

Target Compounds

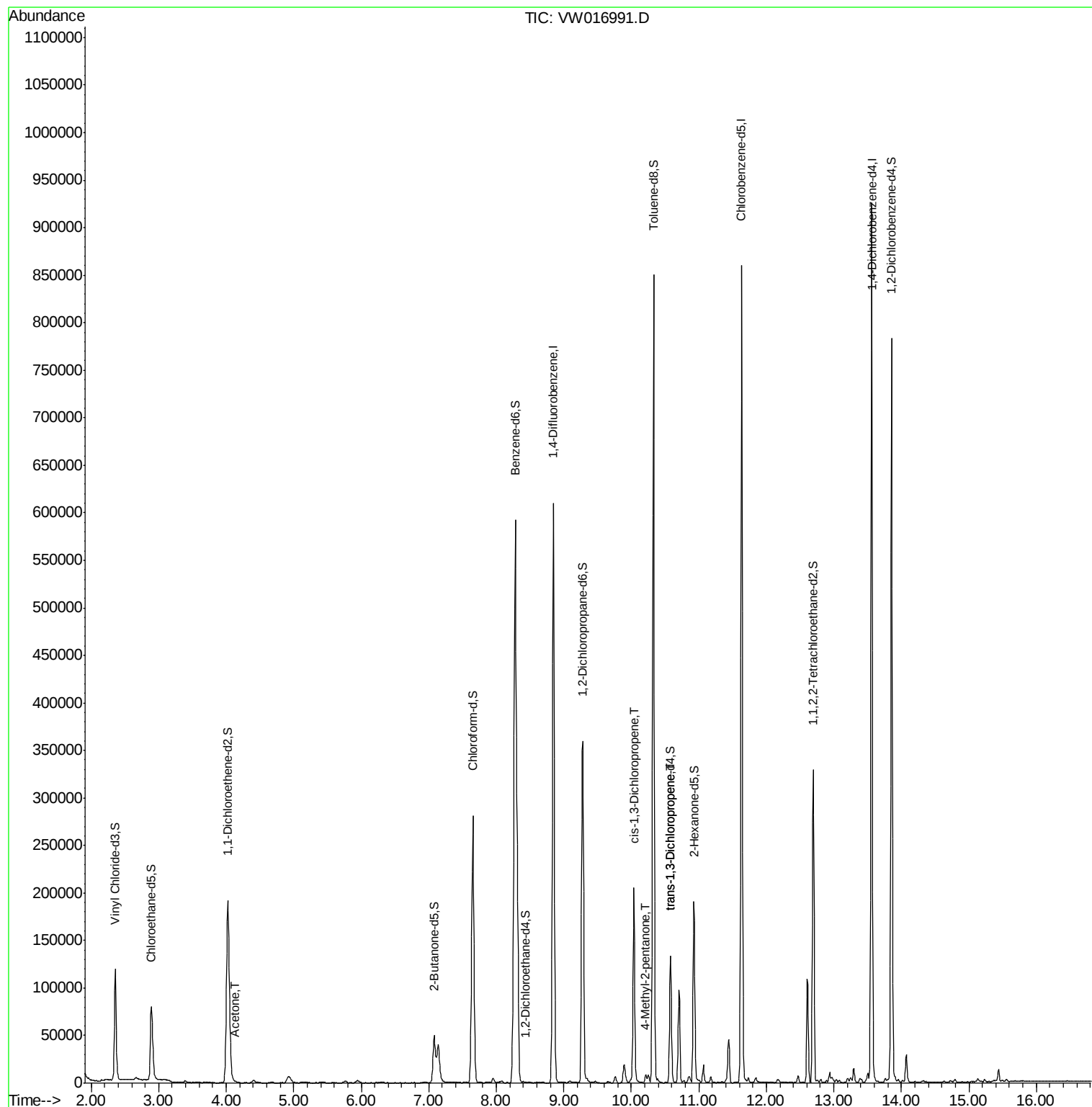
					Ovalue
13) Acetone	4.13	43	1103	1.356 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	5612	0.562 ug/L #	65
43) 4-Methyl-2-pentanone	10.21	43	5490	1.813 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	3774	0.456 ug/L	89

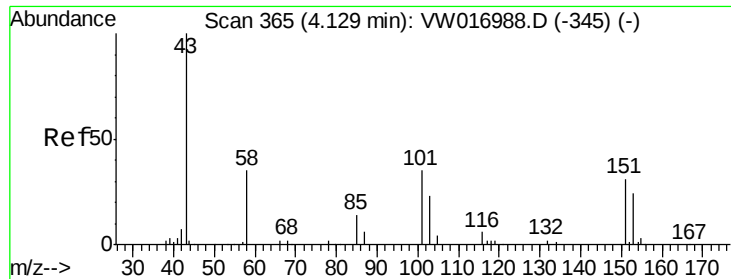
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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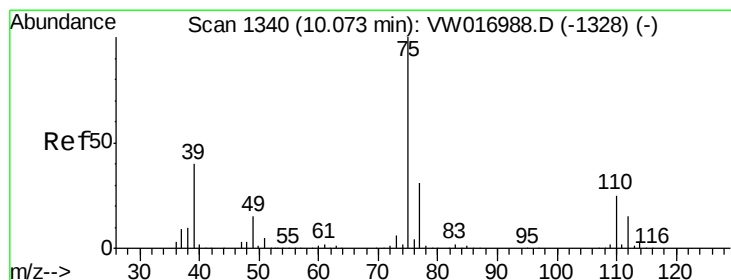
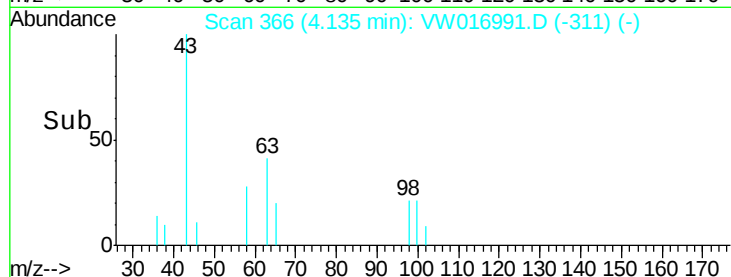
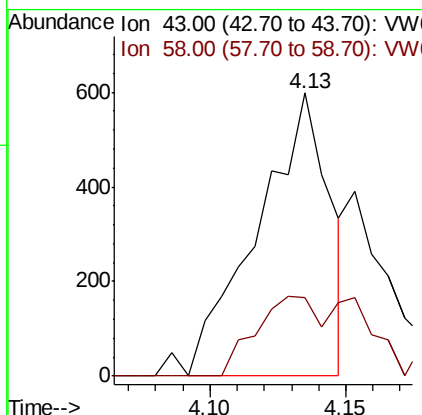
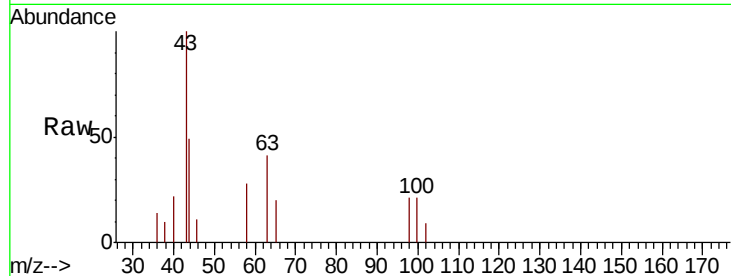




#13
Acetone
Concen: 1.356 ug/L
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW016991.D
Acq: 26 Oct 2020 12:14

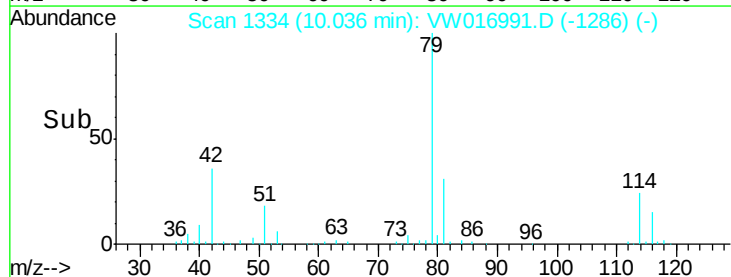
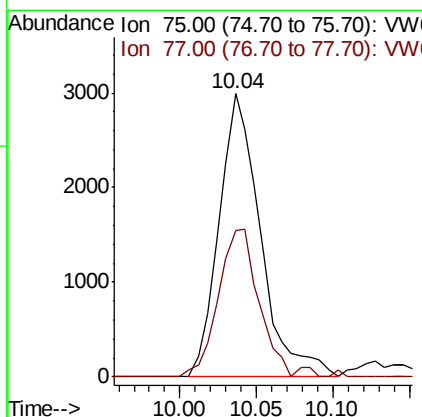
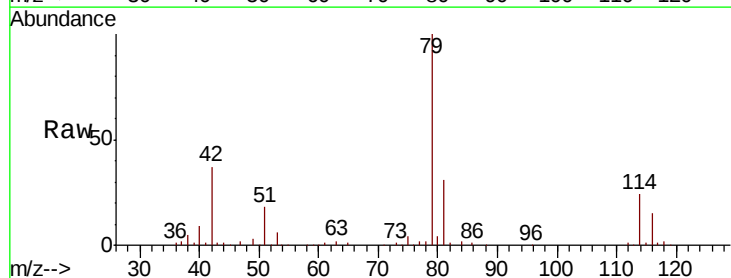
Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

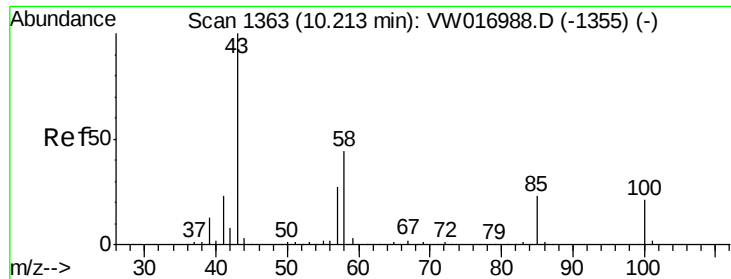
Tot Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 24.7 0.0 69.8



#42
cis-1,3-Dichloropropene
Concen: 0.562 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016991.D
Acq: 26 Oct 2020 12:14

Tgt Ion: 75 Resp: 5612
Ion Ratio Lower Upper
75 100
77 51.9 22.7 42.1#

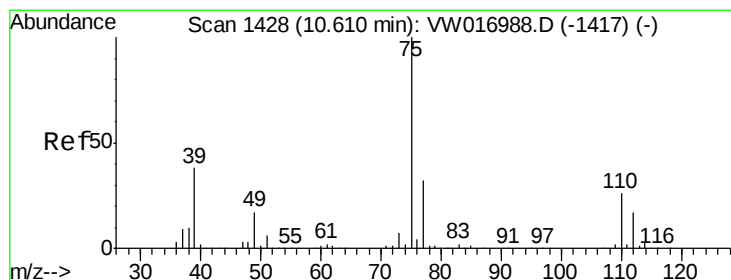
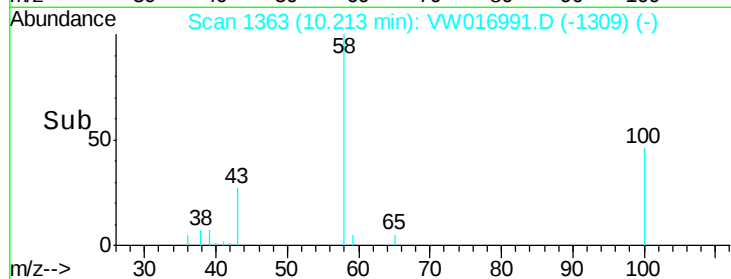
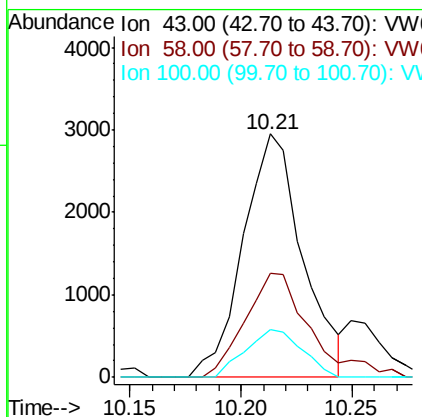
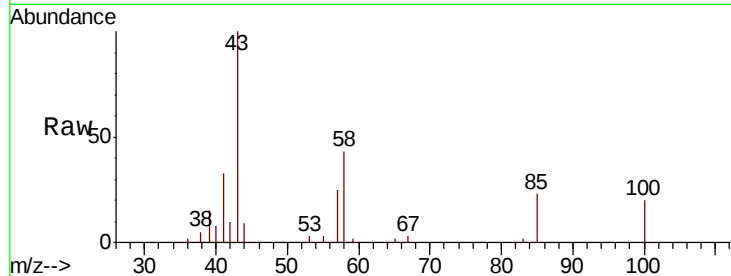




#43
4-Methyl-2-pentanone
Concen: 1.813 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016991.D
Acq: 26 Oct 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Tot Ion: 43 Resp: 5490
Ion Ratio Lower Upper
43 100
58 42.8 34.4 51.6
100 18.5 16.2 24.2



#45
trans-1,3-Dichloropropene
Concen: 0.456 ug/L
RT: 10.58 min Scan# 1424
Delta R.T. -0.02 min
Lab File: VW016991.D
Acq: 26 Oct 2020 12:14

Tgt Ion: 75 Resp: 3774
Ion Ratio Lower Upper
75 100
77 38.9 22.7 42.3

